



OKEECHOBEE LANDFILL, INC.

10800 N.E. 128th Avenue
Okeechobee, FL 34973
(863) 357-0824
(863) 357-0772 Fax

September 16, 2009

Mr. Jonathan Holtom
Compliance Assurance Monitoring
Florida Department of Environmental Protection
2600 Blair Stone Road,
MS 5000
Tallahassee, Florida 32399-2400

RECEIVED

SEP 17 2009

BUREAU OF AIR REGULATION

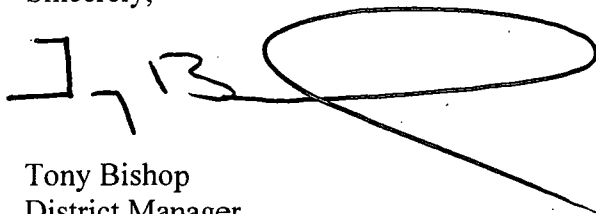
Re: Hydrogen Sulfide Test Program
January through August 2009 Reports
Berman Road Landfill

Dear Mr. Holtom:

Okeechobee Landfill, Inc. is providing the Florida Department of Environmental Protection (FDEP) with copies of the H₂S sampling results for January through August 2009. All the attached reports have been sent to the Southeast District of FDEP on a monthly basis over the past few years. The Southeast District Staff has requested that these reports be sent to Tallahassee going forward. Sampling is currently performed monthly and used to determine the magnitude of a sulfur emissions fee as required by the Second Amended Order dated January 22, 2007.

Please contact me by phone 863-357-0824 or by email tbishop2@wm.com if you have any questions or comments.

Sincerely,



Tony Bishop
District Manager

cc: Jim Christiansen, OLI

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

January 30, 2009

Mr. Seth Nunes, PE
District Engineer
Okeechobee Landfill, Inc.
10800 NE 128th Avenue
Okeechobee, FL 34972

**RE: Hydrogen Sulfide Sampling Results – January 2009
Berman Road Landfill – Okeechobee, FL
Facility ID No. 0930104**

Dear Seth:

Per your request, Carlson Environmental Consultants, PC (CEC) is submitting to Okeechobee Landfill, Inc. (Okeechobee) this Hydrogen Sulfide Sampling Report for January 2009 for the Berman Road Landfill (Landfill) located near Okeechobee, Florida. Hydrogen sulfide sampling is required to be performed monthly by the Florida Department of Environmental Protection (FDEP) under the Second Amended Consent Order.

Mr. Jeff McNabb of CEC and Mr. Jason Johns of Okeechobee performed the hydrogen sulfide sampling on January 19, 2009. CEC notified FDEP of the H₂S sampling in a letter dated December 31, 2008 and emailed to Mr. William Forrest (see attached).

Samples were collected in a 1-liter tedlar bag from an existing sampling port between the blowers and flare. CEC collected two (2) samples from Enclosed Flare 2 and two (2) samples from the Odor Control Flare. The LFG system appeared to be operating properly during sampling. CEC noted the LFG flows from the flow meters on each flare during sampling and the LFG quality was obtained from GEM 2000 monitoring.

The four samples were shipped to Air Technology Laboratories, Inc. on January 19, 2009 for analysis by US EPA Method 15/16 for Sulfur Compounds. Per Okeechobee instruction, CEC analyzed one sample from the Enclosed Flares (Flare 2) and one sample from the odor flare (Odor 1). The remaining two samples were retained as backups.

Air Technology analyzed the samples on January 20, 2009 and reported the results to CEC in a report dated January 27, 2009. The results (lab report attached to this letter) and the field sampling data CEC collected were as follows:

TABLE 1. HYDROGEN SULFIDE SAMPLING – LFG SYSTEM – JAN 2009

Sample Location	Enclosed Flare 2	Odor Flare
H2S Concentration (ppmv)	2,300	2,100
LFG Flow (scfm)	1832	652
Methane (%)	43.7	44.7
Carbon Dioxide (%)	34.5	30.8
Oxygen (%)	1.8	2.1
Balance Gas (%)	20.0	22.4

CEC appreciates the opportunity to provide engineering and environmental compliance services to Okeechobee Landfill, Inc. If you have any questions regarding this report, please feel free to contact me at (704) 506-7312.

Sincerely,



Kristofer L. Carlson, P.E.
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Jim Christiansen, WM
Jason Johns, OLI
Jeff McNabb, CEC

January 27, 2009

Carlson Environmental
ATTN: Kris Carlson
305 S. Main St.
Monroe, NC 28112



FL Cert #E87847/LA Cert #04140
EPA Method TO14A/TO15
EPA Method TO3
RSK-175
EPA Method 25C/3C

LABORATORY TEST RESULTS

Project Reference: Okeechobee Landfill
Lab Number: A9012001-01/04

Enclosed are results for sample(s) received 1/20/09 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- All results are reported without qualifications.

Results were e-mailed to Kris Carlson on 1/27/09.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

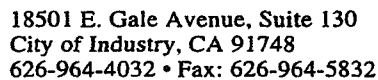
Sincerely,

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Enclosures

Note: The cover letter is an integral part of this analytical report.

Pg 1 of 1



Project Name: Okeechobee Landfill
Project #: OLT
P.O. #:

Method of Transport

Walk-in ☐
 Courier ☐
 UPS ☐
 FedEx ☐
 ATL ☐

1. CHILLED	Y <input type="checkbox"/> N <input type="checkbox"/>	4. SEALED	Y <input type="checkbox"/> N <input type="checkbox"/>
2. HEADSPACE (VOA)	Y <input type="checkbox"/> N <input type="checkbox"/>	5. # OF SPLS MATCH COC	Y <input type="checkbox"/> N <input type="checkbox"/>
3. CONTAINER INTACT	Y <input type="checkbox"/> N <input type="checkbox"/>	6. PRESERVED	Y <input type="checkbox"/> N <input type="checkbox"/>

Company: Carlson Environmental Consultants
Contact: Kris Carlson

Address:	305 South Main St
City	Monroe

TEL: (704) 283 9765
FAX: (704) 283 9755

Sampled/Relinquished by: (Signature and Printed Name) Date: 1/19/09 Time: 16:22

Received by: (Signature and Printed Name)

Date: _____ Time: _____

Relinquished by: (Signature and Printed Name)	Date:	Time:
LIDS	1/20/09	0935

Received by: (Signature and Printed Name)

Date: _____ Time: _____

Relinquished by: (Signature and Printed Name) Date : Time:

Received by: (Signature and Printed Name)

Date: / / Time:

I hereby authorize ATL to perform the work indicated below:

Send Report To:

Bill To:

Special Instructions/Comments:

Indicated below:

Project Mgr./Submitter (Print Name)	Date
Jeff McNabb	1/9/09
Signature	

Attn: Kris Carlson
Co: Carlson Env. Consult.
Address: 305 S. Main St.
City: Monroe State: NC Zip: 28111

Attn: SAME
Co: _____
Address _____
City _____ State _____ Zip _____

B samples are for backups

Unless otherwise requested, all samples will be disposed 14 days after reporting or at Lab's discretion.

Sample Archive/Disposal:

☒ Laboratory Standard
☐ Other _____
☐ Return To: _____

* \$10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL

Circle or Add
Analysis(es)
Requested

Circle or Add Analysis(es) Requested	CIRCLE APPROPRIATE MATRIX					
						Container(s)
T03 Gas / BTEX / MTBE						
T03 Hexane						
T03 Carbon Chain						
T014 VOCs						
T015 VOCs						
S16 Sulfur Comp Std or Low Level						
S16 H ₂ S Std or Low Level						
Fixed Gas D1946 or Low Level						
25:75 C/VOC TMMOC						
D1945 Natural Gas						
RSK 175 Dissolved Gas						
AIR • VAPOUR						
INDOOR AIR						
LANDFILL GAS						
WATER						
SOLID • SOIL						
OIL • SOLVENT • LIQUID						
OTHER						
TAT						

DELIVERABLES	
1. Project Charter	2. Stakeholder Register
3. Business Case	4. Project Management Plan
5. Risk Register	6. Communication Management Plan
7. Quality Management Plan	8. Resource Management Plan
9. Procurement Management Plan	10. Project Closure Report

EDD ☐
LEVEL III ☐
LEVEL IV ☐

PRESERVATION

Container(s)	
#	Type

#	Typ
---	-----

REMARKS

LAB USE ONLY

Sample Description

[illegible]

- TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight
≤ 24 hr

B= Emergency
Next workday

C= Critical
2 Workdays

D= Urgent
3 Workdays

E= Routine
7 Workdays

Preservatives:

H=Hcl N=None

Container Types: B=Tedlar Bag C=Canister V=VOA O= Other

DISTRIBUTION: White with report. Yellow to folder. Pink to submitter.

Client: Carlson Environmental Consultants
Attn: Kris Carlson

Page 2 of 3
A9012001

Client's Project: Okeechobee Landfill
Date Received: 01/20/09
Matrix: Air
Units: ppmv

EPA 15/16 (Sulfur Compounds in Air)

Lab No.:	A9012001-01A	A9012001-02A			
Client Sample I.D.:	SHAW 2A	ODOR A			
Date Sampled:	01/19/09	01/19/09			
Date Analyzed:	01/20/09	01/20/09			
Analyst Initials:	VM	VM			
QC Batch:	090119GC3A1	090119GC3A1			
Dilution Factor:	1000	1000			
ANALYTE	PQL	RL	Results	RL	Results
Hydrogen Sulfide	0.20	200	2,300	200	2,100

PQL = Practical Quantitation Limit

ND = Not Detected (Below RL)

RL = Reporting Limit = PQL X Dilution Factor

* = Sample was received outside recommended holding-time.

Reviewed/Approved By: _____

Mark J. Johnson
Operations Manager

Date: _____

1/23/09

The cover letter is an integral part of this analytical report.



AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

QC Batch #: 090119GC3A1
Matrix: Air
Units: ppmv

QC for EPA 15/16 (Sulfur Compounds in Air)

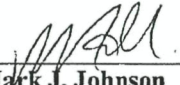
Lab No.:	Blank	LCS	LCSD						
Date Analyzed:	01/19/09	01/19/09	01/19/09						
Analyst Initials:	VM	VM	VM						
Datafile:	19Jan019	19Jan003	19Jan004						
Dilution Factor:	1.0	1.0	1.0						
ANALYTE	PQL	RL	Results	%R	Criteria	%R	Criteria	RPD	Criteria
Hydrogen Sulfide	0.20	0.20	ND	125	70-130	123	70-130	1.5	<30

PQL = Practical Quantitation Limit

ND = Not Detected (Below RL).

RL = Reporting Limit = PQL X Dilution Factor

Reviewed/Approved By: _____


Mark J. Johnson
Operations Manager

Date: 1/23/09

The cover letter is an integral part of this analytical report.



AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

December 31, 2008

Mr. William Forrest
Engineering Specialist III
Florida Department of Environmental Protection
Southeast District Office, Air Program
400 North Congress Street, Suite 200
West Palm Beach, Florida 33401

Subject: Hydrogen Sulfide Gas Sampling Notification
Period: January 2009 Monthly Testing
Okeechobee Landfill, Inc. – Berman Road Landfill
Facility ID No. 0930104

Dear Mr. Forrest:

Per the request of Okeechobee Landfill, Inc. (OLI), Carlson Environmental Consultants, PC (CEC) is submitting this written notification to the Florida Department of Environmental Protection (FDEP) concerning upcoming hydrogen sulfide (H₂S) gas sampling at the Berman Road Landfill located near Okeechobee, Florida. CEC will be assisting OLI with the collection of landfill gas samples for H₂S analysis for compliance with the Second Amended Order. The sampling will be performed on Monday, January 19, 2009 at approximately 2:00 pm. All samples will be collected via Tedlar bags from the active LFG collection system and overnight shipped to Air Technology Laboratories for analysis.

Please feel free to contact the undersigned at (704) 506-7312 or Mr. Seth Nunes, PE of Okeechobee Landfill, Inc. at (863) 357-0111 if you have any questions concerning this upcoming testing event.

Sincerely,



Kristofer L. Carlson, PE
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Seth Nunes, PE
Jim Christiansen, OLI
Jason Johns, OLI
Jeff McNabb, CEC

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

February 22, 2009

Mr. Seth Nunes, PE
District Engineer
Okeechobee Landfill, Inc.
10800 NE 128th Avenue
Okeechobee, FL 34972

**RE: Hydrogen Sulfide Sampling Results – February 2009
Berman Road Landfill – Okeechobee, FL
Facility ID No. 0930104**

Dear Seth:

Per your request, Carlson Environmental Consultants, PC (CEC) is submitting to Okeechobee Landfill, Inc. (Okeechobee) this Hydrogen Sulfide Sampling Report for February 2009 for the Berman Road Landfill (Landfill) located near Okeechobee, Florida. Hydrogen sulfide sampling is required to be performed monthly by the Florida Department of Environmental Protection (FDEP) under the Second Amended Consent Order.

Mr. Jeff McNabb of CEC and Mr. Jason Johns of Okeechobee performed the hydrogen sulfide sampling on February 9, 2009. CEC notified FDEP of the H₂S sampling in a letter dated January 20, 2009 and emailed to Mr. William Forrest (see attached).

Samples were collected in a 1-liter tedlar bag from an existing sampling port between the blowers and flare. CEC collected two (2) samples from Enclosed Flare 2 and two (2) samples from the Odor Control Flare. The LFG system appeared to be operating properly during sampling. CEC noted the LFG flows from the flow meters on each flare during sampling and the LFG quality was obtained from GEM 2000 monitoring.

The four samples were shipped to Air Technology Laboratories, Inc. on February 9, 2009 for analysis by US EPA Method 15/16 for Sulfur Compounds. Per Okeechobee instruction, CEC analyzed one sample from the Enclosed Flares (Flare 2) and one sample from the odor flare (Odor 1). The remaining two samples were retained as backups.

Air Technology analyzed the samples on February 11, 2009 and reported the results to CEC in a report dated February 16, 2009. The results (lab report attached to this letter) and the field sampling data CEC collected were as follows:

TABLE 1. HYDROGEN SULFIDE SAMPLING – LFG SYSTEM – FEB 2009

Sample Location	Enclosed Flare 2	Odor Flare
H2S Concentration (ppmv)	3,300	2,100
LFG Flow (scfm)	1,790	416
Methane (%)	43.7	43.3
Carbon Dioxide (%)	34.5	33.4
Oxygen (%)	1.9	2.3
Balance Gas (%)	20.0	21.1

CEC appreciates the opportunity to provide engineering and environmental compliance services to Okeechobee Landfill, Inc. If you have any questions regarding this report, please feel free to contact me at (704) 506-7312.

Sincerely,



Kristofer L. Carlson, P.E.
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Jim Christiansen, WM
Jason Johns, OLI
Jeff McNabb, CEC

February 16, 2009

Carlson Environmental
ATTN: Kris Carlson
305 S. Main St.
Monroe, NC 28112



FL Cert #E87847/LA Cert #04140
EPA Methods TO3, TO14A, TO15, 25C/3C
RSK-175

TX Cert #T104704450-09-TX
EPA Methods TO14A, TO15

AZ Dept of Health Services #AZ0737
EPA Methods TO3, TO14A, TO15, 15, 16, 25C

LABORATORY TEST RESULTS

Project Reference: Okeechobee
Lab Number: A9021001-01/02

Enclosed are results for sample(s) received 2/10/09 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- All results are reported without qualifications.

Results were e-mailed to Kris Carlson on 2/16/09.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Enclosures

Note: The cover letter is an integral part of this analytical report.

Pg 1 of 1

DISTRIBUTION: White with report. Yellow to folder. Pink to submitter.

Client: Carlson Environmental Consultants
Attn: Kris Carlson

Page 2 of 3
A9021001

Client's Project: Okeechobee H2S
Date Received: 02/10/09
Matrix: Air
Units: ppmv

EPA 15/16 (Sulfur Compounds in Air)

Lab No.:	A9021001-01	A9021001-02			
Client Sample I.D.:	Shaw 2A	ODOR A			
Date Sampled:	02/09/09	02/09/09			
Date Analyzed:	02/11/09	02/11/09			
Analyst Initials:	VM	VM			
QC Batch:	090210GC3A1	090210GC3A1			
Dilution Factor:	1000	1000			
ANALYTE	PQL	RL	Results	RL	Results
Hydrogen Sulfide	0.20	200	3,300	200	2,100

PQL = Practical Quantitation Limit

ND = Not Detected (Below RL)

RL = Reporting Limit = PQL X Dilution Factor

Reviewed/Approved By: _____

Mark J. Johnson
Operations Manager

Date: _____

2/12/09

The cover letter is an integral part of this analytical report.



AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

QC Batch #: 090210GC3A1
Matrix: Air
Units: ppmv

QC for 15/16 (Sulfur Compounds in Air)


Lab No.:		Blank		LCS		LCSD			
Date Analyzed:		02/10/09		02/10/09		02/10/09			
Analyst Initials:		VM		VM		VM			
Datafile:		10Feb004		10Feb002		10Feb003			
Dilution Factor:		1.0		1.0		1.0			
ANALYTE	PQL	RL	Results	%R	Criteria	%R	Criteria	RPD	Criteria
Hydrogen Sulfide	0.20	0.20	ND	113	70-130	109	70-130	3.6	<30

PQL = Practical Quantitation Limit

ND = Not Detected (Below RL).

RL = Reporting Limit = PQL X Dilution Factor

Reviewed/Approved By: _____


Mark J. Johnson
Operations Manager

Date: 2/13/09

The cover letter is an integral part of this analytical report.



AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

January 20, 2009

Mr. William Forrest
Engineering Specialist III
Florida Department of Environmental Protection
Southeast District Office, Air Program
400 North Congress Street, Suite 200
West Palm Beach, Florida 33401

Subject: Hydrogen Sulfide Gas Sampling Notification
Period: February 2009 Monthly Testing
Okeechobee Landfill, Inc. – Berman Road Landfill
Facility ID No. 0930104

Dear Mr. Forrest:

Per the request of Okeechobee Landfill, Inc. (OLI), Carlson Environmental Consultants, PC (CEC) is submitting this written notification to the Florida Department of Environmental Protection (FDEP) concerning upcoming hydrogen sulfide (H₂S) gas sampling at the Berman Road Landfill located near Okeechobee, Florida. CEC will be assisting OLI with the collection of landfill gas samples for H₂S analysis for compliance with the Second Amended Order. The sampling will be performed on Monday, February 9, 2009 at approximately 2:00 pm. All samples will be collected via Tedlar bags from the active LFG collection system and overnight shipped to Air Technology Laboratories for analysis.

Please feel free to contact the undersigned at (704) 506-7312 or Mr. Seth Nunes, PE of Okeechobee Landfill, Inc. at (863) 357-0111 if you have any questions concerning this upcoming testing event.

Sincerely,



Kristofer L. Carlson, PE
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Seth Nunes, PE
Jim Christiansen, OLI
Jason Johns, OLI
Jeff McNabb, CEC

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

April 7, 2009

Mr. Seth Nunes, PE
District Engineer
Okeechobee Landfill, Inc.
10800 NE 128th Avenue
Okeechobee, FL 34972

RE: **Hydrogen Sulfide Sampling Results – March 2009**
Berman Road Landfill – Okeechobee, FL
Facility ID No. 0930104

Dear Seth:

Per your request, Carlson Environmental Consultants, PC (CEC) is submitting to Okeechobee Landfill, Inc. (Okeechobee) this Hydrogen Sulfide Sampling Report for March 2009 for the Berman Road Landfill (Landfill) located near Okeechobee, Florida. Hydrogen sulfide sampling is required to be performed monthly by the Florida Department of Environmental Protection (FDEP) under the Second Amended Consent Order.

Mr. Jeff McNabb of CEC and Mr. Jason Johns of Okeechobee performed the hydrogen sulfide sampling on March 30, 2009. CEC notified FDEP of the H₂S sampling in a letter dated March 12, 2009 and emailed to Mr. William Forrest (see attached).

Samples were collected in a 1-liter tedlar bag from an existing sampling port between the blowers and flare. CEC collected two (2) samples from Enclosed Flare 2 and two (2) samples from the Odor Control Flare. The LFG system appeared to be operating properly during sampling. CEC noted the LFG flows from the flow meters on each flare during sampling and the LFG quality was obtained from GEM 2000 monitoring.

The four samples were shipped to Air Technology Laboratories, Inc. on March 30, 2009 for analysis by US EPA Method 15/16 for Sulfur Compounds. Per Okeechobee instruction, CEC analyzed one sample from the Enclosed Flares (Flare 2) and one sample from the odor flare (Odor 1). The remaining two samples were retained as backups.

Air Technology analyzed the samples on April 1, 2009 and reported the results to CEC in a report dated April 7, 2009. The results (lab report attached to this letter) and the field sampling data CEC collected were as follows:

TABLE 1. HYDROGEN SULFIDE SAMPLING – LFG SYSTEM – MARCH 2009

Sample Location	Enclosed Flare 2	Odor Flare
H2S Concentration (ppmv)	1,900	2,600
LFG Flow (scfm)	1,675	625
Methane (%)	44.8	42.0
Carbon Dioxide (%)	34.5	32.3
Oxygen (%)	1.3	2.5
Balance Gas (%)	19.4	23.2

CEC appreciates the opportunity to provide engineering and environmental compliance services to Okeechobee Landfill, Inc. If you have any questions regarding this report, please feel free to contact me at (704) 506-7312.

Sincerely,



Kristofer L. Carlson, P.E.
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Jim Christiansen, WM
Jason Johns, OLI
Jeff McNabb, CEC

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

March 12, 2009

Mr. Bill Forrest
Air Program
Florida Department of Environmental Protection
Southeast District Office, Air Program
400 North Congress Street, Suite 200
West Palm Beach, Florida 33401

Subject: Hydrogen Sulfide Gas Sampling Notification
Period: March 2009 Monthly Testing
Okeechobee Landfill, Inc. – Berman Road Landfill
Facility ID No. 0930104

Dear Mr. Forrest:

Per the request of Okeechobee Landfill, Inc. (OLI), Carlson Environmental Consultants, PC (CEC) is submitting this written notification to the Florida Department of Environmental Protection (FDEP) concerning upcoming hydrogen sulfide (H₂S) gas sampling at the Berman Road Landfill located near Okeechobee, Florida. CEC will be assisting OLI with the collection of landfill gas samples for H₂S analysis for compliance with the Second Amended Order. The sampling will be performed on Monday March 30, 2009 at approximately 2:00 pm. All samples will be collected via Tedlar bags from the active LFG collection system and overnight shipped to Air Technology Laboratories for analysis.

Please feel free to contact the undersigned at (704) 506-7312 or Mr. Seth Nunes, PE of Okeechobee Landfill, Inc. at (863) 357-0111 if you have any questions concerning this upcoming testing event.

Sincerely,



Kristofer L. Carlson, PE
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Seth Nunes, PE
Jim Christiansen, OLI
Jason Johns, OLI
Jeff McNabb, CEC

Pg of

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

Client: Carlson Environmental Consultants
Attn: Kris Carlson

Client's Project: OLI H2S
Date Received: 03/31/09
Matrix: Air
Units: ppmv

EPA 15/16 (Sulfur Compounds in Air)

Lab No.:	A9033102-01	A9033102-02			
Client Sample I.D.:	Shaw 2A	ODOR A			
Date Sampled:	03/30/09	03/30/09			
Date Analyzed:	04/01/09	04/01/09			
Analyst Initials:	VM	VM			
QC Batch:	090401GC3A1	090401GC3A1			
Dilution Factor:	1000	1000			
ANALYTE	PQL	RL	Results	RL	Results
Hydrogen Sulfide	0.20	200	1,900	200	2,600

PQL = Practical Quantitation Limit

ND = Not Detected (Below RL)

RL = Reporting Limit = PQL X Dilution Factor

Reviewed/Approved By: _____

Mark J. Johnson
Operations Manager

Date: _____

4/9/09

The cover letter is an integral part of this analytical report.



AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

QC Batch #: 090401GC3A1
Matrix: Air
Units: ppmv

QC for EPA 15/16 (Sulfur Compounds in Air)


Lab No.:		Blank		LCS		LCSD			
Date Analyzed:		04/01/09		04/01/09		04/01/09			
Analyst Initials:		VM		VM		VM			
Datafile:		01Apr003		01Apr001		01Apr002			
Dilution Factor:		1.0		1.0		1.0			
ANALYTE	PQL	RL	Results	%R	Criteria	%R	Criteria	RPD	Criteria
Hydrogen Sulfide	0.20	0.20	ND	86	70-130	86	70-130	0.3	<30

PQL = Practical Quantitation Limit

ND = Not Detected (Below RL).

RL = Reporting Limit = PQL X Dilution Factor

Reviewed/Approved By: _____


Mark J. Johnson
Operations Manager

Date: _____

4/9/09

The cover letter is an integral part of this analytical report.



AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

April 28, 2009

Mr. Seth Nunes, PE
District Engineer
Okeechobee Landfill, Inc.
10800 NE 128th Avenue
Okeechobee, FL 34972

**RE: Hydrogen Sulfide Sampling Results – April 2009
Berman Road Landfill – Okeechobee, FL
Facility ID No. 0930104**

Dear Seth:

Per your request, Carlson Environmental Consultants, PC (CEC) is submitting to Okeechobee Landfill, Inc. (Okeechobee) this Hydrogen Sulfide Sampling Report for April 2009 for the Berman Road Landfill (Landfill) located near Okeechobee, Florida. Hydrogen sulfide sampling is required to be performed monthly by the Florida Department of Environmental Protection (FDEP) under the Second Amended Consent Order.

Mr. Jeff McNabb of CEC and Mr. Jason Johns of Okeechobee performed the hydrogen sulfide sampling on April 7, 2009. CEC notified FDEP of the H₂S sampling in a letter dated March 12, 2009 and emailed to Mr. William Forrest (see attached).

Samples were collected in a 1-liter tedlar bag from an existing sampling port between the blowers and flare. CEC collected two (2) samples from Enclosed Flare 1 and two (2) samples from the Odor Control Flare. The LFG system appeared to be operating properly during sampling. CEC noted the LFG flows from the flow meters on each flare during sampling and the LFG quality was obtained from GEM 2000 monitoring.

The four samples were shipped to Air Technology Laboratories, Inc. on April 7, 2009 for analysis by US EPA Method 15/16 for Sulfur Compounds. Per Okeechobee instruction, CEC analyzed one sample from the Enclosed Flares (Flare 1) and one sample from the odor flare (Odor 1). The remaining two samples were retained as backups.

Air Technology analyzed the samples on April 8, 2009 and reported the results to CEC in a report dated April 16, 2009. The results (lab report attached to this letter) and the field sampling data CEC collected were as follows:

TABLE 1. HYDROGEN SULFIDE SAMPLING – LFG SYSTEM – APRIL 2009

Sample Location	Enclosed Flare 1	Odor Flare
H2S Concentration (ppmv)	3,300	2,800
LFG Flow (scfm)	1,812	645
Methane (%)	45.8	42.8
Carbon Dioxide (%)	33.2	32.3
Oxygen (%)	1.6	2.3
Balance Gas (%)	19.4	22.6

CEC appreciates the opportunity to provide engineering and environmental compliance services to Okeechobee Landfill, Inc. If you have any questions regarding this report, please feel free to contact me at (704) 506-7312.

Sincerely,



Kristofer L. Carlson, P.E.
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Jim Christiansen, WM
Jason Johns, OLI
Jeff McNabb, CEC

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

March 12, 2009

Mr. Bill Forrest
Air Program
Florida Department of Environmental Protection
Southeast District Office, Air Program
400 North Congress Street, Suite 200
West Palm Beach, Florida 33401

Subject: Hydrogen Sulfide Gas Sampling Notification
Period: April 2009 Monthly Testing
Okeechobee Landfill, Inc. – Berman Road Landfill
Facility ID No. 0930104

Dear Mr. Forrest:

Per the request of Okeechobee Landfill, Inc. (OLI), Carlson Environmental Consultants, PC (CEC) is submitting this written notification to the Florida Department of Environmental Protection (FDEP) concerning upcoming hydrogen sulfide (H₂S) gas sampling at the Berman Road Landfill located near Okeechobee, Florida. CEC will be assisting OLI with the collection of landfill gas samples for H₂S analysis for compliance with the Second Amended Order. The sampling will be performed on Tuesday April 7, 2009 at approximately 2:00 pm. All samples will be collected via Tedlar bags from the active LFG collection system and overnight shipped to Air Technology Laboratories for analysis.

Please feel free to contact the undersigned at (704) 506-7312 or Mr. Seth Nunes, PE of Okeechobee Landfill, Inc. at (863) 357-0111 if you have any questions concerning this upcoming testing event.

Sincerely,



Kristofer L. Carlson, PE
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Seth Nunes, PE
Jim Christiansen, OLI
Jason Johns, OLI
Jeff McNabb, CEC

April 16, 2009

Carlson Environmental
ATTN: Kris Carlson
305 S. Main St.
Monroe, NC 28112



FL Cert #E87847/LA Cert #04140
EPA Methods TO3, TO14A, TO15, 25C/3C
RSK-175

TX Cert #T104704450-09-TX
EPA Methods TO14A, TO15

AZ Dept of Health Services #AZ0737
EPA Methods TO3, TO14A, TO15, 15, 16, 25C

LABORATORY TEST RESULTS

Project Reference: OLI Okeechobee Landfill
Lab Number: A9040801-01/02

Enclosed are results for sample(s) received 4/08/09 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- All results are reported without qualifications.

Results were e-mailed to Kris Carlson on 4/16/09.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Enclosures

Note: The cover letter is an integral part of this analytical report.

Pg 1 of

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DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

Client: Carlson Environmental Consultants
Attn: Kris Carlson

Page 2 of 3
A9040801

Client's Project: OLI Okeechobee Landfill
Date Received: 04/08/09
Matrix: Air
Units: ppmv

EPA 15/16 (Sulfur Compounds in Air)

Lab No.:	A9040801-01A	A9040801-02A			
Client Sample I.D.:	SHAW 1A	ODOR A			
Date Sampled:	04/07/09	04/07/09			
Date Analyzed:	04/08/09	04/08/09			
Analyst Initials:	VM	VM			
QC Batch:	090407GC3A1	090407GC3A1			
Dilution Factor:	1000	1000			
ANALYTE	PQL	RL	Results	RL	Results
Hydrogen Sulfide	0.20	200	3,300	200	2,800

PQL = Practical Quantitation Limit

ND = Not Detected (Below RL)

RL = Reporting Limit = PQL X Dilution Factor

Reviewed/Approved By: _____

Mark J. Johnson
Operations Manager

Date: _____

4/15/09

The cover letter is an integral part of this analytical report.



AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

QC Batch #: 090407GC3A1
Matrix: Air
Units: ppmv

QC for EPA 15/16 (Sulfur Compounds in Air)									
Lab No.:		Blank		LCS		LCSD			
Date Analyzed:		04/07/09		04/07/09		04/07/09			
Analyst Initials:		VM		VM		VM			
Datafile:		06Apr024		06Apr025		06Apr027			
Dilution Factor:		1.0		1.0		1.0			
ANALYTE	PQL	RL	Results	%R	Criteria	%R	Criteria	RPD	Criteria
Hydrogen Sulfide	0.20	0.20	ND	78	70-130	88	70-130	11.8	<30

PQL = Practical Quantitation Limit

ND = Not Detected (Below RL).

RL = Reporting Limit = PQL X Dilution Factor

Reviewed/Approved By: _____

Mark J. Johnson
Operations Manager

Date: _____

4/15/09

The cover letter is an integral part of this analytical report.



AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

June 8, 2009

Mr. Seth Nunes, PE
District Engineer
Okeechobee Landfill, Inc.
10800 NE 128th Avenue
Okeechobee, FL 34972

**RE: Hydrogen Sulfide Sampling Results – May 2009
Berman Road Landfill – Okeechobee, FL
Facility ID No. 0930104**

Dear Seth:

Per your request, Carlson Environmental Consultants, PC (CEC) is submitting to Okeechobee Landfill, Inc. (Okeechobee) this Hydrogen Sulfide Sampling Report for May 2009 for the Berman Road Landfill (Landfill) located near Okeechobee, Florida. Hydrogen sulfide sampling is required to be performed monthly by the Florida Department of Environmental Protection (FDEP) under the Second Amended Consent Order.

Mr. Jeff McNabb of CEC and Mr. Jason Johns of Okeechobee performed the hydrogen sulfide sampling on May 18, 2009. CEC notified FDEP of the H₂S sampling in a letter dated May 4, 2009 and emailed to Mr. William Forrest (see attached).

Samples were collected in a 1-liter tedlar bag from an existing sampling port between the blowers and flare. CEC collected two (2) samples from Enclosed Flare 1. No landfill gas was being combusted at the odor control flare; therefore, per Okeechobee direction, no H₂S samples were taken for analysis. The LFG system appeared to be operating properly during sampling. CEC noted the LFG flows from the flow meters on the flare during sampling and the LFG quality was obtained from GEM 2000 monitoring.

The two samples were shipped to Air Technology Laboratories, Inc. on May 18, 2009 for analysis by US EPA Method 15/16 for Sulfur Compounds. Per Okeechobee instruction, CEC analyzed one sample from the Enclosed Flare set. The remaining sample was retained as backup.

Air Technology analyzed the samples on May 19, 2009 and reported the results to CEC in a report dated May 22, 2009 and received by CEC on June 8, 2009. The results (lab report attached to this letter) and the field sampling data CEC collected were as follows:

Mr. Seth Nunes, PE
June 8, 2009
Page 2 of 2

TABLE 1. HYDROGEN SULFIDE SAMPLING – LFG SYSTEM – MAY 2009

Sample Location	Enclosed Flare 1
H2S Concentration (ppmv)	2,600
LFG Flow (scfm)	2,340
Methane (%)	47.6
Carbon Dioxide (%)	36.8
Oxygen (%)	1.1
Balance Gas (%)	14.5

CEC appreciates the opportunity to provide engineering and environmental compliance services to Okeechobee Landfill, Inc. If you have any questions regarding this report, please feel free to contact me at (704) 283-9765.

Sincerely,



Kristofer L. Carlson, P.E.
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Jim Christiansen, WM
Jason Johns, OLI
Jeff McNabb, CEC

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

May 4, 2009

Mr. William Forrest
Engineering Specialist III
Florida Department of Environmental Protection
Southeast District Office, Air Program
400 North Congress Street, Suite 200
West Palm Beach, Florida 33401

Subject: Hydrogen Sulfide Gas Sampling Notification
Period: May 2009 Monthly Testing
Okeechobee Landfill, Inc. – Berman Road Landfill
Facility ID No. 0930104

Dear Mr. Forrest:

Per the request of Okeechobee Landfill, Inc. (OLI), Carlson Environmental Consultants, PC (CEC) is submitting this written notification to the Florida Department of Environmental Protection (FDEP) concerning upcoming hydrogen sulfide (H₂S) gas sampling at the Berman Road Landfill located near Okeechobee, Florida. CEC will be assisting OLI with the collection of landfill gas samples for H₂S analysis for compliance with the Second Amended Order. The sampling will be performed on Monday, May 18, 2009 at approximately 2:00 pm. All samples will be collected via Tedlar bags from the active LFG collection system and overnight shipped to Air Technology Laboratories for analysis.

Please feel free to contact the undersigned at (704) 283-9765 or Mr. Seth Nunes, PE of Okeechobee Landfill, Inc. at (863) 357-0111 if you have any questions concerning this upcoming testing event.

Sincerely,



Kristofer L. Carlson, PE
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Seth Nunes, PE
Jim Christiansen, OLI
Jason Johns, OLI
Jeff McNabb, CEC

May 22, 2009

Carlson Environmental
ATTN: Kris Carlson
305 S. Main St.
Monroe, NC 28112

LABORATORY TEST RESULTS

Project Reference: OLI H2S
Lab Number: A9051902-01

Enclosed are results for sample(s) received 5/19/09 by Air Technology Laboratories. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Sample analyses were performed within method performance criteria and meet all requirements of the NELAC Standards.
- All results are reported without qualifications.

Results were e-mailed to Kris Carlson on 5/19/09.

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,



Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Enclosures

Note: The cover letter is an integral part of this analytical report.

Pg _____ of _____

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Client: Carlson Environmental Consultants
Attn: Kris Carlson

Page 2 of 3
A9051902

Client's Project: OLI H2S
Date Received: 05/19/09
Matrix: Air
Units: ppmv

EPA 15/16 (Sulfur Compounds in Air)

Lab No.:	A9051902-01										
Client Sample I.D.:	SHAW 1A										
Date Sampled:	05/18/09										
Date Analyzed:	05/19/09										
Analyst Initials:	VM										
QC Batch:	090519GC3A1										
Dilution Factor:	1000										
ANALYTE	PQL	RL	Results								
Hydrogen Sulfide	0.20	200	2,600								

PQL = Practical Quantitation Limit

ND = Not Detected (Below RL)

RL = Reporting Limit = PQL X Dilution Factor

Reviewed/Approved By: _____

Mark J. Johnson
Operations Manager

Date: _____

5/19/09

The cover letter is an integral part of this analytical report.



AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

QC Batch #: 090519GC3A1
Matrix: Air
Units: ppmv

QC for EPA 15/16 (Sulfur Compounds in Air)

Lab No.:		Blank		LCS		LCSD			
Date Analyzed:		05/19/09		05/19/09		05/19/09			
Analyst Initials:		JC		JC		JC			
Datafile:		19May006		19May004		19May005			
Dilution Factor:		1.0		1.0		1.0			
ANALYTE	PQL	RL	Results	%R	Criteria	%R	Criteria	RPD	Criteria
Hydrogen Sulfide	0.20	0.20	ND	83	70-130	83	70-130	0.8	<30

PQL = Practical Quantitation Limit

ND = Not Detected (Below RL).

RL = Reporting Limit = PQL X Dilution Factor

Reviewed/Approved By:



Mark J. Johnson
Operations Manager

Date:

5-31-09

The cover letter is an integral part of this analytical report.



AirTECHNOLOGY Laboratories, Inc.

18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

July 10, 2009

Mr. Seth Nunes, PE
District Engineer
Okeechobee Landfill, Inc.
10800 NE 128th Avenue
Okeechobee, FL 34972

RE: **Hydrogen Sulfide Sampling Results – June 2009**
Berman Road Landfill – Okeechobee, FL
Facility ID No. 0930104

Dear Seth:

Per your request, Carlson Environmental Consultants, PC (CEC) is submitting to Okeechobee Landfill, Inc. (Okeechobee) this Hydrogen Sulfide Sampling Report for June 2009 for the Berman Road Landfill (Landfill) located near Okeechobee, Florida. Hydrogen sulfide sampling is required to be performed monthly by the Florida Department of Environmental Protection (FDEP) under the Second Amended Consent Order.

Mr. Jeff McNabb of CEC and Mr. Jason Johns of Okeechobee performed the hydrogen sulfide sampling on June 23, 2009. CEC notified FDEP of the H₂S sampling in a letter dated June 8, 2009 and emailed to Mr. William Forrest (see attached). The sampling was delayed to June 23, 2009 due to inclement weather and testing conditions in the afternoon on June 22, 2009.

Samples were collected in a 1-liter tedlar bag from an existing sampling port between the blowers and flare. CEC collected two (2) samples from Enclosed Flare 2. No landfill gas was being combusted at the odor control flare; therefore, per Okeechobee direction, no H₂S samples were taken for analysis. The LFG system appeared to be operating properly during sampling. CEC noted the LFG flows from the flow meters on the flare during sampling and the LFG quality was obtained from GEM 2000 monitoring.

Per Okeechobee direction, the two samples were shipped to Test America Laboratories on June 23, 2009 for analysis by US EPA Method 15/16 for Sulfur Compounds. Also per Okeechobee instruction, CEC analyzed one sample from the Enclosed Flare set. The remaining sample was retained as backup.

Test America analyzed the samples on June 24, 2009 and reported the results to CEC in a report dated June 30, 2009 and received by CEC on June 30, 2009. The results (lab report attached to this letter) and the field sampling data CEC collected were as follows:

Mr. Seth Nunes, PE
July 10, 2009
Page 2 of 2

TABLE 1. HYDROGEN SULFIDE SAMPLING – LFG SYSTEM – JUNE 2009

Sample Location	Enclosed Flare 2
H2S Concentration (ppmv)	1,500
LFG Flow (scfm)	1,758
Methane (%)	44.4
Carbon Dioxide (%)	34.4
Oxygen (%)	2.0
Balance Gas (%)	19.3

CEC appreciates the opportunity to provide engineering and environmental compliance services to Okeechobee Landfill, Inc. If you have any questions regarding this report, please feel free to contact me at (704) 283-9765.

Sincerely,



Kristofer L. Carlson, P.E.
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Jim Christiansen, WM
Jason Johns, OLI
Jeff McNabb, CEC

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

June 8, 2009

Mr. William Forrest
Engineering Specialist III
Florida Department of Environmental Protection
Southeast District Office, Air Program
400 North Congress Street, Suite 200
West Palm Beach, Florida 33401

Subject: Hydrogen Sulfide Gas Sampling Notification
Period: June 2009 Monthly Testing
Okeechobee Landfill, Inc. – Berman Road Landfill
Facility ID No. 0930104

Dear Mr. Forrest:

Per the request of Okeechobee Landfill, Inc. (OLI), Carlson Environmental Consultants, PC (CEC) is submitting this written notification to the Florida Department of Environmental Protection (FDEP) concerning upcoming hydrogen sulfide (H₂S) gas sampling at the Berman Road Landfill located near Okeechobee, Florida. CEC will be assisting OLI with the collection of landfill gas samples for H₂S analysis for compliance with the Second Amended Order. The sampling will be performed on Monday, June 22, 2009 at approximately 2:00 pm. All samples will be collected via Tedlar bags from the active LFG collection system and overnight shipped to Air Technology Laboratories for analysis.

Please feel free to contact the undersigned at (704) 283-9765 or Mr. Seth Nunes, PE of Okeechobee Landfill, Inc. at (863) 357-0111 if you have any questions concerning this upcoming testing event.

Sincerely,



Kristofer L. Carlson, PE
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Seth Nunes, PE
Jim Christiansen, OLI
Jason Johns, OLI
Jeff McNabb, CEC

June 30, 2009

LABORATORY REPORT

Client:

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Attn: Jeff McNabb

Work Order: LSF0212
Project Name: 1011 Okeechobee Landfill
Project Number: [none]
Date Received: 06/24/09

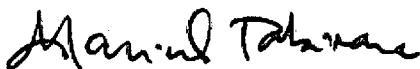
TestAmerica Los Angeles certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the Corrective Action Report. NELAC Certification Number for TestAmerica Los Angeles is E87652. The test results listed within this Laboratory Report pertain only to the samples tested in the laboratory. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica.

The Chain of Custody, 1 page, is included and is an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 714-258-8610.

Analyses included in this report were performed by the laboratory shown at the top of this report unless otherwise indicated.

Approved By:



Marisol Tabirara
Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

3585 Cadillac Avenue, Suite A Costa Mesa, CA 92626 * 714-258-8610 * Fax 714-258-0921

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSF0212

Received: 06/24/09 09:40

Reported: 06/30/09 12:20

Project: 1011 Okeechobee Landfill

Project Number: [none]

SAMPLE IDENTIFICATION

SHAW 2A/2B

LAB NUMBER

LSF0212-01

COLLECTION

06/23/09 15:32

MATRIX

Air

CONTAINER TYPE

Tedlar Bag 1L

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSF0212

Received: 06/24/09 09:40

Reported: 06/30/09 12:20

Project: 1011 Okeechobee Landfill

Project Number: [none]

ANALYTICAL REPORT

Analyte	Result	Data		RL	Dilution	Date	Instrument	Analyst	QC
		Qualifiers	Units			Analyzed			Batch
Sample ID: LSF0212-01 (SHAW 2A/2B - Air)						Sampled: 06/23/09 15:32			
EPA 15/16 - Sulfur Compounds									
Hydrogen sulfide	1500		ppmv	500	5000	06/24/09 11:16	GC7	YZ	9F24002

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSF0212

Received: 06/24/09 09:40

Reported: 06/30/09 12:20

Project: 1011 Okeechobee Landfill

Project Number: [none]

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Result	Data Qualifier	Units	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: 9F24002-BLK1 (Blank - Air)									
EPA 15/16 - Sulfur Compounds									
Hydrogen sulfide	ND		ppmv	0.10	1.00	06/24/09 1:45	GC7	YZ	9F24002

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSF0212
Project: 1011 Okeechobee Landfill
Project Number: [none]

Received: 06/24/09 09:40
Reported: 06/30/09 12:20

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 9F24002-BS1 (LCS - Air)											
EPA 15/16 - Sulfur Compounds											
Hydrogen sulfide	0.963		ppmv	0.10	1.00	0.980	98%	60 - 130	GC7	06/24/09 01:06	9F24002

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSF0212

Received: 06/24/09 09:40

Reported: 06/30/09 12:20

Project: 1011 Okeechobee Landfill

Project Number: [none]

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	RPD	Limit	Date Analyzed	QC Batch
Sample ID: 9F24002-BSD1 (LCS Dup - Air)												
EPA 15/16 - Sulfur Compounds												
Hydrogen sulfide	0.941		ppmv	0.10	1.00	0.980	96%	60 - 130	2	25	06/24/09 01:26	9F24002

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSF0212
Project: 1011 Okeechobee Landfill
Project Number: [none]

Received: 06/24/09 09:40
Reported: 06/30/09 12:20

DATA QUALIFIERS AND DEFINITIONS

ND Not detected at the reporting limit (or method detection limit if shown)

TestAmerica Los Angeles

3585-A Cadillac Ave.
Costa Mesa CA 92626

8-0921

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Client Contact Information		Project Manager: <u>Kris Carlson</u>		<u>LSF0212</u>		<u>L of L</u> COCs															
Company: <u>CARLSON ENVIRONMENTAL</u>		Phone: <u>704 506 7312</u>		Samples Collected By: <u>Jeff McNabb</u>																	
Address: <u>305 South Main Street</u>		Email: <u>carlsonenv@gmail.com</u>																			
City/State/Zip: <u>Monroe, NC 28112</u>		Site Contact: <u>Jeff McNabb</u>																			
Phone: <u>704 283 9765</u>		LAB Contact: <u>Sonia</u>																			
FAX: <u>704 283 9755</u>		Analysis Turnaround Time																			
Project Name: <u>Okeechobee H2S</u>		Standard (Specify) <u>X</u>																			
Site: <u>Okeechobee Landfill</u>		Rush (Specify)																			
PO #																					
Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum In Field, "Hg (Start)	Canister Vacuum In Field, "Hg (Stop)	Flow Controller ID	Tedlar Bag Canister ID	TO-15	TO-14A	TO-3	EPA 3C	EPA 28C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)	
SHAW 2A	6/23/09	1532	1535	N/A	N/A	N/A	CEC1							X						X	
SHAW 2B	6/23/09	1537	1540	N/A	N/A	N/A	CEC2							X						X	
		Temperature (Fahrenheit)																			
		Interior		Ambient																	
		Start		90°F																	
		Stop		90°F																	
		Pressure (inches of Hg)																			
		Interior		Ambient																	
		Start																			
		Stop																			
Special Instructions/QC Requirements & Comments:																					
Sample B is backup sample if needed Tedlar Bags METHOD EPA 15/16 H2S																					
Samples Shipped by: <u>Jeff McNabb</u>		Date/Time: <u>6/23/09 16:20</u>		Samples Received by:																	
Samples Relinquished by:		Date/Time: <u>6/24/09 0940</u>		Received by: <u>[Signature]</u>																	
Relinquished by:		Date/Time:		Received by:																	

Lab Use Only

Shipper Name:

Opened by:

Condition:

8 of 8

LSF0212

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

August 4, 2009

Mr. Tony Bishop
District Manager
Okeechobee Landfill, Inc.
10800 NE 128th Avenue
Okeechobee, FL 34972

**RE: Hydrogen Sulfide Sampling Results – July 2009
Berman Road Landfill – Okeechobee, FL
Facility ID No. 0930104**

Dear Tony:

Per your request, Carlson Environmental Consultants, PC (CEC) is submitting to Okeechobee Landfill, Inc. (Okeechobee) this Hydrogen Sulfide Sampling Report for July 2009 for the Berman Road Landfill (Landfill) located near Okeechobee, Florida. Hydrogen sulfide sampling is required to be performed monthly by the Florida Department of Environmental Protection (FDEP) under the Second Amended Consent Order.

Mr. Jeff McNabb of CEC and Mr. Jason Johns of Okeechobee performed the hydrogen sulfide sampling on July 30, 2009. CEC notified FDEP of the H₂S sampling in a letter dated July 16, 2009 and emailed to Mr. William Forrest (see attached).

Samples were collected in a 1-liter tedlar bag from an existing sampling port between the blowers and flare. CEC collected two (2) samples from Enclosed Flare 1. No landfill gas was being combusted at the odor control flare; therefore, per Okeechobee direction, no H₂S samples were taken for analysis. The LFG system appeared to be operating properly during sampling. CEC noted the LFG flows from the flow meters on the flare during sampling and the LFG quality was obtained from GEM 2000 monitoring.

Per Okeechobee direction, the two samples were shipped to Test America Laboratories on July 30, 2009 for analysis by US EPA Method 15/16 for Sulfur Compounds. Also per Okeechobee instruction, CEC analyzed one sample from the Enclosed Flare set. The remaining sample was retained as backup.

Test America analyzed the samples on July 31, 2009 and reported the results to CEC in a report dated July 31, 2009 and received by CEC on August 3, 2009. The results (lab report attached to this letter) and the field sampling data CEC collected were as follows:

Mr. Tony Bishop
August 4, 2009
Page 2 of 2

TABLE 1. HYDROGEN SULFIDE SAMPLING – LFG SYSTEM – JULY 2009

Sample Location	Enclosed Flare 1
H2S Concentration (ppmv)	2,100
LFG Flow (scfm)	2,343
Methane (%)	48.3
Carbon Dioxide (%)	36.7
Oxygen (%)	1.1
Balance Gas (%)	14.1

CEC appreciates the opportunity to provide engineering and environmental compliance services to Okeechobee Landfill, Inc. If you have any questions regarding this report, please feel free to contact me at (704) 283-9765.

Sincerely,



Kristofer L. Carlson, P.E.
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Jim Christiansen, WM
Jason Johns, OLI
Jeff McNabb, CEC

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

July 16, 2009

Mr. William Forrest
Engineering Specialist III
Florida Department of Environmental Protection
Southeast District Office, Air Program
400 North Congress Street, Suite 200
West Palm Beach, Florida 33401

Subject: Hydrogen Sulfide Gas Sampling Notification
Period: July 2009 Monthly Testing
Okeechobee Landfill, Inc. – Berman Road Landfill
Facility ID No. 0930104

Dear Mr. Forrest:

Per the request of Okeechobee Landfill, Inc. (OLI), Carlson Environmental Consultants, PC (CEC) is submitting this written notification to the Florida Department of Environmental Protection (FDEP) concerning upcoming hydrogen sulfide (H₂S) gas sampling at the Berman Road Landfill located near Okeechobee, Florida. CEC will be assisting OLI with the collection of landfill gas samples for H₂S analysis for compliance with the Second Amended Order. The sampling will be performed on Thursday, July 30, 2009 at approximately 2:00 pm. All samples will be collected via Tedlar bags from the active LFG collection system and overnight shipped to Test America Laboratory for analysis.

Please feel free to contact the undersigned at (704) 283-9765 or Mr. Tony Bishop of Okeechobee Landfill, Inc. at (863) 357-0111 if you have any questions concerning this upcoming testing event.

Sincerely,



Kristofer L. Carlson, PE
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Seth Nunes, PE, OLI
Jim Christiansen, OLI
Jason Johns, OLI
Jeff McNabb, CEC

July 31, 2009

LABORATORY REPORT

Client:

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Attn: Jeff McNabb

Work Order: LSG0258
Project Name: 1011 Okeechobee Landfill
Project Number: [none]
Date Received: 07/31/09

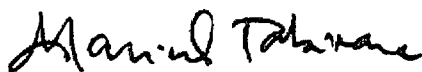
TestAmerica Los Angeles certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the Corrective Action Report. NELAC Certification Number for TestAmerica Los Angeles is E87652. The test results listed within this Laboratory Report pertain only to the samples tested in the laboratory. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica.

The Chain of Custody, 1 page, is included and is an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 714-258-8610.

Analyses included in this report were performed by the laboratory shown at the top of this report unless otherwise indicated.

Approved By:



Marisol Tabirara
Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

3585 Cadillac Avenue, Suite A Costa Mesa, CA 92626 * 714-258-8610 * Fax 714-258-0921

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSG0258

Received: 07/31/09 10:00

Reported: 07/31/09 15:00

Project: 1011 Okeechobee Landfill

Project Number: [none]

SAMPLE IDENTIFICATION

SHAW 1A

LAB NUMBER

LSG0258-01

COLLECTION

07/30/09 13:49

MATRIX

Air

CONTAINER TYPE

Tedlar Bag 1L

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSG0258

Received: 07/31/09 10:00

Reported: 07/31/09 15:00

Project: 1011 Okeechobee Landfill

Project Number: [none]

ANALYTICAL REPORT

Analyte	Result	Data		RL	Dilution	Date	Instrument	Analyst	QC
		Qualifiers	Units			Analyzed			Batch
Sample ID: LSG0258-01 (SHAW 1A - Air)						Sampled: 07/30/09 13:49			
EPA 15/16 - Sulfur Compounds									
Hydrogen sulfide	2100		ppmv	200	2000	07/31/09 10:58	GC7	YZ	9G31002

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSG0258
Project: 1011 Okeechobee Landfill
Project Number: [none]

Received: 07/31/09 10:00
Reported: 07/31/09 15:00

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Result	Data Qualifier	Units	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: 9G31002-BLK1 (Blank - Air)									
EPA 15/16 - Sulfur Compounds									
Hydrogen sulfide	ND		ppmv	0.10	1.00	07/31/09 9:24	GC7	YZ	9G31002

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSG0258
Project: 1011 Okeechobee Landfill
Project Number: [none]

Received: 07/31/09 10:00
Reported: 07/31/09 15:00

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 9G31002-BS1 (LCS - Air)											
EPA 15/16 - Sulfur Compounds											
Hydrogen sulfide	0.804		ppmv	0.10	1.00	0.980	82%	60 - 130	GC7	07/31/09 08:49	9G31002

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSG0258

Received: 07/31/09 10:00

Reported: 07/31/09 15:00

Project: 1011 Okeechobee Landfill

Project Number: [none]

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	RPD	Limit	Date Analyzed	QC Batch
Sample ID: 9G31002-BSD1 (LCS Dup - Air)												
EPA 15/16 - Sulfur Compounds												
Hydrogen sulfide	0.864		ppmv	0.10	1.00	0.980	88%	60 - 130	7	25	07/31/09 09:07	9G31002

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSG0258

Received: 07/31/09 10:00

Reported: 07/31/09 15:00

Project: 1011 Okeechobee Landfill

Project Number: [none]

DATA QUALIFIERS AND DEFINITIONS

ND Not detected at the reporting limit (or method detection limit if shown)

3585-A Cadillac Ave.
Costa Mesa CA 92626

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

THE LEADER IN ENVIRONMENTAL TESTING

8 of 8

[illegible]

Conditions

LSG0258

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

August 27, 2009

Mr. Tony Bishop
District Manager
Okeechobee Landfill, Inc.
10800 NE 128th Avenue
Okeechobee, FL 34972

**RE: Hydrogen Sulfide Sampling Results – August 2009
Berman Road Landfill – Okeechobee, FL
Facility ID No. 0930104**

Dear Tony:

Per your request, Carlson Environmental Consultants, PC (CEC) is submitting to Okeechobee Landfill, Inc. (Okeechobee) this Hydrogen Sulfide Sampling Report for August 2009 for the Berman Road Landfill (Landfill) located near Okeechobee, Florida. Hydrogen sulfide sampling is required to be performed monthly by the Florida Department of Environmental Protection (FDEP) under the Second Amended Consent Order.

Mr. Seth Nunes and Mr. Jason Johns performed the hydrogen sulfide sampling on August 19, 2009. CEC notified FDEP of the H₂S sampling in a letter dated August 4, 2009 and emailed to Mr. William Forrest (see attached).

Samples were collected in a 1-liter tedlar bag from an existing sampling port between the blowers and flare. Samples were collected from Enclosed Flare 1 and Enclosed Flare 2. No landfill gas was being combusted at the odor control flare; therefore, per Okeechobee direction, no H₂S samples were taken for analysis. The LFG system appeared to be operating properly during sampling. The LFG flows from the flow meters on the flare during sampling and the LFG quality was obtained from GEM 2000 monitoring. Per Okeechobee direction, the two samples were shipped to Test America Laboratories on August 19, 2009 for analysis by US EPA Method 15/16 for Sulfur Compounds.

Test America analyzed the samples on August 20, 2009 and reported the results to CEC in a report dated August 21, 2009 and received by CEC on August 24, 2009. The results (lab report attached to this letter) and the field sampling data collected were as follows:

Mr. Tony Bishop
August 27, 2009
Page 2 of 2

TABLE 1. HYDROGEN SULFIDE SAMPLING – LFG SYSTEM – AUGUST 2009

Sample Location	Enclosed Flare 1	Enclosed Flare 2
H2S Concentration (ppmv)	1,900	2,100
LFG Flow (scfm)	1,710	1,833
Methane (%)	44.8	44.4
Carbon Dioxide (%)	36.2	35.1
Oxygen (%)	1.7	1.9
Balance Gas (%)	17.4	18.6

CEC appreciates the opportunity to provide engineering and environmental compliance services to Okeechobee Landfill, Inc. If you have any questions regarding this report, please feel free to contact me at (704) 283-9765.

Sincerely,



Kristofer L. Carlson, P.E.
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Jim Christiansen, WM
Jeff McNabb, CEC

Carlson Environmental Consultants, PC

305 South Main Street
Monroe, NC 28112
704-283-9765
704-283-9755 fax

August 4, 2009

Mr. William Forrest
Engineering Specialist III
Florida Department of Environmental Protection
Southeast District Office, Air Program
400 North Congress Street, Suite 200
West Palm Beach, Florida 33401

Subject: Hydrogen Sulfide Gas Sampling Notification
Period: August 2009 Monthly Testing
Okeechobee Landfill, Inc. – Berman Road Landfill
Facility ID No. 0930104

Dear Mr. Forrest:

Per the request of Okeechobee Landfill, Inc. (OLI), Carlson Environmental Consultants, PC (CEC) is submitting this written notification to the Florida Department of Environmental Protection (FDEP) concerning upcoming hydrogen sulfide (H₂S) gas sampling at the Berman Road Landfill located near Okeechobee, Florida. CEC will be assisting OLI with the collection of landfill gas samples for H₂S analysis for compliance with the Second Amended Order. The sampling will be performed on Wednesday, August 19, 2009 at approximately 2:00 pm. All samples will be collected via Tedlar bags from the active LFG collection system and overnight shipped to Test America Laboratory for analysis.

Please feel free to contact the undersigned at (704) 283-9765 or Mr. Tony Bishop of Okeechobee Landfill, Inc. at (863) 357-0111 if you have any questions concerning this upcoming testing event.

Sincerely,



Kristofer L. Carlson, PE
Principal
Carlson Environmental Consultants, PC

cc: Tony Bishop, OLI
Jim Christiansen, OLI
Jason Johns, OLI
Jeff McNabb, CEC

August 21, 2009

LABORATORY REPORT

Client:

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Attn: Jeff McNabb

Work Order: LSH0112
Project Name: 1011 Okeechobee Landfill
Project Number: [none]
Date Received: 08/20/09

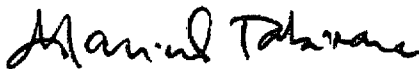
TestAmerica Los Angeles certifies that the test results provided in this report meet all NELAC requirements for parameters for which accreditation is required or available. Any exceptions to NELAC requirements are noted in the Corrective Action Report. NELAC Certification Number for TestAmerica Los Angeles is E87652. The test results listed within this Laboratory Report pertain only to the samples tested in the laboratory. This Laboratory Report is confidential and is intended for the sole use of TestAmerica and its client. This report shall not be reproduced, except in full, without written permission from TestAmerica.

The Chain of Custody, 1 page, is included and is an integral part of this report. This entire report was reviewed and approved for release.

If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 714-258-8610.

Analyses included in this report were performed by the laboratory shown at the top of this report unless otherwise indicated.

Approved By:



Marisol Tabirara
Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

3585 Cadillac Avenue, Suite A Costa Mesa, CA 92626 * 714-258-8610 * Fax 714-258-0921

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSH0112
Project: 1011 Okeechobee Landfill
Project Number: [none]

Received: 08/20/09 09:35
Reported: 08/21/09 15:07

<u>SAMPLE IDENTIFICATION</u>	<u>LAB NUMBER</u>	<u>COLLECTION</u>	<u>MATRIX</u>	<u>CONTAINER TYPE</u>
FLARE 1	LSH0112-01	08/19/09 15:49	Air	Tedlar Bag 1L
FLARE 2	LSH0112-02	08/19/09 16:01	Air	Tedlar Bag 1L

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSH0112
Project: 1011 Okeechobee Landfill
Project Number: [none]

Received: 08/20/09 09:35
Reported: 08/21/09 15:07

ANALYTICAL REPORT

Analyte	Result	Data		RL	Dilution	Date	Instrument	Analyst	QC
		Qualifiers	Units			Analyzed			Batch
Sample ID: LSH0112-01 (FLARE 1 - Air)						Sampled: 08/19/09 15:49			
EPA 15/16 - Sulfur Compounds									
Hydrogen sulfide	1900		ppmv	250	2500	08/20/09 10:14	GC7	YZ	9H20002

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSH0112

Received: 08/20/09 09:35

Reported: 08/21/09 15:07

Project: 1011 Okeechobee Landfill

Project Number: [none]

ANALYTICAL REPORT

Analyte	Result	Data		RL	Dilution	Date	Instrument	Analyst	QC
		Qualifiers	Units			Analyzed			Batch
Sample ID: LSH0112-02 (FLARE 2 - Air)						Sampled: 08/19/09 16:01			
EPA 15/16 - Sulfur Compounds									
Hydrogen sulfide	2100		ppmv	250	2500	08/20/09 10:05	GC7	YZ	9H20002

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

3585 Cadillac Avenue, Suite A Costa Mesa, CA 92626 * 714-258-8610 * Fax 714-258-0921

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSH0112
Project: 1011 Okeechobee Landfill
Project Number: [none]

Received: 08/20/09 09:35
Reported: 08/21/09 15:07

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Result	Data Qualifier	Units	RL	Dilution	Date Analyzed	Instrument	Analyst	QC Batch
Sample ID: 9H20002-BLK1 (Blank - Air)									
EPA 15/16 - Sulfur Compounds									
Hydrogen sulfide	ND		ppmv	0.10	1.00	08/20/09 8:00	GC7	YZ	9H20002

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSH0112
Project: 1011 Okeechobee Landfill
Project Number: [none]

Received: 08/20/09 09:35
Reported: 08/21/09 15:07

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	Instrument	Date Analyzed	QC Batch
Sample ID: 9H20002-BS1 (LCS - Air)											
EPA 15/16 - Sulfur Compounds											
Hydrogen sulfide	0.772		ppmv	0.10	1.00	0.980	79%	60 - 130	GC7	08/20/09 07:24	9H20002

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSH0112
Project: 1011 Okeechobee Landfill
Project Number: [none]

Received: 08/20/09 09:35
Reported: 08/21/09 15:07

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Result	Data Qualifiers	Units	RL	Dilution	Spike Conc	% Rec	Target Range	RPD	Limit	Date Analyzed	QC Batch
Sample ID: 9H20002-BSD1 (LCS Dup - Air)												
EPA 15/16 - Sulfur Compounds												
Hydrogen sulfide	0.840		ppmv	0.10	1.00	0.980	86%	60 - 130	8	25	08/20/09 07:42	9H20002

Carlson Environmental Consultants Monroe
305 South Main Street
Monroe, NC 28112
Jeff McNabb

Work Order: LSH0112

Project: 1011 Okeechobee Landfill

Project Number: [none]

Received: 08/20/09 09:35

Reported: 08/21/09 15:07

DATA QUALIFIERS AND DEFINITIONS

ND Not detected at the reporting limit (or method detection limit if shown)

3585-A Cadillac Ave.
Costa Mesa CA 92626

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples.

THE LEADER IN ENVIRONMENTAL TESTING

18-0921

Client Contact Information			Project Manager: KRIS CARLSON			LSH012			1 of 1 COCs													
Company: CARLSON ENVIRONMENTAL			Phone: 704-283-9765			Samples Collected By: SETH NUNES																
Address: 305 SOUTH MAIN STREET			Email: Carlsonenv@gmail.com																			
City/State/Zip: MONROE NC 28112			Site Contact: TONY BISHOP																			
Phone: 704-283-9765			LAB Contact: SONIA																			
FAX: 704-283-9755			Analysis Turnaround Time																			
Project Name: OKEECHOBEE #25			Standard (Specify) X																			
Site: OKEECHOBEE LANDFILL			Rush (Specify)																			
PO #																						
Sample Identification			Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	TEDLAR BAG Canister ID	TO-15	TO-14A	TO-3	EPA 8C	EPA 20C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
FLARE 1			8/19/09	1549	1553	N/A	N/A	N/A								X						X
FLARE 2			8/19/09	1601	1606	N/A	N/A	N/A								X						X
			Temperature (Fahrenheit)																			
			Interior		Ambient																	
			Start		92°F																	
			Stop		92°F																	
			Pressure (Inches of Hg)																			
Interior		Ambient																				
Start																						
Stop																						
Special Instructions/QC Requirements & Comments:																						
TEST BOTH TEDLAR BAGS METHOD EPA 15/16 H2S																						
Samples Shipped by: SETH NUNES			Date/Time: 8/19/09 1620			Samples Received by:																
Samples Relinquished by:			Date/Time: 8/20/09 0935			Received by: [Signature]																
Relinquished by:			Date/Time:			Received by: [Signature]																

9 of 5

LSH0112

Lab Use Only

Shipper Name:

Opened by:

Conditions