

100494



Hillsborough County  
Florida

Office of the County Administrator  
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS

Stacey L. Easterling  
Pat Frank  
Chris Hart  
Jim Norman  
Jan K. Platt  
Thomas Scott  
Ronda Storms

Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Kathy C. Harris  
Edwin Hunzeker  
Anthony Shoemaker

RECEIVED  
SEP 13 2001  
Department of Environmental Protection  
BY SOUTHWEST DISTRICT

September 12, 2001

SARA  
Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Southeast County Landfill - Gas Monitoring Report

Dear Mr. Ford:

In accordance with Specific Conditions No. 18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the quarterly gas monitoring report for the Southeast County Landfill for the quarter ending October 15, 2001.

The monitoring was performed on September 7, 2001. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

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

Sincerely,

Patricia V. Berry  
Landfill Services Section Manager  
Solid Waste Management Department

Attachment

xc: Matt Matthews, SWMD  
Walter Gray, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC

Post Office Box 1110 • Tampa, Florida 33601

Web Site: [www.hillsboroughcounty.org](http://www.hillsboroughcounty.org)

An Affirmative Action/Equal Opportunity Employer

**HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT  
SOUTHEAST LANDFILL/STRUCTURAL READINGS**

**ADMINISTRATION BUILDING**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	.2	19.5	80.3
S.P.2	0	0	.2	19.5	80.3
S.P.3	0	0	.2	19.5	80.3
S.P.4	0	0	.2	19.5	80.3
S.P.5	0	0	.2	19.5	80.3
S.P.6	0	0	.2	19.5	80.3
S.P.7	0	0	.2	19.5	80.3
S.P.8	0	0	.2	19.5	80.3
S.P.9	0	0	.2	19.5	80.3

**MAINTENANCE BUILDING**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P1	0	0	.2	19.4	80.4
S.P2	0	0	.2	19.4	80.4
S.P3	0	0	.2	19.4	80.4
S.P4	0	0	.2	19.4	80.4

**LANDFILL GAS PERIMETER MONITORING POINT**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	2.5	18.5	79.00

TECHNICIAN SIGNATURE

*Walter [Signature]*

SUPERVISOR SIGNATURE

*Raymond C. [Signature]*

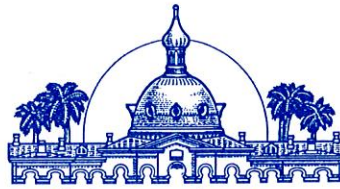
DATE

*SEPT. 17, 2001*

COMMENTS

LEGEND S.P.=SAMPLE POINT

100494  
256/8/01



Hillsborough County  
Florida

Office of the County Administrator  
Daniel A. Kleman

Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel  
Anthony Shoemaker

BOARD OF COUNTY COMMISSIONERS

Stacey L. Easterling  
Pat Frank  
Chris Hart  
Jim Norman  
Jan K. Platt  
Thomas Scott  
Ronda Storms

D.E.P.  
JUN 07 2001  
Southwest District Tampa

June 6, 2000

*John*  
Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Southeast County Landfill - Gas Monitoring Report

Dear Mr. Ford:

In accordance with Specific Conditions No.18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the quarterly gas monitoring report for the Southeast County Landfill for the quarter ending July 15, 2001.

The monitoring was performed on June 5, 2001. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

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

Sincerely,

*Patricia V. Berry*  
Patricia V. Berry  
Landfill Services Section Manager  
Solid Waste Management Department

Attachment

xc: Matt Matthews, SWMD  
Walter Gray, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC

**HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT  
SOUTHEAST LANDFILL/STRUCTURAL READINGS**

**ADMINISTRATION BUILDING**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	0	19.5	80.5
S.P.2	0	0	0	19.5	80.5
S.P.3	0	0	0	19.5	80.5
S.P.4	0	0	0	19.5	80.5
S.P.5	0	0	0	19.5	80.5
S.P.6	0	0	0	19.5	80.5
S.P.7	0	0	0	19.5	80.5
S.P.8	0	0	0	19.5	80.5
S.P.9	0	0	0	19.5	80.5

**MAINTENANCE BUILDING**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P1	0	0	0	19.5	80.5
S.P2	0	0	0	19.5	80.5
S.P3	0	0	0	19.5	80.5
S.P4	0	0	0	19.5	80.5

**LANDFILL GAS PERIMETER MONITORING POINT**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	1.6	19.1	81.3

TECHNICIAN SIGNATURE Walter Long

SUPERVISOR SIGNATURE Walter Long

DATE JUNE 5, 2001

COMMENTS \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

LEGEND S.P.=SAMPLE POINT



Hillsborough County  
Florida

Office of the County Administrator  
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS

Stacey L. Easterling  
Pat Frank  
Chris Hart  
Jim Norman  
Jan K. Platt  
Thomas Scott  
Ronda Storms

**D.E.R.**  
**MAR 08 2001**  
**Southwest District Tampa**  
Deputy County Administrator  
Patricia Bean  
Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel  
Anthony Shoemaker

March 7, 2001

Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Southeast County Landfill - Gas Monitoring Report

Dear Mr. Ford:

In accordance with Specific Conditions No.18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the quarterly gas monitoring report for the Southeast County Landfill for the quarter ending March 15, 2001.

The monitoring was performed on March 6, 2001. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

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

Sincerely,

Patricia V. Berry  
Landfill Services Section Manager  
Solid Waste Management Department

Attachment

xc: Matt Matthews, SWMD  
Walter Gray, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC



**HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT  
SOUTHEAST LANDFILL/STRUCTURAL READINGS**

**ADMINISTRATION BUILDING**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	.1	20.3	79.7
S.P.2	0	0	.1	20.3	79.7
S.P.3	0	0	.1	20.3	79.7
S.P.4	0	0	.1	20.3	79.7
S.P.5	0	0	.1	20.3	79.7
S.P.6	0	0	.1	20.3	79.7
S.P.7	0	0	.1	20.3	79.7
S.P.8	0	0	.1	20.3	79.7
S.P.9	0	0	.1	20.3	79.7

**MAINTENANCE BUILDING**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P1	0	0	0	20.0	80.0
S.P2	0	0	0	20.0	80.0
S.P3	0	0	0	20.0	80.0
S.P4	0	0	0	20.0	80.0

*Wm*

**LANDFILL GAS PERIMETER MONITORING POINT**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	1.6	18.0	80.3

TECHNICIAN SIGNATURE Michael Snyder

SUPERVISOR SIGNATURE St. Matt Matthews

DATE March 6, 2001

COMMENTS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

LEGEND S.P.=SAMPLE POINT



## BOARD OF COUNTY COMMISSIONERS

Stacey L. Easterling  
Pat Frank  
Chris Hart  
Jim Norman  
Jan K. Platt  
Thomas Scott  
Ronda Storms

Office of the County Administrator  
Daniel A. Kleman

D.E.P.  
DEC 13 2000

Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Dwain Hunzeker  
Jimmie Keel  
Anthony Shoemaker

December 8, 2000

*Jbfr*  
Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Southeast County Landfill - Gas Monitoring Report

Dear Mr. Ford:

In accordance with Specific Conditions No.18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the quarterly gas monitoring report for the Southeast County Landfill for the quarter ending December 15, 2000.

The monitoring was performed on December 7, 2000. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

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

Sincerely,

*Patricia V. Berry*  
Patricia V. Berry

Landfill Services Section Manager  
Solid Waste Management Department

Attachment

xc: Matt Matthews, SWMD  
Walter Gray, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC

**HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT  
SOUTHEAST LANDFILL/STRUCTURAL READINGS**

**ADMINISTRATION BUILDING**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	.1	20.5	79.5
S.P.2	0	0	.1	20.5	79.5
S.P.3	0	0	.1	20.5	79.5
S.P.4	0	0	.1	20.5	79.5
S.P.5	0	0	.1	20.5	79.5
S.P.6	0	0	.1	20.5	79.5
S.P.7	0	0	.1	20.5	79.5
S.P.8	0	0	.1	20.5	79.5
S.P.9	0	0	.1	20.5	79.5

**MAINTENANCE BUILDING**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P1	0	0	.1	20.4	79.4
S.P2	0	0	.1	20.4	79.4
S.P3	0	0	.1	20.4	79.4
S.P4	0	0	.1	20.4	79.4

*[Handwritten signature]*

**LANDFILL GAS PERIMETER MONITORING POINT**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	1.3	19.2	79.5

TECHNICIAN SIGNATURE Michael Snyder

SUPERVISOR SIGNATURE Ed Matt Mather

DATE 12-7-00

COMMENTS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

LEGEND S.P.=SAMPLE POINT



100494



Hillsborough County  
Florida

Office of the County Administrator  
Daniel A. Kleman

Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel  
Anthony Shoemaker

BOARD OF COUNTY COMMISSIONERS

Pat Frank  
Chris Hart  
Jim Norman  
Jan K. Platt  
Thomas Scott  
Ronda Storms  
Ben Wackman

RECEIVED  
OCT 11 2000  
Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY *John*

October 9, 2000

Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Southeast County Landfill - Gas Monitoring Report

Dear Mr. Ford:

In accordance with Specific Conditions No.18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the quarterly gas monitoring report for the Southeast County Landfill for the quarter ending October 15, 2000.

The monitoring was performed on September 27, 2000. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

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

Sincerely,

Patricia V. Berry  
Landfill Services Section Manager  
Solid Waste Management Department

Attachment

xc: Matt Matthews, SWMD  
Walter Gray, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC

HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT  
SOUTHEAST LANDFILL/STRUCTURAL READINGS

ADMINISTRATION BUILDING

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	0	20.9	79.1
S.P.2	0	0	0	20.9	79.1
S.P.3	0	0	0	20.9	79.1
S.P.4	0	0	0	20.8	79.2
S.P.5	0	0	0	20.9	79.1
S.P.6	0	0	0	20.8	79.2
S.P.7	0	0	0	20.9	79.1
S.P.8	0	0	0	20.9	79.1
S.P.9	0	0	0	20.9	79.1

MAINTENANCE BUILDING

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P1	0	0	0	20.8	79.3
S.P2	0	0	0	20.8	79.3
S.P3	0	0	0	20.6	79.4
S.P4	0	0	0	20.8	79.2

*LA*

LANDFILL GAS PERIMETER MONITORING POINT

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	0.1	20.5	79.4

TECHNICIAN SIGNATURE Michael Snyder

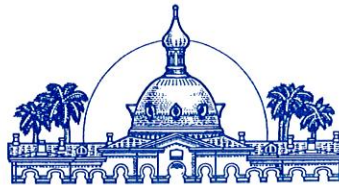
SUPERVISOR SIGNATURE M. Matt Matthews

DATE Sep 27, 2000

COMMENTS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

LEGEND S.P.=SAMPLE POINT

100494



Hillsborough County  
Florida

Office of the County Administrator  
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS

Pat Frank  
Chris Hart  
Jim Norman  
Jan K. Platt  
Thomas Scott  
Ronda Storms  
Ben Wacksman

Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel  
Anthony Shoemaker

June 16, 2000

Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

**D.E.P.**  
**JUN 20 2000**  
**Southwest District Tampa**

RE: Southeast County Landfill - Gas Monitoring Report

Dear Mr. Ford:

In accordance with Specific Conditions No.18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the quarterly gas monitoring report for the Southeast County Landfill for the quarter ending July 15, 2000.

The monitoring was performed on June 16, 2000. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

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

Sincerely,

Patricia V. Berry  
Landfill Services Section Manager  
Solid Waste Management Department

Attachment

xc: Matt Matthews, SWMD  
Walter Gray, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC

**HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT  
SOUTHEAST LANDFILL/STRUCTURAL READINGS**

**ADMINISTRATION BUILDING**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	.1	18.5	81.4
S.P.2	0	0	.1	18.5	81.4
S.P.3	0	0	.1	18.5	81.4
S.P.4	0	0	.1	18.5	81.4
S.P.5	0	0	.1	18.5	81.4
S.P.6	0	0	.1	18.5	81.4
S.P.7	0	0	.1	18.5	81.4
S.P.8	0	0	.1	18.5	81.4
S.P.9	0	0	.1	18.5	81.4

**MAINTENANCE BUILDING**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P1	0	0	.2	18.6	81.2
S.P2	0	0	.1	18.6	81.3
S.P3	0	0	.1	18.6	81.3
S.P4	0	0	.1	18.5	81.3

**LANDFILL GAS PERIMETER MONITORING POINT**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	1.7	17.3	81.0

TECHNICIAN SIGNATURE Michael Snyder

SUPERVISOR SIGNATURE \_\_\_\_\_

DATE June 16, 2009

COMMENTS SUPERVISOR NOT AVAILABLE FOR  
SIGNATURE

LEGEND S.P.=SAMPLE POINT

100494  
gas



BOARD OF COUNTY COMMISSIONERS

Pat Frank  
Chris Hart  
Jim Norman  
Jan K. Platt  
Thomas Scott  
Ronda Storms  
Ben Wacksman

Office of the County Administrator  
Daniel A. Kleman

Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel  
Anthony Shoemaker

April 5, 2000

D.E.P.  
APR 06 2000  
Southwest District Tampa

John STEVE  
Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Southeast County Landfill - Gas Monitoring Report

Dear Mr. Ford:

In accordance with Specific Conditions No.18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the quarterly gas monitoring report for the Southeast County Landfill for the quarter ending April 15, 2000.

The monitoring was performed on March 7, 2000. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

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

Sincerely,

Patricia V. Berry  
Landfill Services Section Manager  
Solid Waste Management Department

Attachment

xc: Matt Matthews, SWMD  
Walter Gray, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC



**HILLSBOROUGH COUNTY SOLID WASTE MANAGEMENT DEPARTMENT  
SOUTHEAST LANDFILL/STRUCTURAL READINGS**

**ADMINISTRATION BUILDING**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	.1	19.0	80.8
S.P.2	0	0	.1	19.0	80.8
S.P.3	0	0	.1	19.0	80.8
S.P.4	0	0	.1	19.0	80.8
S.P.5	0	0	.1	19.0	80.8
S.P.6	0	0	.1	19.0	80.8
S.P.7	0	0	.1	19.0	80.8
S.P.8	0	0	.1	19.0	80.8
S.P.9	0	0	.1	19.0	80.8

**MAINTENANCE BUILDING**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P1	0	0	.1	19.2	80.7
S.P2	0	0	.1	19.2	80.7
S.P3	0	0	.1	19.2	80.7
S.P4	0	0	.1	19.2	80.7

**LANDFILL GAS PERIMETER MONITORING POINT**

	METHANE	L.E.L.	CARBON	OXYGEN	BALANCE
	GAS		DIOXIDE		GAS
S.P.1	0	0	.2	18.6	81.2

TECHNICIAN SIGNATURE Michael Ayler

SUPERVISOR SIGNATURE P.O. Sany

DATE 3/7/00

COMMENTS \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

LEGEND S.P.=SAMPLE POINT

D.E.P.  
JAN 18 2000  
Southwest District Tampa



Q4 99

BOARD OF COUNTY COMMISSIONERS

Pat Frank  
Chris Hart  
Jim Norman  
Jan K. Platt  
Thomas Scott  
Ronda Storms  
Ben Wacksman

Office of the County Administrator  
Daniel A. Kleman

Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel  
Anthony Shoemaker

January 12, 2000

*DBH*  
Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Southeast County Landfill - Gas Monitoring Report

Dear Mr. Ford:

In accordance with Specific Conditions No.18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the quarterly gas monitoring report for the Southeast County Landfill for the quarter ending January 15, 2000.

The monitoring was performed on January 5, 2000. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

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

Sincerely,

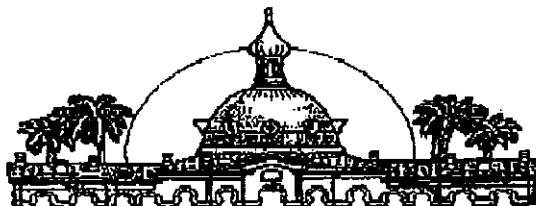
Patricia V. Berry  
Landfill Services Section Manager  
Solid Waste Management Department

Attachment

xc: Matt Matthews, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC

SOUTHEAST LANDFILL (STRUCTURAL MONITORING)

		S.E.L.F. GAS MONITORING POINTS (ADMINISTRATION BUILDING)			
	CH4	L.E.L.	CO2	O/2	BAL.
S.P.1	0	0	.1	19.6	80.3
S.P.2	0	0	.1	19.6	80.3
S.P.3	0	0	0	19.9	80.1
S.P.4	0	0	0	19.9	80.1
S.P.5	0	0	0	19.9	80.1
S.P.6	0	0	0	19.9	80.1
S.P.7	0	0	0	19.9	80.1
S.P.8	0	0	0	19.9	80.1
S.P.9	0	0	0	19.9	80.1
MAINTENANCE BUILDING GAS MONITORING POINTS					
	CH4	L.E.L.	CO2	O/2	BAL.
S.P.1	0	0	0	19.9	80.1
S.P.2	0	0	0	19.9	80.1
S.P.3	0	0	0	19.9	80.1
S.P.4	0	0	0	19.9	80.1
LANDFILL PERIMETER GAS MONITORING POINTS					
	CH4	L.E.L.	CO2	O/2	BAL.
L.F.G.-1	0	0	.7	19.0	80.3
TECHNICIAN	SIGNATURE: <i>Walter</i>				
SUPERVISOR	SIGNATURE: <i>M. Mac Martin</i>				
DATE:	JAN. 5, 2000				
LEGEND	S.P. =SAMPLE POINT		L.F.G. =LANDFILL GAS MOINTOR		



Hillsborough County  
Florida

**Solid Waste Management Department**

Post Office Box 1110, Tampa, Florida 33601  
(813) 272-5680

**Landfill Services Section**

DATE: 1-11-00

TO: Line 7nd

FAX: 744-6025

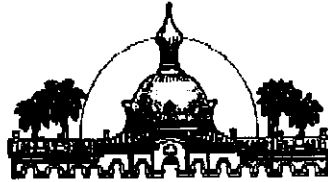
FROM: Patricia Berry

FAX: (813)276-2960 VOICE: \_\_\_\_\_

SUBJECT: \_\_\_\_\_

COMMENTS: Hand Copy will follow

TOTAL PAGES SENT: 3  
(Including cover sheet)



Hillsborough County  
Florida

Office of the County Administrator  
Daniel A. Kleman

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Edwin Hamaker  
Jimmie Keel  
Anthony Shoemaker

January 12, 2000

Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Southeast County Landfill - Gas Monitoring Report

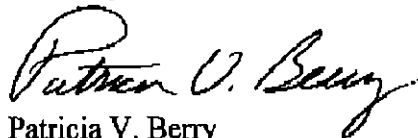
Dear Mr. Ford:

In accordance with Specific Conditions No.18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the quarterly gas monitoring report for the Southeast County Landfill for the quarter ending January 15, 2000.

The monitoring was performed on January 5, 2000. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

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

Sincerely,



Patricia V. Berry  
Landfill Services Section Manager  
Solid Waste Management Department

Attachment

cc: Matt Matthews, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC



## SOUTHEAST LANDFILL (STRUCTURAL MONITORING)

		S.E.L.F. GAS MONITORING		POINTS (ADMINISTRATION BUILDING)	
	CH4	L.E.L.	CO2	O/2	BAL.
S.P.1	0	0	.1	19.6	80.3
S.P.2	0	0	.1	19.6	80.3
S.P.3	0	0	0	19.9	80.1
S.P.4	0	0	0	19.9	80.1
S.P.5	0	0	0	19.9	80.1
S.P.6	0	0	0	19.9	80.1
S.P.7	0	0	0	19.9	80.1
S.P.8	0	0	0	19.9	80.1
S.P.9	0	0	0	19.9	80.1
MAINTENANCE BUILDING GAS MONITORING POINTS					
	CH4	L.E.L.	CO2	O/2	BAL.
S.P.1	0	0	0	19.9	80.1
S.P.2	0	0	0	19.9	80.1
S.P.3	0	0	0	19.9	80.1
S.P.4	0	0	0	19.9	80.1
LANDFILL PERIMETER GAS MONITORING POINTS					
	CH4	L.E.L.	CO2	O/2	BAL.
L.F.G.-1	0	0	.7	19.0	80.3
TECHNICIAN SIGNATURE: <i>Walter</i>					
SUPERVISOR SIGNATURE: <i>M. Mark Martens</i>					
DATE: JAN. 5, 2000					
LEGEND S.P. = SAMPLE POINT L.F.G. = LANDFILL GAS MONITOR					

100494  
DONG



Hillsborough County  
Florida

Office of the County Administrator  
Daniel A. Kleman

Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
E. J. Hunzeker  
James Ford

**RECEIVED**  
SEP 27 1999  
Department of Environmental Protection  
BY SOUTHWEST DISTRICT

BOARD OF COUNTY COMMISSIONERS

Pat Frank  
Chris Hart  
Jim Norman  
Jan K. Platt  
Thomas Scott  
Ronda Storms  
Ben Wacksman

September 22, 1999

*John*  
Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Southeast County Landfill - Gas Monitoring Report

Dear Mr. Ford:

In accordance with Specific Conditions No.18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the quarterly gas monitoring report for the Southeast County Landfill for 1999.

The monitoring was performed on September 10, 1999. The report is being submitted prior to the October 15, 1999 deadline. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

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

Sincerely,

Patricia V. Berry  
Landfill Services Section Manager  
Solid Waste Management Department

Attachment

xc: Matt Matthews, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC

SOUTHHEAST LANDFILL {STRUCTURAL MONITOR.

		S.E.L.F. GAS MONITORING		POINTS (ADMINISTRATION BUILDING)	
	CH4	L.E.L.	CO2	O/2	BAL.
S.P.1	0	0	0	20.9	79.1
S.P.2	0	0	0	20.9	79.1
S.P.3	0	0	0	20.9	79.1
S.P.4	0	0	0	20.9	79.1
S.P.5	0	0	0	20.9	79.1
S.P.6	0	0	0	20.9	79.1
S.P.7	0	0	0	20.9	79.1
S.P.8	0	0	0	20.9	79.1
S.P.9	0	0	0	20.9	79.1
MAINTENANCE BUILDING GAS MONITORING POINTS					
	CH4	L.E.L.	CO2	O/2	BAL.
S.P.1	0	0	0	20.9	79.1
S.P.2	0	0	0	20.9	79.1
S.P.3	0	0	0	20.9	79.1
S.P.4	0	0	0	20.9	79.1
LANDFILL PERIMETER GAS MONITORING POINTS					
	CH4	L.E.L.	CO2	O/2	BAL.
L.F.G.-1	0	0	.8	20.6	78.6
TECHNICIAN SIGNATURE: <i>Walter Jones</i> SUPERVISOR SIGNATURE: <i>M. Ward Matthews</i> DATE: <i>SEPT. 10, 1999</i>					
LEGEND      S.P. =SAMPLE POINT      L.F.G. =LANDFILL GAS MOINTOR					

108494  
gas



Hillsborough County  
Florida

Office of the County Administrator  
Daniel A. Kleman

RECEIVED  
JUL 22 1999

Department of Environmental Protection  
SOUTHWEST  
BY \_\_\_\_\_  
Deputy County Administrator  
Patricia Bean  
Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel

BOARD OF COUNTY COMMISSIONERS

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Chris Hart  
Jim Norman  
Jan K. Platt  
Thomas Scott  
Ronda Storms  
Ben Wacksman

*Allison*

July 21, 1999

Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Southeast County Landfill - Gas Monitoring Report

Dear Mr. Ford:

In accordance with Specific Conditions No.18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the quarterly gas monitoring report for the Southeast County Landfill for 1999.

The monitoring was performed on July 9, 1999. Since I was on vacation until July 20, 1999, the report was unable to be submitted by the July 15, 1999 due date. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

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

Sincerely,

Patricia V. Berry  
Landfill Services Section Manager  
Solid Waste Management Department

Attachment

xc: Matt Matthews, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC

## S. HEAST LANDFILL {STRUCTURAL MONITOR. }

		S.E.L.F. GAS MONITORING		POINTS (ADMINISTRATION BUILDING)		
	CH4	L.E.L.	CO2	O/2	BAL.	
S.P.1	0	0	0	19.9	80.1	
S.P.2	0	0	0	19.9	80.1	
S.P.3	0	0	0	19.9	80.1	JUL 27 1999
S.P.4	0	0	0	19.9	80.1	
S.P.5	0	0	0	19.9	80.1	
S.P.6	0	0	0	19.9	80.1	
S.P.7	0	0	0	19.9	80.1	
S.P.8	0	0	0	19.9	80.1	
S.P.9	0	0	0	19.9	80.1	
MAINTENANCE BUILDING GAS MONITORING POINTS						
	CH4	L.E.L.	CO2	O/2	BAL.	
S.P.1	0	0	0	19.9	80.1	
S.P.2	0	0	0	19.9	80.1	
S.P.3	0	0	0	19.9	80.1	
S.P.4	0	0	0	19.9	80.1	
LANDFILL PERIMETER GAS MONITORING POINTS						
	CH4	L.E.L.	CO2	O/2	BAL.	
L.F.G.-1	0	0	2.2	17.6	80.2	
TECHNICIAN	SIGNATURE: <i>Walter May</i>					
SUPERVISOR	SIGNATURE: <i>Raymond Brown</i>					
DATE:	JULY 9, 1999					
LEGEND	S.P. =SAMPLE POINT		L.F.G. =LANDFILL GAS MONITOR			



SE Hills LF  
gas file



Hillsborough County  
Florida

Office of the County Administrator  
Daniel A. Kleman

D.E.P.

APR 13 1999

Southwest District Tampa

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Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel

April 7, 1999

Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Southeast County Landfill - Gas Monitoring Report

Dear Mr. Ford:

In accordance with Specific Conditions No.18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the 1st quarter gas monitoring report for the Southeast County Landfill for 1999.

The monitoring was performed on April 7, 1999 and is being provided to the Florida Department of Environmental Protection (DEP) before the required April 15, 1999 submittal date. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

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

Sincerely,

Patricia V. Berry  
Landfill Services Section Manager  
Solid Waste Management Department

Attachment

xc: Matt Matthews, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC

S.E.L.F. GAS MONITORING				POINTS (ADMINISTRATION BUILDING)	
	CH4	L.E.L.	CO2	O/2	BAL.
S.P.1	0	0	0	19.9	80.1
S.P.2	0	0	0	19.9	80.1
S.P.3	0	0	0	19.9	80.1
S.P.4	0	0	0	19.9	80.1
S.P.5	0	0	0	19.9	80.1
S.P.6	0	0	0	19.9	80.1
S.P.7	0	0	0	19.9	80.1
S.P.8	0	0	0	19.9	80.1
S.P.9	0	0	0	19.9	80.1
MAINTENANCE BUILDING GAS MONITORING POINTS					
	CH4	L.E.L.	CO2	O/2	BAL.
S.P.1	0	0	0	19.9	80.1
S.P.2	0	0	0	19.9	80.1
S.P.3	0	0	0	19.9	80.1
S.P.4	0	0	0	19.9	80.1
LANDFILL PERIMETER GAS MONITORING POINTS					
	CH4	L.E.L.	CO2	O/2	BAL.
L.F.G.-1	0	0	0	19.5	80.5
TECHNICIAN SIGNATURE:	<i>Walter King</i>				
SUPERVISOR SIGNATURE:	<i>W. Mark Matthews</i>				
DATE:	APR 12 7, 1999				
LEGEND S.P. =SAMPLE POINT L.F.G. =LANDFILL GAS MOINTOR					



SE Hills CF  
gas f. l.



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Ed Turanchik

Hillsborough County  
Florida

Office of the County Administrator  
Daniel A. Kleman

Southwest District Tampa

Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel

March 16, 1999

*Advised*  
Mr. Kim Ford, P.E.  
Solid Waste Permitting  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Southeast County Landfill - Gas Monitoring Report

Dear Mr. Ford:

In accordance with Specific Conditions No. 18 and No. 19 of Permit No. SO29-256427, the Solid Waste Management Department (SWMD) is submitting the 4th quarter gas monitoring report for the Southeast County Landfill (Landfill).

While the monitoring was performed in December 1998, the information was filed in the field rather than submitted to the main office for forwarding to the Florida Department of Environmental Protection (DEP) by the January 15, 1999 submittal date. The information includes the structure and the subsurface monitoring point gas sampling and results. No landfill gas was detected at any of the sampling locations.

The SWMD will ensure that all future Landfill gas sampling will be conducted and the results submitted to the DEP in accordance with the schedule outlined in the permit's Specific Condition No. 18.

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

Sincerely,

Patricia V. Berry  
Landfill Services Section Manager  
Solid Waste Management Department

xc: Matt Matthews, SWMD  
Larry Ruiz, SCS  
Ron Cope, EPC

[illegible]

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
SOUTHWEST DISTRICT

CONVERSATION RECORD

SE Hills LF  
SO permit file  
gas

Date 12/23/97

Subject SE Hills - gas

Time 3:15

Permit No. \_\_\_\_\_

M Sarah Hill

County Hills

Telephone No. 272-5680

Representing Hills Co

☐ Phoned Me ☒ Was Called ☐ Scheduled Meeting ☐ Unscheduled Meeting

Other Individuals Involved in Conversation/Meeting \_\_\_\_\_

Summary of Conversation/Meeting Left a voice mail message.  
Missing 23 gas results for SE Hills  
(6/1/98 last sampling event rec'd)

She will send me another copy when she  
returns to the office 1/5/98 I asked her  
to send the all gas monitoring data  
directly to me to avoid confusion.

(continue on another  
sheet, if necessary)

Signature A. Amman

Title 161



# HILLSBOROUGH COUNTY

FLORIDA

Office of the County Administrator  
Daniel A. Kleman

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Ed Turanchik



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Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel

RECEIVED  
MAR 23 1998  
DEP

March 13, 1997

Mr. Robert Butera  
Solid Waste Compliance/Enforcement  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Permit: SO - 29-256427  
Hillsborough County Southeast Landfill

Dear Mr. Butera:

In accordance with the Hillsborough County Solid Waste Management's Department (SWMD) Permit for the Southeast County Landfill (Landfill), the SWMD is providing the quarterly landfill gas monitoring data.

Please advise if you have any questions concerning this information.

Sincerely,

A handwritten signature in dark ink, appearing to read "Sarah A. Hill", is written over the typed name.

Sarah A. Hill  
Environmental Specialist II  
Solid Waste Management Department

## Attachments:

xc: Kim Ford, DEP  
Steven Morgan, DEP  
Ron Cope, HCEPC  
Patricia V. Berry, SWMD  
Matt Matthews, SWMD  
Larry Ruiz, SCS Engineers

SE Hills - gas file  
AA ~~HA~~

**SOUTHEAST LANDFILL  
LANDFILL GAS MONITORING**

DATE: <u>3/13/98</u>		TIME: <u>1:05</u>
SCALEHOUSE/ADMINISTRATION BUILDING	AMOUNT DETECTED %LEL	COMMENTS
S/A-SP 1	0%	
S/A-SP 2	0%	
S/A-SP 3	0%	
S/A-SP 4	0%	
S/A-SP 5	0%	
S/A-SP 6	0%	
S/A-SP 7	0%	
S/A-SP 8	0%	
S/A-SP 9	0%	

MAINTENANCE BUILDING		
M-SP 1	0%	
M-SP 2	0%	
M-SP 3	0%	
M-SP 4	0%	

MONITORING POINT		
LFG-1	0%	

Signature: Sarah A. Hill  
 Title: Environmental Specialist II

SE Hills CF  
gas file



# Department of Environmental Protection

## DIVISION OF AIR RESOURCES MANAGEMENT

### ANNUAL OPERATING REPORT FOR AIR POLLUTANT EMITTING FACILITY

MAR 5 1998

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

#### I. FACILITY REPORT

##### A. REPORT INFORMATION

1. Year of Report <b>1997</b>	2. Number of Emissions Units in Report <b>1</b>
----------------------------------	--

##### B. FACILITY INFORMATION

1. Facility ID <b>0570854</b>	2. Facility Status <b>Active</b>	3. Date of Permanent Facility Shutdown <b>N/A</b>
4. Facility Owner/Company Name <del>SOUTHEAST LANDFILL</del> <b>Hillsborough County Solid Waste Management Department</b>		
5. Site Name <del>SOUTHEAST LANDFILL</del> <b>Southeast County Landfill</b>		
6. Facility Location Street Address or Other Locator: <del>STATE ROAD 672</del> <b>15960 CR 672</b> City: <del>TAMPA Picnic</del> County: <b>Hillsborough</b> Zip Code: <del>33547</del> <b>33503</b>		
7. Facility Compliance Tracking Code <b>A</b>	8. Governmental Facility Code <b>0 3</b>	9. Facility SIC(s) <b>4953</b>
10. Facility Comment <b>NESHAPS CLASS I LANDFILL/NO AIR PERMIT</b>		

##### C. FACILITY HISTORY INFORMATION

1. Change in Facility Owner/Company Name During Year? <b>N/A</b>	Previous Name	2. Date of Change
--	---------------	-------------------

Raymond Xerox  
2/26/98

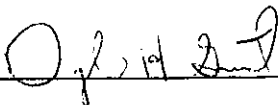
Facility ID: 0570854

D. OWNER/CONTACT INFORMATION

1. Owner or Authorized Representative	
Name and Title	<del>ADOLPHUS B. ALLEN</del> Daryl H. Smith, Director
Mailing Address	Hillsborough County Solid Waste Management Department
Organization/Firm:	<del>DIV OF PUBLIC WORKS &amp; SAFETY H.C.</del>
Street Address:	P.O. Box 1110
City: Tampa	State: Florida Zip Code: 33601
Telephone: ( 813 ) <del>634-8411</del> 272-5680 Fax: ( 813 ) 276 - 2960	
2. Facility Contact	
Name and Title	<del>DARRYL SMITH</del> Mr. Matt Matthews, Senior Engineering Technician
Mailing Address	Hillsborough County Solid Waste Management Department
Organization/Firm:	<del>HILLSBOROUGH COUNTY DEPT OF SOLID WASTE</del>
Street Address:	P. O. Box 1110
City: TAMPA	State: FL Zip Code: 33601
Telephone: ( 813 ) 671-7707 Fax: ( 813 ) 671-7739	

E. OWNER OR AUTHORIZED REPRESENTATIVE STATEMENT

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

 2/27/98  
Signature Date

Facility ID: 0570854

Emissions Unit ID: 001

## II. EMISSIONS UNIT REPORT

### A. EMISSIONS UNIT INFORMATION

1. Emissions Unit Description <b>NESHAPS CLASS 1 LANDFILL</b>		
2. Emissions Unit ID <b>001</b>	3. Emissions Unit Classification Regulated Emissions Unit	4. Operated During Year? <b>Y</b>
5. DEP Permit or PPS Number	6. Emissions Unit Status <b>ACTIVE</b>	7. Ozone SIP Base Year Emissions Unit? <b>Y</b>
8. Emissions Unit Startup Date <b>Landfill Opened Nov. 1984</b>	9. Long-term Reserve Shutdown Date <b>N/A</b>	10. Permanent Shutdown Date <b>N/A</b>

### B. EMISSION POINT/CONTROL INFORMATION

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

### C. EMISSIONS UNIT OPERATING SCHEDULE INFORMATION

1. Average Annual Operation  <b>24 hours/day                      7 days/week</b>	2. Total Operation During Year (hours/year) <b>8,760</b>
3. Percent Hours of Operation by Season  <b>DJF: 25%    MAM: 25%    JJA: 25%    SON: 25%</b>	
4. Average Ozone Season Operation (June 1 to August 31)  <b>24 hours/day                      7 days/week</b>	5. Total Operation During Ozone Season (days/season) <b>92</b>

*Glenwood Sewer*

**Facility ID: 0570854**

**Emissions Unit ID: 001**

**D. EMISSIONS UNIT COMMENT**

**Changes to facility owner, authorized representative, and facility contact reflect corrections to erroneous information on the AOR form. No actual changes have occurred to the above-mentioned positions in 1997. Also, as always the owner remains to be Hillsborough County.**

*Raymond Sever*  
2/26/98



Facility ID: 0570854

Emissions Unit ID: 001

SCC: 5-02-006-02

E. EMISSIONS INFORMATION BY PROCESS/FUEL

(1) PROCESS/FUEL INFORMATION

1. SCC <b>5-02-006-02</b>	2. Description of Process or Type of Fuel <b>Waste Disposal Landfill Dump</b> <b>Solid Waste Disposal-Commercial/In Municipal: Fugitive Emission</b>	
3. Annual Process or Fuel Usage Rate <b>120.4 ACTIVE</b>	4. Ozone Season Daily Process or Fuel Usage Rate <b>N/A</b>	5. SCC Unit <b>Acres of Landfill</b>
6. Fuel Average% Sulfur <b>N/A</b>	Fuel Average % Ash <b>N/A</b>	8. Fuel Heat Content (mmBtu/SCC Unit) <b>N/A</b>

(2) EMISSIONS INFORMATION

2) EMISSIONS INFORMATION		
1a. Pollutant 'a' VOC Volatile Organic Compounds		[ ] Below Threshold [ ] Not Emitted
2a. Annual Emissions (ton/year) 5.9	3a. Ozone Season Daily Emissions (lb/day) N/A	4a. Emissions Method Code 3
5a. Emissions Calculation (Show separately both annual and daily emissions calculations) LAEE Model for 1997 NMOC: 13.66 Mg/yr (0.39) (13.66 Mg/yr) (Ton/0.907 Mg) = 5.9 Ton/yr (See Attached Calculations)		

## SCS ENGINEERS

SHEET 1 OF 1

CLIENT	HCSUMD	PROJECT	SCLF AOR	JOB NO.	0995029.81
SUBJECT	CALC. OF VOC EMISSIONS			BY	MAI
				CHECKED	for
				DATE	2-25-98
				DATE	2/26/98

According to 2/98 Ver. of Ch. 2.4 AP-42

NOTE C OF TABLE 2.4-2, VOCs content default can be determined (for non-NESHAP compliance) by:

39% of NMOC (as hexane) by weight.

- According to LAEM model run based on Tier 2 field analysis in 1997, the following mass emission rate for NMOC was calculated:

13.66  $\text{Mg/yr}$

$$(0.39) (13.66 \text{ Mg/yr}) = 5.33 \text{ Mg/yr}$$

$$5.33 \left( \frac{1000}{0.907 \text{ Mg}} \right) = \boxed{5.88 \text{ tON/yr}}$$

# Model Parameters

Q : 169.90 m<sup>3</sup> / Mg \*\*\*\*\* User Mode Selection \*\*\*\*\*  
 R : 0.0500 1/yr \*\*\*\*\* User Mode Selection \*\*\*\*\*  
 M : 116.00 ppmv \*\*\*\*\* User Mode Selection \*\*\*\*\*  
 Methane : 50.0000 % volume  
 Carbon Dioxide : 50.0000 % volume

# Landfill Parameters

Year Opened : 1983      Current Year : 1997      Year Closed: 2028  
 Capacity : 9767010 Mg  
 Average Acceptance Rate Required from  
     Current Year to Closure Year : 219663.68 Mg/year

# Model Results

Year	Refuse In Place (Mg)	NMOC Emission Rate	
		(Mg/yr)	(Cubic m/yr)
1984	9.484E+04	6.700E-01	1.869E+02
1985	6.945E+05	4.873E+00	1.360E+03
1986	1.266E+06	8.672E+00	2.419E+03
1987	1.667E+06	1.108E+01	3.092E+03
1988	2.048E+06	1.323E+01	3.692E+03
1989	2.230E+06	1.388E+01	3.871E+03
1990	2.385E+06	1.429E+01	3.988E+03
1991	2.469E+06	1.419E+01	3.958E+03
1992	2.517E+06	1.384E+01	3.860E+03
1993	2.571E+06	1.354E+01	3.778E+03
	2.644E+06	1.340E+01	3.738E+03
	2.727E+06	1.333E+01	3.720E+03
1996	2.828E+06	1.339E+01	3.736E+03
1997	2.957E+06	1.366E+01	3.810E+03
1998	3.177E+06	1.454E+01	4.057E+03
1999	3.397E+06	1.538E+01	4.292E+03
2000	3.616E+06	1.619E+01	4.515E+03
2001	3.836E+06	1.695E+01	4.728E+03
2002	4.056E+06	1.767E+01	4.930E+03
2003	4.275E+06	1.836E+01	5.123E+03
2004	4.495E+06	1.902E+01	5.306E+03
2005	4.715E+06	1.964E+01	5.480E+03
2006	4.934E+06	2.024E+01	5.646E+03
2007	5.154E+06	2.080E+01	5.803E+03
2008	5.374E+06	2.134E+01	5.953E+03
2009	5.593E+06	2.185E+01	6.096E+03
2010	5.813E+06	2.234E+01	6.231E+03
2011	6.033E+06	2.280E+01	6.360E+03
2012	6.252E+06	2.324E+01	6.483E+03
2013	6.472E+06	2.366E+01	6.600E+03
2014	6.692E+06	2.406E+01	6.711E+03
2015	6.911E+06	2.443E+01	6.817E+03
2016	7.131E+06	2.479E+01	6.917E+03
2017	7.351E+06	2.514E+01	7.013E+03
2018	7.570E+06	2.546E+01	7.104E+03
2019	7.790E+06	2.577E+01	7.190E+03
2020	8.010E+06	2.607E+01	7.272E+03
2021	8.229E+06	2.635E+01	7.351E+03
2022	8.449E+06	2.661E+01	7.425E+03
	8.669E+06	2.687E+01	7.496E+03
	8.888E+06	2.711E+01	7.563E+03
2025	9.108E+06	2.734E+01	7.627E+03
2026	9.328E+06	2.756E+01	7.688E+03
2027	9.547E+06	2.777E+01	7.746E+03
2028	9.767E+06	2.796E+01	7.801E+03
2029	9.767E+06	2.660E+01	7.421E+03

# HILLSBOROUGH COUNTY

Florida

Office of the County Administrator  
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS

Dottie Berger  
Joe Chillura  
Chris Hart  
Jim Norman  
Ed Turanchik  
Jan Platt  
Thomas Scott

Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel



RECEIVED  
OCT 30 1997

October 29, 1997

Department of Environmental Protection  
SOUTHWEST DISTRICT  
BY \_\_\_\_\_

Mr. Robert Butera  
Solid Waste Compliance/Enforcement  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Consent Agreement, OGC Case #96-1649  
Hillsborough County Southeast Landfill

Dear Mr. Butera:

In accordance with the Hillsborough County Solid Waste Management's Department (SWMD) Consent Agreement for the Southeast County Landfill (Landfill), the SWMD is providing the quarterly landfill gas monitoring data.

Please advise if you have any questions concerning this information.

Sincerely,

A handwritten signature in blue ink that reads "Sarah A. Hill".

Sarah A. Hill  
Environmental Specialist II  
Solid Waste Management Department

Attachments:

xc: Kim Ford, DEP  
Steven Morgan, DEP  
Ron Cope, HCEPC  
Patricia V. Berry, SWMD  
Matt Matthews, SWMD  
Larry Ruiz, SCS Engineers

H:\segasq

**SOUTHEAST LANDFILL  
LANDFILL GAS MONITORING**

DATE: 9/24/97		TIME: 1:30 PM
SCALEHOUSE/ADMINISTRATION BUILDING	AMOUNT DETECTED %LEL	COMMENTS
S/A-SP 1	0	
S/A-SP 2	0	
S/A-SP 3	0	
S/A-SP 4	0	
S/A-SP 5	0	
S/A-SP 6	0	
S/A-SP 7	0	
S/A-SP 8	0	
S/A-SP 9	0	

MAINTENANCE BUILDING		
M-SP 1	0	
M-SP 2	0	
M-SP 3	0	
M-SP 4	0	

MONITORING POINT		
LFG-1	0	

Signature: Sarah Heis  
 Title: Environmental Specialist II

gas file

# HILLSBOROUGH COUNTY

Florida

Office of the County Administrator  
Daniel A. Kleman

BOARD OF COUNTY COMMISSIONERS

Dottie Berger  
Joe Chillura  
Chris Hart  
Jim Norman  
Ed Turanchik  
Jan Platt  
Thomas Scott



Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel

December 12, 1997

RECEIVED  
DEC 15 1997  
D E P

Mr. Robert Butera  
Solid Waste Compliance/Enforcement  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Consent Agreement, ~~OGC Case #96-1649~~  
Hillsborough County Southeast Landfill

Dear Mr. Butera:

In accordance with the Hillsborough County Solid Waste Management's Department (SWMD) Consent Agreement for the Southeast County Landfill (Landfill), the SWMD is providing the quarterly landfill gas monitoring data.

Please advise if you have any questions concerning this information.

Sincerely,

Sarah A. Hill  
Environmental Specialist II  
Solid Waste Management Department

Attachments:

xc: Kim Ford, DEP  
Steven Morgan, DEP  
Ron Cope, HCEPC  
Patricia V. Berry, SWMD  
Matt Matthews, SWMD  
Larry Ruiz, SCS Engineers



**SOUTHEAST LANDFILL  
LANDFILL GAS MONITORING**

DATE: <u>12/10/97</u>		TIME: <u>1:15</u>
SCALEHOUSE/ADMINISTRATION BUILDING	AMOUNT DETECTED %LEL	COMMENTS
S/A-SP 1	0	
S/A-SP 2	0	
S/A-SP 3	0	
S/A-SP 4	0	
S/A-SP 5	0	
S/A-SP 6	0	
S/A-SP 7	0	
S/A-SP 8	0	
S/A-SP 9	0	

MAINTENANCE BUILDING		
M-SP 1	0	
M-SP 2	0	
M-SP 3	0	
M-SP 4	0	

MONITORING POINT		
LFG-1	0	

Signature: Sarah Ther  
 Title: Environmental Specialist II

# HILLSBOROUGH COUNTY

Florida

Office of the County Administrator  
Daniel A. Kleman

RECEIVED  
JUL 17 1997

Department of Environmental Protection  
SOUTHWEST DISTRICT



Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel

## BOARD OF COUNTY COMMISSIONERS

Dottie Berger  
Joe Chillura  
Chris Hart  
Jim Norman  
Ed Turanchik  
Jan Platt  
Thomas Scott

July 16, 1997

Mr. Robert Butera  
Solid Waste Compliance/Enforcement  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Consent Agreement, OGC Case # 96-1649  
Hillsborough County Southeast Landfill

Dear Mr. Butera:

In accordance with the Hillsborough County Solid Waste Management's Department (SWMD) Consent Agreement for the Southeast County Landfill (Landfill), the SWMD is providing the quarterly landfill gas monitoring data.

Please advise if you have any questions concerning this information.

Sincerely,

Sarah A. Hill  
Environmental Specialist II  
Solid Waste Management Department

## Attachments

xc: Kim Ford, DEP  
Steven Morgan, DEP  
Ron Cope, HCEPC  
Patrica V. Berry, SWMD  
Matt Matthews, SWMD  
Larry Ruiz, SCS Engineers

**SOUTHEAST LANDFILL  
LANDFILL GAS MONITORING**

DATE: <u>6-11-97</u>		TIME: <u>11:30</u>
SCALEHOUSE/ADMINISTRATION BUILDING	AMOUNT DETECTED %LEL	COMMENTS
S/A-SP 1	0	
S/A-SP 2	0	
S/A-SP 3	0	
S/A-SP 4	0	
S/A-SP 5	0	
S/A-SP 6	0	
S/A-SP 7	0	
S/A-SP 8	0	
S/A-SP 9	0	

MAINTENANCE BUILDING	0	
M-SP 1	0	
M-SP 2	0	
M-SP 3	0	
M-SP 4	0	

MONITORING POINT	0	
LFG-1	0	

Signature: \_\_\_\_\_

Sarah Hill

Title: \_\_\_\_\_

Environmental Specialist II

# HILLSBOROUGH COUNTY

Florida

Office of the County Administrator  
Daniel A. Kleman

## BOARD OF COUNTY COMMISSIONERS

Dottie Berger  
Joe Chillura  
Chris Hart  
Jim Norman  
Ed Turanchik  
Jan Platt  
Thomas Scott



Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel

April 29, 1997

DEP  
MAY 05 1997  
TAMPA

Mr. Robert Butera  
Solid Waste Compliance/Enforcement  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Consent Agreement, OGC Case # 96-1649  
Hillsborough County Southeast Landfill

Dear Mr. Butera:

In accordance with the Hillsborough County Solid Waste Management's Department (SWMD) Consent Agreement for the Southeast County Landfill (Landfill), the SWMD is providing the quarterly landfill gas monitoring data.

Please advise if you have any questions concerning this information.

Sincerely,

Sarah A. Hill  
Environmental Specialist II  
Solid Waste Management Department

## Attachments

xc: Kim Ford, DEP  
Steven Morgan, DEP  
Ron Cope, HCEPC  
Patrica V. Berry, SWMD  
Matt Matthews, SWMD  
Larry Ruiz, SCS Engineers

## SOUTHEAST LANDFILL CONSENT AGREEMENT

OGC #96-1649

SAMPLED

DATE: 3/6/97PERIOD COVERED: 1/1/97 - 3/31/97

## GAS MONITORING POINTS

90 LEL  
Point No. 1

SCALEHOUSE/ADMINISTRATIVE BUILDING	
S/A-SP 1	0
S/A-SP 2	0
S/A-SP 3	0
S/A-SP 4	0
S/A-SP 5	0
S/A-SP 6	0
S/A-SP 7	0
S/A-SP 8	0
S/A-SP 9	0

Point No. 2

MAINTENANCE POINT	
M-SP 1	0
M-SP 2	0
M-SP 3	0
M-SP 4	0

Point No. 3

MONITORING POINT	
LFG - 1	0

Submitted By: Sarah Shier Date: 4/29/97



# HILLSBOROUGH COUNTY

Florida

Office of the County Administrator  
Daniel A. Kleman

## BOARD OF COUNTY COMMISSIONERS

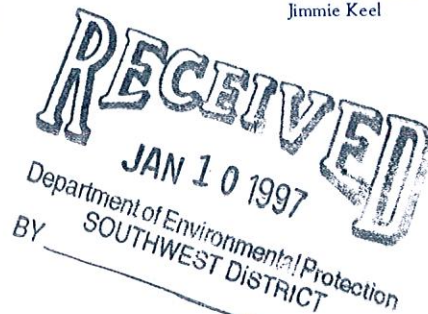
Dottie Berger  
Joe Chillura  
Chris Hart  
Jim Norman  
Ed Turanchik  
Jan Platt  
Thomas Scott



Deputy County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Jimmie Keel

January 9, 1997



Mr. Robert Butera  
Solid Waste Compliance/Enforcement  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Consent Agreement, OGC Case # 96-1649  
Hillsborough County Southeast Landfill

Dear Mr. Butera:

In accordance with the Hillsborough County Solid Waste Management's Department (SWMD) Consent Agreement for the Southeast County Landfill (Landfill), the SWMD is providing the quarterly landfill gas monitoring data.

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Sincerely,

Sarah A. Hill  
Environmental Specialist II  
Solid Waste Management Department

## Attachments

xc: Kim Ford, DEP  
Steven Morgan, DEP  
Ron Cope, HCEPC  
Patrica V. Berry, SWMD  
Matt Matthews, SWMD  
Larry Ruiz, SCS Engineers



## SOUTHEAST LANDFILL

DATE: 12-23-96PERIOD COVERED: 4<sup>th</sup> QuarterOct 1 - Dec 31, 1996

## GAS MONITORING POINTS

SCALEHOUSE/ADMIN BLDG	
S/A-SP 1	0
S/A-SP 2	0
S/A-SP 3	0
S/A-SP 4	0
S/A-SP 5	0
S/A-SP 6	0
S/A-SP 7	0
S/A-SP 8	0
S/A-SP 9	0

MAINTENANCE BLDG	
M-SP 1	0
M-SP 2	0
M-SP 3	0
M-SP4	0

MONITORING POINT	
LFG-1	0

Submitted By: Sarah Hill

RB 11/15  
SAT 11/15  
AA 11/15  
RF 11/15

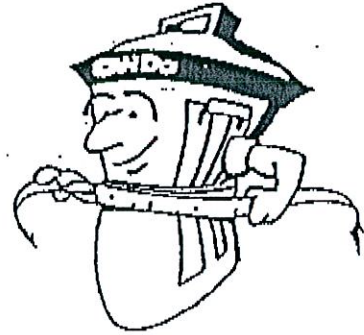
SE 11/15  
gas file

# Hillsborough County

Department of Solid Waste \* P.O. Box 1110  
Tampa, FL 33601

Sender's Telephone Number: 276-29

24-Hour FAX Line — (813) 276-2960



"Together We CAN-DO It"

DATE: October 15, 1996

TO: Mr. Robert Butera

FAX: 744-6125 SUBJECT: \_\_\_\_\_

FROM: Sarah Hill

COMMENTS (If Any): Hard copy to follow. If you have any questions please call  
me at 276-2926.

Total Pages Sent (including cover sheet) \_\_\_\_\_

Serving our customers with:

- Residential & Commercial Collection Services • Curbside Recycling • Resource Recovery
- Household Chemical Collection • Adopt-A-Road & Adopt-A-Shore
- Environmental Enforcement • Yard & Wood Waste Processing • Landfill Services
- Community Collection Centers • Environmental Testing

# HILLSBOROUGH COUNTY

Florida

Office of the County Administrator  
Daniel A. Kleman

## BOARD OF COUNTY COMMISSIONERS

Dottie Berger  
Phyllis Busenky  
Joe Chillum  
Chris Hart  
Jan Norman  
Ed Turanchik  
Sandra Helen Wilson



Senior Assistant County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hummer  
Cecilia Johnson  
Jimmie Keel

October 15, 1996

Mr. Robert Butera  
Solid Waste Compliance/Enforcement  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

RE: Consent Agreement, OGC Case # 96-1649  
Hillsborough County Southeast Landfill

Dear Mr. Butera:

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Please advise if you have any questions concerning this information.

Sincerely,

A handwritten signature in black ink, reading "Sarah A. Hill". The signature is fluid and cursive, with the first letters of each word being capitalized.

Sarah A. Hill  
Environmental Specialist II  
Solid Waste Management Department

## Attachments

xc: Kim Ford, DEP  
Steven Morgan, DEP  
Ron Cope, HCEPC  
Patricia V. Berry, SWMD  
Matt Matthews, SWMD  
Larry Ruiz, SCS Engineers

Post Office Box 1110 - Tampa, Florida 33601  
An Affirmative Action/Equal Opportunity Employer

SOUTHEAST LANDFILL

DATE: 9-18-96 PERIOD COVERED: 3<sup>rd</sup> quarter

GAS MONITORING POINTS

SCALEHOUSE/ADMIN BLDG	
S/A-SP 1	○
S/A-SP 2	○
S/A-SP 3	○
S/A-SP 4	○
S/A-SP 5	○
S/A-SP 6	○
S/A-SP 7	○
S/A-SP 8	○
S/A-SP 9	○

MAINTENANCE BLDG	
M-SP 1	○
M-SP 2	○
M-SP 3	○
M-SP 4	○

MONITORING POINT	
LFG-1	○

Submitted By: Sarah Hiep

# HILLSBOROUGH COUNTY

Florida

Office of the County Administrator  
Daniel A. Kleman



## BOARD OF COUNTY COMMISSIONERS

Dottie Berger  
Phyllis Busansky  
Joe Chillura  
Chris Hart  
Jim Norman  
Ed Turanchik  
Sandra Helen Wilson

Senior Assistant County Administrator  
Patricia Bean

Assistant County Administrators  
Edwin Hunzeker  
Cretta Johnson  
Jimmie Keel

October 15, 1996

Mr. Robert Butera  
Solid Waste Compliance/Enforcement  
Florida Department of Environmental Protection  
3804 Coconut Palm Drive  
Tampa, Florida 33619

D.E.P.

OCT 17 1996

SOUTHWEST DISTRICT  
TAMPA

RE: Consent Agreement, OGC Case # 96-1649  
Hillsborough County Southeast Landfill

Dear Mr. Butera:

In accordance with the Hillsborough County Solid Waste Management's (SWMD) Consent Agreement for the Southeast County Landfill (Landfill), the SWMD is providing the quarterly landfill gas monitoring data.

Please advise if you have any questions concerning this information.

Sincerely,

A handwritten signature in dark ink, reading "Sarah A. Hill". The signature is fluid and cursive, with the first name "Sarah" being the most prominent.

Sarah A. Hill  
Environmental Specialist II  
Solid Waste Management Department

## Attachments

xc: Kim Ford, DEP  
Steven Morgan, DEP  
Ron Cope, HCEPC  
Patrica V. Berry, SWMD  
Matt Matthews, SWMD  
Larry Ruiz, SCS Engineers

## SOUTHEAST LANDFILL

DATE: 9-18-96 PERIOD COVERED: 3<sup>rd</sup> Quarter

## GAS MONITORING POINTS

SCALEHOUSE/ADMIN BLDG	
S/A-SP 1	0
S/A-SP 2	0
S/A-SP 3	0
S/A-SP 4	0
S/A-SP 5	0
S/A-SP 6	0
S/A-SP 7	0
S/A-SP 8	0
S/A-SP 9	0

MAINTENANCE BLDG	
M-SP 1	0
M-SP 2	0
M-SP 3	0
M-SP4	0

MONITORING POINT	
LFG-1	0

Submitted By: Sarah Hill