

SURVEY REPORT

Specific Purpose Survey
 Lox Slough Monitoring Wells
 Palm Beach County, Florida
 Work Order # 460000940-WO10
 Date: 40339.00
 Revised:
 EA Project No.: 60134.10
 English Units, US Survey Feet
 Florida East Zone 901
 Horizontal Datum = NAD 83/2007
 Vertical Datum = NAVD 1988 & NGVD 1929



1402 Royal Palm Beach Blvd., Bldg 500
 Royal Palm Beach, Florida 33411
 LB# 7334 EB# 25912

<u>WELL</u>	<u>NORTHING</u>	<u>EASTING</u>	<u>LATITUDE</u>	<u>LONGITUDE</u>	<u>ELEV(29)</u>	<u>ELEV(88)</u>
BM-BERM-NW	932580.09	925003.90	26 53 48.94306	80 10 30.54066	18.56	17.05
East Well	932579.89	924997.84	26 53 48.94147	80 10 30.60760	18.44	16.93
West Well	932579.66	924992.21	26 53 48.93956	80 10 30.66980	18.41	16.90
Ground					18.7	17.2
BM-BERM-NE	932566.05	931916.27	26 53 48.35247	80 09 14.19728	20.50	18.99
East Well	932566.12	931926.29	26 53 48.35250	80 09 14.08661	20.15	18.64
West Well	932566.19	931920.80	26 53 48.35356	80 09 14.14724	20.43	18.92
Ground					20.7	19.2
BM-BERM-NS	928462.23	935161.95	26 53 07.49808	80 08 38.65648	20.77	19.26
South Well	928473.32	935162.28	26 53 07.60788	80 08 38.65201	20.44	18.93
North Well	928478.56	935163.07	26 53 07.65972	80 08 38.64289	20.60	19.09
Ground					20.9	19.4
BM-MARSH-N	924924.17	932473.72	26 52 32.64101	80 09 08.60517	18.15	16.64
Well East	924924.08	932468.99	26 52 32.64043	80 09 08.65741	18.12	16.61
Well West	924924.67	932463.01	26 52 32.64667	80 09 08.72340	18.13	16.62
Ground					18.3	16.8
BM-MARSH-S	921750.07	929744.18	26 52 01.38889	80 09 38.97826	18.38	16.87
Well East	921760.85	929744.24	26 52 01.49564	80 09 38.97681	18.07	16.56
Well West	921761.05	929738.83	26 52 01.49797	80 09 39.03653	18.21	16.70
Ground					18.6	17.1
BM-PGA-N	911570.40	929521.33	26 50 20.59750	80 09 42.18179	17.13	15.62
Well	911575.03	929518.10	26 50 20.64356	80 09 42.21711	17.16	15.65
Ground					17.1	15.6
BM-C-18-P	921737.11	924721.71	26 52 01.58676	80 10 34.43592	19.64	18.13
Well South	921734.42	924723.03	26 52 01.56003	80 10 34.42154	19.55	18.04
Well North	921739.79	924720.76	26 52 01.61336	80 10 34.44622	19.53	18.02
Ground					19.8	18.3
BM-PGA-S	902833.32	932091.17	26 48 53.90795	80 09 14.45613	17.21	15.70
Well	902832.21	932096.16	26 48 53.89663	80 09 14.40114	17.09	15.58
Ground					17.4	15.9

SURVEYORS REPORT:

VERTICAL VALUES BASED UPON NGS MONUMENT(S): M600, G160, G161 & Y547 & JUPITER FARMS

HORIZONTAL VALUES BASED UPON MONUMENT(S): SKY AND JUPITER FARMS

VERTICAL ACCURACY ESTIMATED TO BE 0.01'

HORIZONTAL ACCURACY ESTIMATED TO BE 0.1'

HORIZONTAL INFORMATION SHOWN HEREON OBTAINED USING GPS RTK TIED TO THE LENGEMANN RTN

VERTICAL INFORMATION SHOWN HEREON OBTAINED USING TOPCON DIGITAL LEVEL 102-C

THERE WERE NO CONDITIONS ENCOUNTERED THAT PREVENTED FAC 5J-17 FROM BEING MET

FIELD BOOK: EA SFWMD 6 PAGES 6 - 31

DATE OF LAST FIELD WORK: 6/9/2010

ABBREVIATIONS

BM-SITE BENCHMARK

EA-ERDMAN ANTHONY

FAC-FLORIDA ADMINISTRATIVE CODE

GPS-GLOBAL POSITIONING SYSTEM

LB-LICENSED BUSINESS

NAD-NORTH AMERICAN DATUM

NGS-NATIONAL GEODETIC SURVEY

NGVD-NATION GEODETIC VERTICAL DATUM

NAVD-NORTH AMERICAN VERTICAL DATUM

PID-POINT IDENTIFIER

PSM-PROFESSIONAL SURVEYOR AND MAPPER

RTN-REAL TIME NETWORK

RTK-REAL TIME KINEMATICS

SFWMD-SOUTH FLORIDA WATER MANAGEMENT DISTRICT

CERTIFICATION:

I HEREBY CERTIFY THAT THE INFORMATION HERewith IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AS SURVEYED AND DEPICTED UNDER MY SUPERVISION. THIS SURVEY MEETS THE INTENT OF THE MINIMUM TECHNICAL STANDARDS FOR SURVEYING IN THE STATE OF FLORIDA AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS PURSUANT TO SECTION 472.027, FLORIDA STATUTES AND ADOPTED IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE.

NOT VALID WITHOUT THE RAISED SEAL AND SIGNATURE OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY OR PARTIES IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF THE SIGNING PARTY OR PARTIES.

ERDMAN ANTHONY OF FLORIDA, INC.

MICHAEL E. ROSS, PSM
PROFESSIONAL SURVEYOR AND MAPPER
NO. 6622, STATE OF FLORIDA

DATE: _____