



September 6, 2017

ENV-17-114

Florida Department of Environmental Protection
Central District Office
3319 Maguire Boulevard Suite 232
Orlando, FL 32803

Re: Quarterly Landfill Gas Monitoring Report – Third Quarter 2017
Volusia County's Plymouth Avenue Landfill
Permit No. SF64-0127461

Dear Central District:

Enclosed please find a copy of the Third Quarter 2017 Landfill Gas Monitoring Report for Volusia County's Closed Plymouth Avenue Landfill.

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

Sincerely,

Jennifer R. Stirk
Environmental Specialist III

Enclosure: Landfill Gas Monitoring Report

CC: file

Third Quarter 2017
Plymouth Avenue Landfill
Results of Landfill Gas Monitoring Well Testing
08/11/2017
C.T.Quinn

Third Quarter 2017

Well Number	CH4 Percent	LEL Percent
MW-1	0.0	0
MW-2	0.0	0
MW-3	0.0	0
MW-4	0.0	0
MW-5	0.0	0
MW-6	0.0	0
MW-7	0.0	0
MW-8	0.0	0
MW-9	0.0	0
MW-10	0.0	0
MW-11	0.0	0

SPECIFIC PURPOSE SURVEY GAS WELLS LOCATION AT PLYMOUTH LANDFILL VOLUSIA COUNTY, FLORIDA



VOLUSIA COUNTY SOLID WASTE

SURVEYORS NOTES

1. NOTICE: THERE MAY BE ADDITIONAL RESTRICTIONS AND/OR OTHER MATTERS THAT ARE NOT SHOWN ON THIS PLAT OF SURVEY/SKETCH OF DESCRIPTION THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. THIS SURVEY/SKETCH OF DESCRIPTION PREPARED WITHOUT BENEFIT OF AN ABSTRACT.
2. DIMENSIONS ARE SHOWN IN FEET AND DECIMALS THEREOF.
3. BEARING STRUCTURE BASED ON FLORIDA STATE PLANE COORDINATES (NAD-83, FL EAST ZONE) UTILIZING NGS MONUMENTS V019 (1706446.14, 547405.61) AND 79 91 GPS2 (1703700.52, 552658.11).
4. UNDERGROUND FOUNDATIONS, IF ANY, NOT LOCATED.
5. ELEVATIONS REFER TO N.G.V.D. OF 1929, PER U.S.C.&G.S. BENCHMARK Y-470 HAVING A PUBLISHED ELEVATION OF 57.46 FEET.
6. NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
7. UNLESS OTHERWISE SHOWN, RECORD DISTANCES AND DIRECTIONS AND FIELD MEASURED DISTANCES AND DIRECTIONS ARE THE SAME.
8. REVISED 1/26/2011 TO CORRECT TYPOGRAPHICAL ERRORS IN CHART TO THE RIGHT (POINT #1 ELEV.; POINT #5 EASTING; POINT #6 EASTING; POINT #64 EASTING AND POINT #60 WELL NAME) (BY DH)(NO ADDITIONAL FIELD WORK PERFORMED AT THIS TIME)
9. REVISED 3/10/2011.

W/ WITH	TC TOP COVER	CONC	CONCRETE	ABBREVIATIONS	RES RESIDENCE	IRC IRON ROD & CAP
CM CONCRETE MONUMENT	WV WATER VALVE	D	CENTRAL ANGLE	ILLEG. ILLEGIBLE	—FC— BURIED FIBER OPTIC CABLE	IRC IRON ROD & CAP
TOB TOP OF BANK	TSB TRAFFIC SIGNAL BOX	R	RADIUS	INV INVERT	—T— BURIED TELEPHONE LINE	MCS METEOR ID# SECTION
TOE TOE OF SLOPE	PH FIRE HYDRANT	L	ARC LENGTH	SEC SECTION	—E— BURIED ELECTRIC LINE	RSP REINFORCED CONCRETE PIPE
CLS CENTERLINE OF SWALE	WM WATER METER	CB	CHORD BEARING	TWP TOWNSHIP	—G— BURIED GAS LINE	CMF CORRUGATED METAL PIPE
STA STATION	LP LIGHT POLE	CH	CHORD DISTANCE	RISE RANGE	—TV— BURIED TELEVISION LINE	MH MANHOLE
CO CLEANOUT	IV IRRIGATION VALVE	FF&L CO	R/W RIGHT OF WAY	—FM— BURIED FORCE MAIN	—AU— AERIAL UTILITY LINE	MB MAP BOOK
SAN SANITARY	GA GUY ANCHOR	FL&L CO	FLORIDA POWER & LIGHT COMPANY	EL ELEVATION	—PL— PLATTED DIMENSION	ORB OFFICIAL RECORDS BOOK
ES ELECTRIC SERVICE	CPP CORRUGATED PLASTIC PIPE	NGVD	NATIONAL GEODETIC VERTICAL DATUM	(R) RADIAL	(D) DEEDED DIMENSION	PG PAGE
HOPE HIGH DENSITY POLYETHYLENE PIPE	DF DUCTILE IRON PIPE	USC & GS	UNITED STATES COAST AND GEODETIC SURVEY	(NR) NON RADIAL	(M) MEASURED DIMENSION	ID IDENTIFICATION
VCP VITREOUS CLAY PIPE	PVC POLYVINYL CHLORIDE	USC & GS	UNITED STATES COAST AND GEODETIC SURVEY	(R) RADIAL	(C) CALCULATED DIMENSION	(TYP) TYPICAL
CV CHECK VALVE	DW DRIVEWAY	℄	CENTERLINE	N&D NAIL AND DISK	RY REUSE VALVE	REC RECOVERED

LEGEND

- IRON ROD WITH CAP
- IRON ROD
- IRON PIPE WITH CAP
- IRON PIPE
- 10" X 10" IN CONCRETE
- CONCRETE MONUMENT
- PERMANENT REFERENCE MONUMENT
- ▲ PERMANENT CONTROL POINT
- ▲ FORCE MAIN VALVE
- ⊕ WATER VALVE
- ⊕ WATER METER
- ⊕ FIRE HYDRANT
- ⊕ TELEPHONE BOX
- ⊕ TRAFFIC SIGNAL BOX
- ⊕ ELECTRIC BOX
- ⊕ CABLE TELEVISION BOX
- ⊕ MAIL BOX
- ⊕ LIGHT POLE
- ⊕ UTILITY POLE
- ⊕ GUY ANCHOR
- ⊕ CLEAN OUT
- ⊕ SIGN
- ⊕ TREE
- ⊕ EXISTING ELEVATION
- ⊕ TELEPHONE MANHOLE
- ⊕ SANITARY MANHOLE
- ⊕ STORM MANHOLE

ADDITIONAL ABBREVIATIONS—TREE LEGEND

CP	CAMPHOR TREE	SB	SUGARBERRY TREE	TREE SIZE (INCHES) DIAMETER AT BREAST HEIGHT
MP	MAPLE TREE	CD	CEDAR TREE	TREE TYPE
SYC	SYCAMORE TREE	EM	ELM TREE	MULTIPLE TRUNKS
OK	OAK TREE	CIT	CITRUS TREE	
SG	SWEET GUM TREE	PN	PINE TREE	
HK	HICKORY TREE	PM	PALM TREE	
CB	CHINABERRY TREE	HY	HOLLY	

SLIGER & ASSOCIATES, INC.
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PLAT PREPARED FOR THE FOLLOWING: (ONLY THE LAST DATE IS CERTIFIED ON SEALED COPY)

TREE TYPE	TREE SIZE (INCHES) DIAMETER AT BREAST HEIGHT	MULTIPLE TRUNKS
OK	24	8

FOR: COUNTY OF VOLUSIA PUBLIC WORKS

SCALE: 1"=200'

TYPE OF SURVEY	SURVEY DATE	JOB NUMBER	PARTY CHIEF	DRAWN BY	CHECKED BY
SPECIFIC PURPOSE	6-22-12	12-0429	D. ELLIS	D. HITCHCOCK	J. ZAPERT
BOUNDARY SURVEY					
TOPOGRAPHIC SURVEY					
FOUNDATION LOCATION					
FINAL IMPROVEMENTS					
RECERTIFICATION					

THIS PLAT OF SURVEY IS CERTIFIED TO AND PREPARED FOR THE SOLE AND EXCLUSIVE BENEFIT OF THE ENTITIES AND/OR INDIVIDUALS LISTED BELOW, ON THE MOST CURRENT DATE, AND SHALL NOT BE RELIED UPON BY ANY OTHER ENTITY OR INDIVIDUAL WHOMSOEVER.

TYPE OF SURVEY	CERTIFIED TO	SURVEY DATE	JOB NUMBER
SPECIFIC PURPOSE	COUNTY OF VOLUSIA PUBLIC WORKS	6-22-12	12-0429
NOT CERTIFIED	TO ANY ENTITIES AND/OR INDIVIDUALS OTHER THAN THOSE LISTED ABOVE		

**PLYMOUTH AVENUE LANDFILL
DELAND, FLORIDA**

FOR: COUNTY OF VOLUSIA PUBLIC WORKS

**JOB NO.
12-0429**

SPECIFIC PURPOSE SURVEY

I HEREBY CERTIFY THAT THIS PLAT MEETS THE MINIMUM TECHNICAL STANDARDS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 41-17.05, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

J.E. ZAPERT, P.L.S. NO. 4046
STEVEN T. KRUEGER, P.L.S. NO. 4722
C.O. VAN KLEECK, JR., P.S.M. NO. 6149
MICHAEL S. MURPHY, P.S.M. NO. 6208

