May 4. 2009

Mr. John J. Gay
Air Compliance and Enforcement
FDEP Northeast District Office
7825 Baymeadows Way. Suite B200
Jacksonville. Florida 32256

RE: East Municipal Solid Waste Landfill
Surface Scan
Permit No. 0310318-004-AV

Dear Mr. Gay:

This is the report for the surface scan conducted on the City of Jacksonville. East Municipal Solid Waste Landfill for March 28. 2009. There were no detections of methane above the 500 ppm limit during the surface scan event. Attached is the surface scan route map.

This surface scan is currently being conducted on an annual basis. There were no detections over 500 ppm for more than four consecutive quarters. Therefore. in accordance with 40 CFR60.756(f). the surface scan frequency is annually.

If you have any questions or comments regarding this report. please call me at (904)-472-4720.

Very truly yours.

Ronald L. Moore
Project Manager
AECOM/Earth Tech

Attachment

Cc: Florida DEP. (Tallahassee. FL)
Wayne Tutt. (City of JAX. Air Quality Division)
Chris Pearson. (City of JAX. Solid Waste)
Mike Beaudoin. (AECOM)

Monitoring Instrument Performance Evaluation
NSPS Surface Scan

40 CFR 60.755(d)(3) requires performance evaluation of response factor, response time and calibration precision according to the section 4.4 of 40 CFR 60 Appendix A, Method 21. The requirements are presented below along with locations to record the evaluations.

Response Factor:
Response factor is the ratio of the known concentration of a VOC compound to the observed meter reading when measured using an instrument calibrated with the reference compound specified in the applicable regulation. Since the monitoring instrument is being used to detect methane and the calibration reference compound is methane, the response factor by definition is one. No further evaluation is required.

Response Time:
Response time is the time interval from a step change in VOC concentration at the input of the sampling system to the time at which 90 percent of the corresponding final value is reached as displayed on the instrument readout meter.

Performance Requirement: Section 3.1.2(b) of Method 21 requires the instrument response time to be equal to or less than 30 seconds.

Evaluation Frequency: Prior to placing instrument into service (for the first time or after it was out of service for maintenance or repair). If modification to the sample pumping system or flow configuration is made that would change the response time, a new test is required prior to further use.

Evaluation Procedure: (Section 4.4.3 of Method 21) Calibrate instrument with the methane calibration gas. Introduce zero gas into the instrument sample probe. When the meter reading has stabilized, switch quickly to the specified calibration gas. Measure the time from switching to when 90 percent of the final stable reading is attained. Perform this test sequence three time and record the results. Calculate the average response time. Use the form below or a similar format to document this procedure.

Date:	3/28/09
Operator Name:	Ron Moore
Facility:	East Landfill (Jacksonville, FL)
Instrument ID:	Photovac microFiD I/S
Calibration Gas Conc.:	500 ppm CH4
90% of Calib. Gas Conc.:	450 ppm CH4

Trial No.	Time to reach 90% gas value
1	22.0 seconds
2	21.0 seconds
3	23.0 seconds
Average	22.0 seconds

Is instrument response time less than or equal to 30 seconds? (If yes, then performance is acceptable)

_X_ Yes ___ No

Monitoring Instrument Performance Evaluation
NSPS Surface Scan
(cont.)

Calibration Precision:

Calibration precision is the degree of agreement between measurements of the same known value, expressed as the relative percentage of the average difference between the meter readings and the known concentration to the known concentration.

Performance Requirement: The calibration precision must be equal to or less than 10 percent of the calibration gas value.

Evaluation Frequency: Must be completed prior to placing instrument into service, and at subsequent 3-month intervals or at the next use whichever is later.

Evaluation Procedure: (Section 4.4.2 of Method 21) Calibrate instrument with the methane calibration gas. Make a total of three measurements by alternately using zero gas and the specified calibration gas. Record the meter readings. Calculate the average algebraic difference between the meter readings and the known value. Divide this average difference by the known calibration value and multiply by 100 to express the resulting calibration precision as a percentage.

Date:	3/28/09
Operator Name:	Ron Moore
Facility:	East Landfill (Jacksonville, FL)
Instrument ID:	Photovac microFiD I/S
Calibration Gas Conc.:	500 ppm CH4

Trial No.	Meter Reading After Zero Gas	Meter Reading with Cal Gas	Difference Between Cal Gas and Meter Reading
1	0.0 ppm	490 ppm	10.0 ppm
2	0.0 ppm	500 ppm	0.0 ppm
3	0.0 ppm	495 ppm	5.0 ppm

Average Difference: 5.0 ppm

Calibration Precision = Average Difference/Calibration Gas Conc. X 100
= 5.0 / 500 X 100
= 1.0 %

Is calibration precision equal to or less than 10 percent of the calibration gas value? (If yes, then performance is acceptable):

_X_ Yes ___ No

Table 2
Instrument Calibration and Monitoring Procedures
Surface Monitoring Design Plan

The calibration procedures in section 4.2 of 40 CFR 60 Appendix A, Method 21 must be conducted immediately before commencing a surface monitoring survey. [40 CFR 60.755(d)(4)] Calibration, background readings and monitoring details can be recorded using this form.

Calibration Procedure:
The calibration gas should be methane in air at a nominal concentration of 500 ppm. [See section 3.2 of Method 21 for further calibration gas requirements.]

Assemble and start up the analyzer according to the manufacturer's instructions. After the appropriate warm-up period and zero internal calibration procedure, introduce the calibration gas into the instrument sample probe. Adjust the instrument meter readout to correspond to the calibration gas value. Record the calibration information in the table below.

Background Concentration:
Determine the background concentration by moving the probe inlet upwind outside the boundary of the landfill at a distance of at least 30 meters from the perimeter wells. Record the background concentration and location in the table below.

General Information:

Date:	3/28/09
Operator Name:	Ron Moore
Facility:	East Landfill (Jacksonville, FL)
Instrument ID:	Photovac microFiD I/S
Wind Direction:	South
Approximate Wind Speed	10 mph
General Weather: 68 °F	
clear, partly cloudy, overcast:	clear (circle one or write in)
no precip, drizzle, rain, snow:	no precip (circle one or write in)

Calibration Information:

Calibration Gas Conc.:	500 ppm CH4
Conduct internal zero calibration?	Yes
Instrument reading after calibration:	500 ppm CH4 (should be same as above)
Time of Calibration:	08:00 a.m.

Background Concentration Information:

Background concentration upwind of site:	0 ppm	Average Background:
Location of background reading:	South side of landfill	0 ppm
Background concentration downwind of site:	0 ppm	New "Leak" definition:
Location of background reading:	North side of landfill	500 ppm

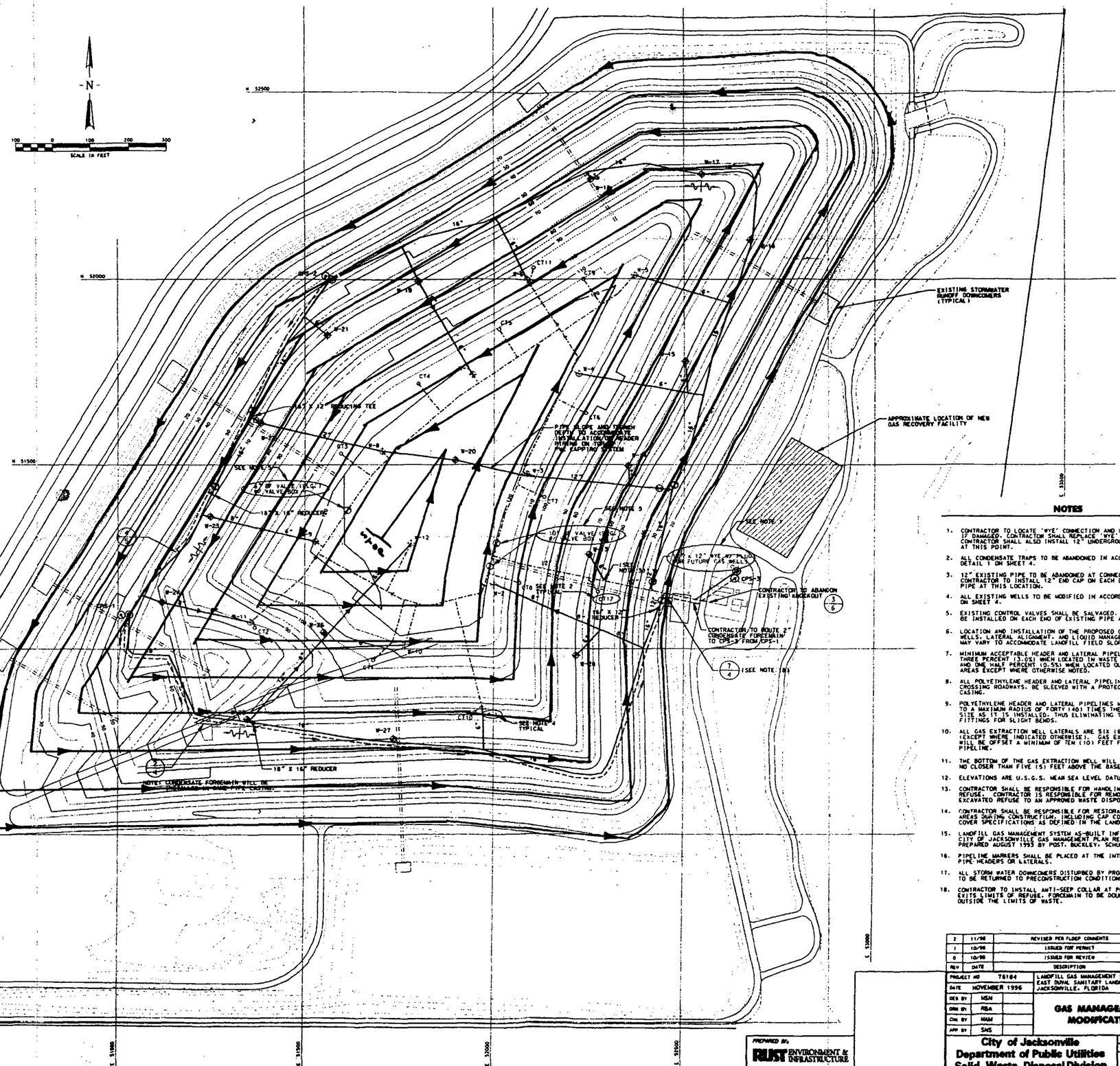
LEGEND

- EXISTING GAS EXTRACTION WELL
- PROPOSED GAS EXTRACTION WELL
- PROPOSED GAS COLLECTION PIPELINE
- CONDENSATE PUMP STATION DISCHARGE LINE
- EXISTING GAS HEADER TO BE ABANDONED
- CONDENSATE KNOCKOUT
- CONDENSATE PUMP STATION
- HEADER CASING
- UNDERGROUND CONTROL VALVE
- HIGH POINT IN HEADER
- REDUCER
- EXISTING CONDENSATE TRAP TO BE ABANDONED (1/6)

EAST DUVAL SANITARY LANDFILL
NEW GAS EXTRACTION WELL SCHEDULE

WELL NUMBER	COORDINATES NORTH	COORDINATES EAST	SURFACE ELEVATION APPROX. (1)	SOLID PIPE (2)	SLOTTED PIPE (2)
W-13	51256.3	52252.2	TO	20	20
W-14	51497.2	52364.3	TO	20	20
W-15	51760.2	52503.8	TO	20	20
W-16	52106.3	52672.7	TO	20	20
W-17	52282.8	52947.3	68	28	27
W-18	52266.8	52256.9	TO	20	20
W-19	51995.0	51797.4	TO	20	20
W-20	51512.3	51896.7	122	40	52
W-21	51848.2	51559.2	TO	20	20
W-22	51612.8	51382.1	TO	20	20
W-23	51360.1	51240.2	72	21	21
W-24	51127.1	51117.4	TO	20	20
W-25	50811.2	51347.5	81	26	25
W-26	51044.8	51550.5	104	37	37
W-27	50757.8	51735.9	TO	20	20
W-28	50981.7	52220.9	TO	20	20

1. SURFACE ELEVATION WILL BE FIELD VERIFIED PRIOR TO INSTALLATION.
2. LENGTH OF SOLID AND SLOTTED PIPE MAY BE MODIFIED TO ACCOMMODATE DEVIATIONS IN SURFACE AND LANDFILL BASE ELEVATIONS.
3. LANDFILL BASE ELEVATION ASSUMED TO BE 25 FASL.



NOTES

1. CONTRACTOR TO LOCATE 'WYE' CONNECTION AND USE IF NOT DAMAGED. IF DAMAGED, CONTRACTOR SHALL REPLACE 'WYE' WITH 'TEE'. CONTRACTOR SHALL ALSO INSTALL 12" UNDERGROUND CONTROL VALVE AT THIS POINT.
2. ALL CONDENSATE TRAPS TO BE ABANDONED IN ACCORDANCE WITH DETAIL 1 ON SHEET 4.
3. 12" EXISTING PIPE TO BE ABANDONED AT CONNECTION TO W-13. CONTRACTOR TO INSTALL 12" END CAP ON EACH END OF EXISTING PIPE AT THIS LOCATION.
4. ALL EXISTING WELLS TO BE MODIFIED IN ACCORDANCE WITH DETAIL 2 ON SHEET 4.
5. EXISTING CONTROL VALVES SHALL BE SALVAGED. BLIND FLANGES SHALL BE INSTALLED ON EACH END OF EXISTING PIPE AT THESE LOCATIONS.
6. LOCATION AND INSTALLATION OF THE PROPOSED GAS EXTRACTION WELLS, LATERAL ALIGNMENT, AND LIQUID MANAGEMENT FACILITIES MAY VARY TO ACCOMMODATE LANDFILL FIELD SLOPE.
7. MINIMUM ACCEPTABLE HEADER AND LATERAL PIPELINE SLOPE IS THREE PERCENT (3.0%) WHEN LOCATED IN WASTE DISPOSAL AREAS, AND ONE HALF PERCENT (0.5%) WHEN LOCATED OUT OF WASTE DISPOSAL AREAS EXCEPT WHERE OTHERWISE NOTED.
8. ALL POLYETHYLENE HEADER AND LATERAL PIPELINES SHALL, WHEN CROSSING ROADWAYS, BE SLEEVED WITH A PROTECTIVE STEEL CASING.
9. POLYETHYLENE HEADER AND LATERAL PIPELINES MAY BE COLD-BENT TO A MAXIMUM RADIUS OF FORTY (40) TIMES THE PIPE DIAMETER SIZE AS IT IS INSTALLED, THUS ELIMINATING THE NEED FOR ELBOW FITTINGS FOR SLIGHT BENDS.
10. ALL GAS EXTRACTION WELL LATERALS ARE SIX (6) INCH DIAMETER (EXCEPT WHERE INDICATED OTHERWISE). GAS EXTRACTION WELLS WILL BE OFFSET A MINIMUM OF TEN (10) FEET FROM THE HEADER PIPELINE.
11. THE BOTTOM OF THE GAS EXTRACTION WELL WILL BE INSTALLED NO CLOSER THAN FIVE (5) FEET ABOVE THE BASE OF LANDFILL.
12. ELEVATIONS ARE U.S.G.S. MEAN SEA LEVEL DATUM.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR HANDLING OF ALL EXCAVATED REFUSE. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF THE EXCAVATED REFUSE TO AN APPROVED WASTE DISPOSAL FACILITY.
14. CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORATION OF DISTURBED AREAS DURING CONSTRUCTION, INCLUDING CAP COMPACTION TO FINAL COVER SPECIFICATIONS AS DEFINED IN THE LANDFILLS CLOSURE PERMIT.
15. LANDFILL GAS MANAGEMENT SYSTEM AS-BUILT INFORMATION FROM CITY OF JACKSONVILLE GAS MANAGEMENT PLAN RECORD DOCUMENTATION PREPARED AUGUST 1993 BY POST, BUCKLEY, SCHUH & JERNIGAN, INC..
16. PIPELINE MARKERS SHALL BE PLACED AT THE INTERSECTION OF ALL PIPE HEADERS OR LATERALS.
17. ALL STORM WATER DOWNCOMERS DISTURBED BY PROJECT CONSTRUCTION TO BE RETURNED TO PRECONSTRUCTION CONDITIONS BY CONTRACTOR.
18. CONTRACTOR TO INSTALL ANTI-SEEP COLLAR AT POINT WHERE FORCEMAIN EXITS LIMITS OF REFUSE. FORCEMAIN TO BE DOUBLE CONTAINED OUTSIDE THE LIMITS OF WASTE.

REV	DATE	DESCRIPTION	DES BY	APP BY
2	11/96	REVISED PER FDEP COMMENTS		
1	10/96	ISSUED FOR PERMIT		
0	10/96	ISSUED FOR REVIEW		

PREPARED BY:
RUST ENVIRONMENT & INFRASTRUCTURE
SOLID WASTE DIVISION - OAK BROOK

PROJECT NO	76184
DATE	NOVEMBER 1996
DES BY	MSN
DRN BY	RBA
CHK BY	MAM
APP BY	SMS

LANDFILL GAS MANAGEMENT SYSTEM MODIFICATION PLAN
EAST DUVAL SANITARY LANDFILL
JACKSONVILLE, FLORIDA

GAS MANAGEMENT SYSTEM MODIFICATION PLAN

City of Jacksonville
Department of Public Utilities
Solid Waste Disposal Division

SHEET 1 OF 5
DRAWING NO 1

Surface Scan performed 3-28-09

0 detections over the 500 ppm limit.

Ronald V. Mann
AECOM/EarthTech

May 4, 2009

Mr. Raymond Barata
Air Compliance and Enforcement
FDEP Northeast District Office
7825 Baymeadows Way, Suite B200
Jacksonville, FL 32256

Re: Visible Emissions Test
Permit No. 0310318-004-AV
City of Jacksonville, East Municipal Landfill

Dear Mr. ~~Walker~~ Barata

Visible emission testing was performed for the City of Jacksonville's East Municipal Landfill on April 2, 2009. There currently are two operational engines at the East Municipal Landfill Gas Plant. The engines are Engine #2 and Engine #3. The engines had not run this year until March 2nd, when the Plant's flow computer was replaced. The two engines were tested using EPA method 9, in accordance with the landfill permit.

The testing was performed by George H. Hawkins, (Ambient Air Services, Inc.), as detailed on the attached data sheets.

The inlet gas flow to Engine #2 during the test was 7.90 MMbtu/hour at 247 scfm.

The inlet gas flow to Engine #3 during the test was 7.26 MMbtu/hour at 228 scfm.

Should you have any questions or require additional information, please call me at (904) 472-4720.

Sincerely,

Ronald L. Moore
Project Manager
AECOM/Earth Tech

Attachment

CC: US EPA - Atlanta, GA (Air Enforcement Section)
Florida DEP - Tallahassee, FL (Air Resource Management)
Wayne Walker – City of Jacksonville (Air Quality Dept.)
Chris Pearson - City of Jacksonville (Solid Waste Division)
Mike Beaudoin - AECOM

Ambient Air Services, Inc.

106 Ambient Airway • Starke, FL 32091 • (904) 964-8440 • FAX (904) 964-6675

April 6, 2009

Mr. Ronald L. Moore, Project Manager
AECOM/Earth Tech
13245 Atlantic Blvd., Suite 4-311
Jacksonville, FL 32225

RE: Visible Emissions Tests
Engine #2
Engine #3

Dear Mr. Moore:

Included with this letter are the visible emissions test on Engine #2 and Engine #3 tested on April 2, 2009. A copy of the Field Data Test Sheet, the Visible Emissions Test Data Sheets, the Process Weight Certifications, and a copy of the Observer's Certification should be sent to the Florida Department of Environmental Protection within 45 days of the test date of April 2, 2009. It should be sent to:

Mr. Raymond Barata, Environmental Specialist
Florida Department of Environmental Protection
7825 Baymeadows Way, Suite 200B
Jacksonville, FL 32256-7590

If you have any questions, please contact me at (904) 964-8440.

Sincerely,

David C. Sholtes

DCS:sha

VISIBLE EMISSIONS
TEST DATA

FACILITY:	City of Jacksonville East Municipal Landfill
FACILITY ADDRESS:	515 Girvin Road Jacksonville, FL 32225
MAILING ADDRESS:	13245 Atlantic Blvd., Suite 4-311 Jacksonville, FL 32225
SOURCE IDENTIFICATION:	(4EK01066) Engine #2 (4EK01065) Engine #3
COMPANY CONTACT:	Ronald Moore
TEST CONDUCTED BY:	George H. Hawkins
TEST DATE AND TIME:	April 2, 2009 Engine #2: 09:22-10:22 Engine #3: 10:35-11:35
COMMENTS:	Standard test, no exceptions.

A A S I	Ambient Air Services, Inc. 106 Ambient Air Way Starke, Florida 32091 OFFICE 904 - 964-8440 FAX 904 -964-6675

PAGE 1 OF 1

START TIME 0922 END TIME 1032

OBSERVATION DATE 04/02/09 TIME ZONE EASTERN

FACILITY East Municipal Landfill

SOURCE #2 Engine Generator

ADDRESS 515 Girvin Rd.

CITY Jacksonville STATE FL

PHONE SOURCE ID NO.

PROCESS bio-gas generator OPERATING MODE: see chart

CONTROL EQUIP. - OPERATING MODE: -

DESCRIBE EMISSION POINT 4 of four horz. stacks on west side bldg. second from North.

HEIGHT OF EMISSION POINT START ~30' END 30'

HEIGHT RELATIVE TO OBSERVER START ~25' END 25'

DISTANCE TO EMISSIONS POINT START ~80' END 80'

DIRECTION TO EM. PT. START 280° END 280°

VERTICAL ANGLE TO OBS. PT. START 15° END 15°

DESCRIBE EMISSIONS START exhaust END SAME

EMISSION COLOR START - END -

WATER DROPLET PLUME YES (NO) ATTACHED DETACHED

DESCRIBE PLUME BACKGROUND START sky END sky

BACKGROUND COLOR START white haze END same

SKY CONDITION START cloudy END cloudy

WIND SPEED START <2-3 END <2-4

WIND DIRECTION START E END E

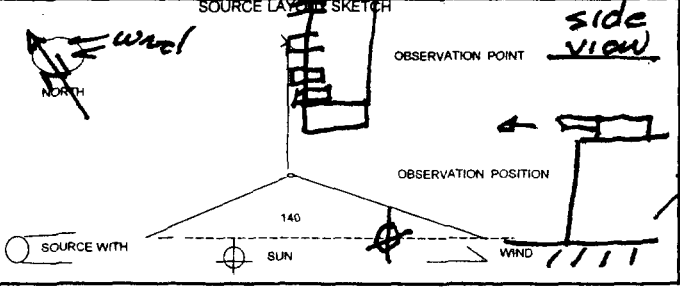
AMBIENT TEMPERATURE START 75° END 75°

WET BULB TEMP 72° %RH 85

COMMENTS.....

SEC/MIN	0	15	30	45	SEC/MIN	0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
29	0	0	0	0	59	0	0	0	0
30	0	0	0	0	60	0	0	0	0

SOURCE LAYOUT SKETCH



AVERAGE OPACITY FOR HIGHEST SIX MINUTE PERIOD: 0

OBSERVER'S NAME George H Hawkins

SIGNATURE George H Hawkins DATE 04/02/09

ORGANIZATION Ambient Air Services, Inc.

CERTIFIED BY ETA 11/19/08

A A S I	Ambient Air Services, Inc. 106 Ambient Air Way Starke, Florida 32091 OFFICE 904 - 964-8440 FAX 904 -964-6675

PAGE 1 OF 1

START TIME 1035 END TIME 1135

OBSERVATION DATE 04/02/09 TIME ZONE Eastern

FACILITY East Municipal Landfill

SOURCE #3 Engine Generator

ADDRESS 515 Gravin Rd

CITY Jacksonville STATE FL

PHONE SOURCE ID NO.

PROCESS bio-gas generator OPERATING MODE: see chart

CONTROL EQUIP. — OPERATING MODE: —

DESCRIBE EMISSION POINT of four horz. stacks on west side of bldg. second from south

HEIGHT OF EMISSION POINT START ~30' END 30'

HEIGHT RELATIVE TO OBSERVER START ~25' END 25'

DISTANCE TO EMISSIONS POINT START ~70' END 70'

DIRECTION TO EM. PT. START 320° END 320°

VERTICAL ANGLE TO OBS. PT. START 21° END 21°

DESCRIBE EMISSIONS START exhaust END same

EMISSION COLOR START — END —

WATER DROPLET PLUME YES (NO) ATTACHED DETACHED

DESCRIBE PLUME BACKGROUND START sky END sky

BACKGROUND COLOR START gray END gray

SKY CONDITION START overcast END same

WIND SPEED START 3-4 END <3-6

WIND DIRECTION START E END E

AMBIENT TEMPERATURE START 77° END 77°

WET BULB TEMP 72° %RH 78

COMMENTS.....

SEC/MIN	0	15	30	45	SEC/MIN	0	15	30	45
1	0	0	0	0	31	0	0	0	0
2	0	0	0	0	32	0	0	0	0
3	0	0	0	0	33	0	0	0	0
4	0	0	0	0	34	0	0	0	0
5	0	0	0	0	35	0	0	0	0
6	0	0	0	0	36	0	0	0	0
7	0	0	0	0	37	0	0	0	0
8	0	0	0	0	38	0	0	0	0
9	0	0	0	0	39	0	0	0	0
10	0	0	0	0	40	0	0	0	0
11	0	0	0	0	41	0	0	0	0
12	0	0	0	0	42	0	0	0	0
13	0	0	0	0	43	0	0	0	0
14	0	0	0	0	44	0	0	0	0
15	0	0	0	0	45	0	0	0	0
16	0	0	0	0	46	0	0	0	0
17	0	0	0	0	47	0	0	0	0
18	0	0	0	0	48	0	0	0	0
19	0	0	0	0	49	0	0	0	0
20	0	0	0	0	50	0	0	0	0
21	0	0	0	0	51	0	0	0	0
22	0	0	0	0	52	0	0	0	0
23	0	0	0	0	53	0	0	0	0
24	0	0	0	0	54	0	0	0	0
25	0	0	0	0	55	0	0	0	0
26	0	0	0	0	56	0	0	0	0
27	0	0	0	0	57	0	0	0	0
28	0	0	0	0	58	0	0	0	0
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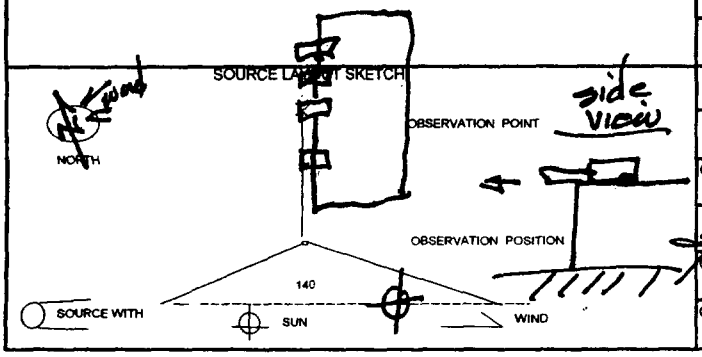
30	0	0	0	0	60	0	0	0	0

SOURCE LAYOUT SKETCH



AVERAGE OPACITY FOR HIGHEST SIX MINUTE PERIOD: 0

OBSERVER'S NAME George H Hawkins

SIGNATURE George H Hawkins DATE 04/02/09

ORGANIZATION Ambient Air Services, Inc.

CERTIFIED BY ETA 11/19/08

PROCESS WEIGHT CERTIFICATION

COMPANY: City of Jacksonville

FACILITY: East Landfill DATE: 4-2-09

ADDRESS: 515 Girvin Rd Jacksonville, FL 32225

MAILING ADDRESS: 13245 Atlantic Blvd Suite 4-311 Jacksonville, FL 32225

SOURCE IDENTIFICATION[1]: Engine #2 (4EK010066)

PERMITTED PROCESS RATE[1]: 800 KW

METHOD USED TO DETERMINE PROCESS WEIGHT: NA

TEST No.	TEST TIME FROM	TO	PROCESS RATE DURING TEST
1	0930	to 1030	695 KW / 247 scfm
		to	
		to	

(1) Identify the source and report the process rate in the same terms as found on the air operations permit.

I certify the above statement is true to the best of my knowledge and belief.

Certifier's Name (Printed): Ron Moore

Signature: Ron Moore

Title: Project Manager Affiliation: AECOM / Earth Tech

Phone: 904-472-4720

PROCESS WEIGHT CERTIFICATION

COMPANY: City of Jacksonville

FACILITY: East Landfill DATE: 4-2-09

ADDRESS: 515 Girvin Rd Jacksonville, FL 32225

MAILING ADDRESS: 13245 Atlantic Blvd Suite 4-311 Jacksonville, FL 32225

SOURCE IDENTIFICATION[1]: Engine #3 (4EK01065)

PERMITTED PROCESS RATE[1]: 800 kW

METHOD USED TO DETERMINE PROCESS WEIGHT: NA

TEST No.	TEST TIME FROM	TO	PROCESS RATE DURING TEST
2	1035	to 1135	679 kW / 228 scfm
		to	
		to	

(1) Identify the source and report the process rate in the same terms as found on the air operations permit.

I certify the above statement is true to the best of my knowledge and belief.

Certifier's Name (Printed): Ron Moore

Signature: Ron Moore

Title: Project Manager Affiliation: AECOM / Earth Tech

Phone: 904-472-4720

VISIBLE EMISSIONS EVALUATOR

This is to certify that

GEORGE HAWKINS

met the specifications of Federal Reference Method 9 and qualifies as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, NC. This certificate is valid for six months from date of issue and is...

369962
CERT NUMBER

11/19/2008
DATE OF SCHOOL

JACKSONVILLE, FL
SCHOOL LOCATION

5/21/2009
CERTIFICATION EXP DATE

HAW627343
STUDENT ID NUMBER

Michael A. Langford
MANAGER OF TRAINING SERVICES

EASTERN TECHNICAL ASSOCIATES

GEORGE HAWKINS

HAW627343 STUDENT ID NUMBER

met the specifications of Federal Reference Method 9 and qualifies as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, NC. This certificate is valid for six months from date of issue and expires on the date below.

JACKSONVILLE, FL	11/19/2008	369962
SCHOOL LOCATION	DATE OF SCHOOL	CERT NUMBER
JAXS08	5/21/2009	
LAST LECTURE	CERTIFICATION EXP DATE	BEARER

Customer Support
Debbie or Sheila
919-878-3188

www.eta-is-opacity.com