



November 7, 2016

ENV-16-134

Mr. F. Thomas Lubozynski
Program Administrator
Florida Department of Environmental Protection
Central District Office
3319 Maguire Boulevard Suite 232
Orlando, FL 32803

Re: Quarterly Landfill Gas Monitoring Report – Fourth Quarter 2016
Volusia County's Tomoka Farms Road
Permit No. S064-0078767

Dear Mr. Lubozynski:

Enclosed please find a copy of the Fourth Quarter 2016 Landfill Gas Monitoring Report for Volusia County's Tomoka Farms Road Landfill.

If you have any comments or questions regarding this matter please contact me at (386)947-2952 or jstirk@co.volusia.fl.us.

Sincerely,

Jennifer R. Stirk
Environmental Specialist III

Enclosure: Landfill Gas Monitoring Report

CC: file

**Fourth Quarter 2016
Tomoka Farms Road Landfill
11/02/2016
C.T.Quinn**

Building	CH4 Percent	LEL Percent
Scale House	0.0	0.0
Maintenance Building	0.0	0.0
Administration Building	0.0	0.0
HHW Building	0.0	0.0
GEL Corp Building	0.0	0.0
WWTP Building	0.0	0.0

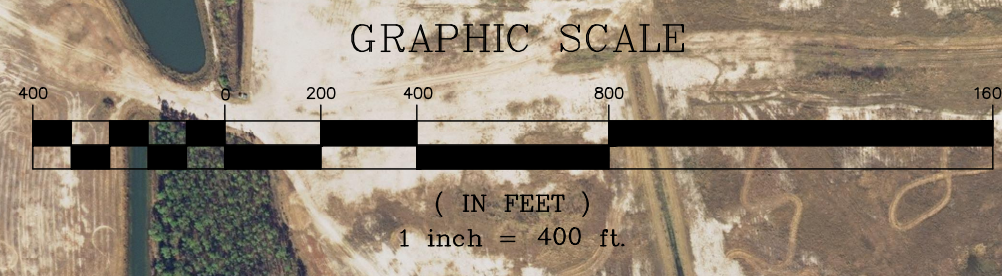
**Gas Monitoring Report
Tomoka Farms Road Landfill**

Gas Probes	CH4 Percent	LEL Percent
MW-1	0.0	0.0
MW-2	0.0	0.0
MW-3	0.0	0.0
MW-4	0.0	0.0
MW-5	0.0	0.0
MW-7	0.0	0.0
MW-8	0.0	0.0



SURVEYOR'S NOTES:

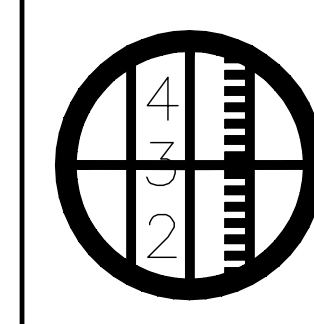
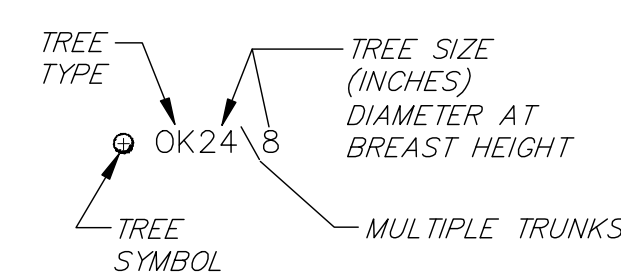
1. THERE MAY BE ADDITIONAL DESCRIPTIONS AND/OR OTHER MATTERS THAT ARE NOT SHOWN ON THIS PLAT OF SURVEY. A SKETCH OF DESCRIPTION THAT MAY BE FOUND IN THE SURVEY RECORDS OR THIS SURVEY SKETCHES OF THE PROPERTY TO BE SURVEYED BY ANY AGENTS.
2. DIMENSIONS ARE SHOWN IN FEET AND DECIMALS THEREOF.
3. BEARING SURVEYS ARE BASED ON STATE PLACEMENT WITH THE BEARING OF THE LINE BEING TO WHICH BEING SEB9273394.
4. UNDERGROUND FOUNDATIONS, IF ANY, NOT LOCATED.
5. ALL DIMENSIONS REFERRED TO ARE TO THE CENTER OF THE BOUNDARY LINE, UNLESS OTHERWISE SPECIFIED.
6. NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL SEAL OF A FLORIDA LICENSED SURVEYOR AND MATERIAL.
7. DIMENSIONS OTHERWISE SHOWN, RECORD DISTANCES AND BEARINGS AND FIELD MEASUREMENTS AND DIRECTIONS ARE THE SAME.



LOCATION OF GAS MONITORING WELLS

ADDITIONAL ABBREVIATIONS—TREE LEGEND

CP	CAMPHOR TREE	MG	MAGNOLIA
MP	MAPLE TREE	BY	BAY TREE
SC	SYCAMORE TREE	EM	ELM TREE
OK	OAK TREE	CT	CHERRY TREE
SG	SWEET GUM TREE	PN	PINE TREE
HK	HICKORY TREE	PM	PALM TREE
BH	BIRCH TREE	MU	MULBERRY TREE



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TOMOKA FARMS ROAD LANDFILL
VOLUSIA COUNTY, FLORIDA

FOR: VOLUSIA COUNTY DEPARTMENT OF PUBLIC WORKS

JOB NO. 12-0429

ABBREVIATIONS	
W/	WITH
CM	CONCRETE MONUMENT
TOB	TOP OF BANK
TOE	TOE OF SLOPE
CLS	CENTERLINE OF SWALE
STA	STATION
CO	CLEANOUT
SN	SANITARY
ES	ELECTRIC SERVICE
HOP	HIGH DENSITY POLYETHYLENE PIPE
HSP	HIGH STRENGTH POLYETHYLENE PIPE
CV	CHECK VALVE
TC	TOP COVER
WV	WATER VALVE
TSB	TRAFFIC SIGNAL BOX
R	RADIUS
L	ARC LENGTH
FB	FIRE HYDRANT
WM	WATER METER
LP	LIGHT POLE
IV	IRRIGATOR VALVE
GA	GUY ANCHOR
OPP	CORRUGATED PLASTIC PIPE
DIP	DUCTILE IRON PIPE
PVC	POLYVINYL CHLORIDE
DR	DRIVEWAY
D	CENTRAL ANGLE
R	RADIUS
L	ARC LENGTH
CB	CHORD BEARING
CH	CHORD DISTANCE
FPAL	FLORIDA POWER & LIGHT COMPANY
NOVD	NATIONAL GEODETIC VERTICAL DATUM
USC & GS	UNITED STATES COAST AND GEODETIC SURVEY
INV	INVERT
SEC	SECTION
TWP	TOWNSHIP
RSE	RANGE
RTW	RIGHT OF WAY
CONC	CONCRETE
EL	ELEVATION
FM	BURIED FORCE MAIN
NR	NON RADIAL
USC & GS	UNITED STATES COAST AND GEODETIC SURVEY
RV	REUSE VALVE
IRC	IRON ROD & CAP
MES	MITERED END SECTION
RCP	REINFORCED CONCRETE PIPE
OMP	CORRUGATED METAL PIPE
MH	MANHOLE
MB	MAP BOOK
IP	IRON PIPE
ORB	OFFICIAL RECORDS BOOK
PG	PAGE
ID	IDENTIFICATION
(TYP)	TYPICAL
REC	RECOVERED
EB	ELECTRIC BOX
DMB	MAIL BOX
SI	SIGN
TR	TREE
FH	FIRE HYDRANT
WM	WATER METER
GA	GUY ANCHOR
UP	UTILITY POLE
IR	IRON ROD WITH CAP
TB	TELEPHONE BOX
TSB	TRAFFIC SIGNAL BOX
CO	CLEAN OUT
CM	CONCRETE MONUMENT
PRM	PERMANENT REFERENCE MONUMENT
PCP	PERMANENT CONTROL POINT
LP	LIGHT POLE
GA	GUY ANCHOR
WV	WATER VALVE
IR	IRON PIPE
IR	IRON ROD WITH CAP
TB	TELEPHONE BOX
EV	EXISTING ELEVATION
TV	CABLE TELEVISION BOX

FOR: VOLUSIA COUNTY DEPARTMENT OF PUBLIC WORKS					
TYPE OF SURVEY	SURVEY DATE	JOB NUMBER	PARTY CHIEF	DRAWN BY	CHECKED BY
BOUNDARY SURVEY	01/19/2010	09-0362	L. HOFFMAN	J. MOLLER	J. ZAPERT
TOPOGRAPHIC SURVEY					
AS-BUILT SURVEY					
FINAL IMPROVEMENTS					
RECERTIFICATION					

PLAT PREPARED FOR THE FOLLOWING: (ONLY THE LAST DATE IS CERTIFIED ON SEALED COPY)			
TYPE OF SURVEY	CERTIFIED TO	SURVEY DATE	JOB NUMBER
AS-BUILT	VOLUSIA COUNTY DEPARTMENT OF PUBLIC WORKS	5/01/2009	09-0362
	NOT CERTIFIED TO ANY ENTITIES AND/OR INDIVIDUALS OTHER THAN THOSE LISTED ABOVE.		

SPECIFIC PURPOSE SURVEY

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 61C17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

J.E. ZAPERT, P.L.S. NO. 4046
 CLYDE G. VAN KLEECK, JR., P.S.M. NO. 6149
 STEVEN T. KRUGER, P.L.S. NO. 4722
 MICHAEL S. MURPHY, P.S.M. NO. 6208
 VALID WITH SIGNATURE & EMBOSSED SEAL ONLY

