



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

Site Name: LKBA2A		Date of Field Work: 09-feb-16
Party Chief: Clanton	Field Book: Misc 6Y	Page 11
Site Benchmark: LKBA2A	Benchmark Elevation (NAVD88) 55.91	Corpscon 6.0.1 Conversion Factor (NAVD88 to NGVD29) +1.181
Reference Elevation (NAVD88): 59.335		Existing Tag Elevation (Datum): 60.541 (NGVD29)
Ground Elevation (NAVD88): 56.0		
Latitude: 27° 44' 47.2"		Longitude: 81° 11' 18.1"
Notes: +1.206 Field Conversion factor		

PICTURES

Overall Site



Looking Northerly

Sign



Benchmark

New NAVD88 Brass Tag Close Up



Old Brass Tag and Reference Mark



Old tag removed

SEC	35	TWP	31	RGE	31
ESTABLISH NAVD 88 ELEV @ LKBAZA					
GROUND WATER WELL SITE					
STA	+	HI	-	ELEV	BM ELEV
BM	5.01	60.92			55.91 NAVD 88
GW			1.585	59.335	
GRND			4.9	56.0	
BM			5.01	55.91	55.91 NAVD 88

T CLANTON
 S STRICKLAND

O/S = +1.18 AS PER A.R.

COMMENTS

BM LKBAZA SEWMD BRASS DISK "STAMPED LKBAZA 2007"
 BM UNDER WATER

GW 4" PVC PIPE REF MARK ON WESTERLY TOP OF PIPE

GROUND ELEV @ WELL

BM LKBAZA "SAME AS ABOVE"



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COUNTY POLK	PROJECT Hydrology – Polk County Wells	DESIGNATION LKBA2A
SECTION 35	TOWNSHIP 31 SOUTH	RANGE 31 EAST
GEOGRAPHIC INDEX OF QUAD		
Established by <u>Nick Miller Inc.</u> Recovered by	NAME OF QUADRANGLE FORT KISSIMMEE NW	
SURVEYOR <u>Stephen M. Gordon</u> DATE <u>3/07/2007</u>	FIELD BOOK _____ 19 PAGE <u>26</u>	
HORIZONTAL DATUM: 1927 <u>1983</u> Other _____ (circle one) ZONE <u>E</u> or W		
STATE PLANE COORDINATES	E 595,252 ft	N 1,240,550 ft
LATITUDE: N 27.74639°	LONGITUDE: W 81.18833°	
VERTICAL DATUM: MSL 1929 <u>1988</u> Other _____ (circle one)	EL. 55.91 ft	
VERTICAL DATUM: MSL <u>1929</u> 1988 Other _____ (circle one)	EL. 57.09 ft	
CONTROL ACCURACY: HORIZONTAL 1 2 3 <u>SUB-METER</u> (circle one) VERTICAL 1 2 <u>3</u>		
DESCRIPTION		
<p>To Reach:</p> <p>TO REACH THE MARK FROM THE INTERSECTION OF STATE ROAD 27 UNDERPASS AND STATE ROAD 60 IN LAKE WALES, GO EAST-SOUTHEAST ON STATE ROAD 60 FOR 25.7 MILES TO THE JUNCTION OF RIVER RANCH BOULEVARD ON THE RIGHT, TURN RIGHT ON RIVER RANCH BOULEVARD AND GO SOUTHEAST FOR 2.55 MILES TO THE GUARD HOUSE AT THE ENTRANCE TO RIVER RANCH, CONTINUE SOUTH ON RIVER RANCH BOULEVARD FOR 0.3 MILE TO THE JUNCTION OF KICCO ROAD ON THE RIGHT, TURN RIGHT ON KICCO ROAD (NEED SFWMD L KEY) AND GO SOUTHEAST FOR 0.2 MILE TO FOUR SETS OF DOUBLE UNLOCKED GATES, CONTINUE SOUTH ON KICCO ROAD FOR 0.5 MILES TO ANOTHER UNLOCKED METAL GATE, CONTINUE SOUTHEAST ON KICCO ROAD FOR 0.2 MILE TO THE JUNCTION OF ROAD ON THE LEFT, CONTINUE SOUTH-SOUTHEAST ON KICCO ROAD FOR 1.4 MILES TO AN ENTRANCE OF A BRIDGE. +/- 200 FEET BEFORE BRIDGE MAKE RIGHT AND HEAD WESTERLY THROUGH GRASSY AREA TO DIRT ROAD ON EAST SIDE OF BARBED WIRE FENCE. MAKE RIGHT AND HEAD NORTH ON DIRT ROAD FOR 0.3 MILE TO BEND. MAKE LEFT AND HEAD WEST ON DIRT ROAD FOR 0.1 MILE TO MARK ON RIGHT. MONUMENT IS +/- 150 FEET NORTH OF DIRT ROAD ON SOUTH SIDE OF MONITORING WELL LKBA2A. SET IN THE TOP OF A ROUND CONCRETE MONUMENT FLUSH WITH THE GROUND. LOCATED 7.2 FEET SOUTH OF CENTERLINE OF 1 FOOT DIAMETER WHITE PVC PIPE FOR MONITORING WELL, 5.2 FEET SOUTHEAST OF SOUTHWEST BALLARD POST, 5.2 FEET SOUTHWEST OF SOUTHEAST BALLARD POST. MAGNET SET 1 FOOT NORTH OF MONUMENT.</p> <p>Benchmarks Used: A 461, KR 1560, Z 460</p> <p>Notable Land marks:</p>		



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SKETCH

1078.026 LKBAZA SFUND
MONITORING WELL

- SET FOUND-IN-PLACE CONCRETE MONUMENT W/ BRASS DISK.
- SET MAGNET 1' NORTH OF MONUMENT

STAMPED LKBAZA
2007

TIES

- SET MONUMENT 7.2' SOUTH OF 1' DIA. WHITE PVC PIPE FOR MONITORING WELL
- SET MONUMENT 5.2' SE OF SW BALLAD POST
- " " 5.2' SW DE SE " "

COORDINATES

MONITORING WELL	
N. 27° 44' 47"	N. 1240549.747 ft
W. 81° 11' 18"	E. 595251.648 ft

MONUMENT

N. 27° 44' 47"	N. "
W. 81° 11' 18"	E. "

THRU: FEB. 15, 2007
SFUND 19, 26

E. WETPASS
J. CAMPBELL

PALM FRAMES

FOREST AREA
(DEAD TREES AND STUMPS)

ROAD

BARBED WIRE FENCE

FOREST AREA



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REGISTRATION WORKSHEET - LKBA2A Addendum

Site Name: **LKBA2A** Today's Date: **2/16/2016** Type Recorder: **CR10**
 Activity: **Addendum** Effective Date: Start Date of Data :
 Customer: **Garnett Ritchie** Bus. Area: **SCADA Maintenance** Agency: **SFWMD** Internal Order:
 Project Manager: **Amelia Rodriguez** Bus. Area: **Survey & Mapping** Agency: **SFWMD** Fund:
 Project Name: **VDUP** Legal Mandate: **1992 Water Resources Development Act (KRR)**

Short Common Name / Description: **LKBA2A**

Proj. Mgr. Notes: This addendum was performed to add NAVD 88 surveying data for the reference elevation. To convert to NGVD 29 add +1.18ft.

Site Directions: From Yeehaw Junction drive west on SR-60 for approximately 21.5 miles to River Ranch. Once on the River Ranch property refer to your GPS and maps to travel to the site.

Site Address (if any):

Transportation: **4X4 Vehicle** Lock type or combination: **Abloy S** #

Recorder Location/Purpose: **Stand-Alone Recorder (Non-Flow Site)** Structure Type:

Array ID Configuration table attached **NO**

SURVEY INFORMATION

B.M. Elevation: **55.91 ft** Date: **3/15/2007** Stamp: **LKBA2A**
 Agency: **SFWMD** Type: **BRASS** Datum: **NAVD 88**

Benchmark Location/ Description: Located 7.2 ft south of monitoring well and 5.2 ft SE of SW ballard post.

COMMUNICATIONS INFORMATION

Communications System: **Loggernet** Loggernet Server: **STCLOG1** Loggernet IP Address: **141.232.83.94**

Tower: **S65-TW** Communication Type: **R.F. (V.H.F. Radio)** R.F. Code/Modem Address: **144** R.F. Access Point: **NO**

Phone Number:

RTU Address: Gateways:

WELL INFORMATION

Sensor	Customer Ref	Ref Elev	Elev Date	Top of Well	Bottom of Well	Ground Elev	Benchmark Elev	Benchmark Datum	Ref Elevation Location
GW1		59.335 ft	2/9/2016		42.535 ft	56.0 ft	55.91 ft	NAVD 88	Top of the well

Sensor	GW Sensor Location Offset	Meas Pt Elevation	GW Land Elevation	Depth of Well	Type of Well	Top of Monitored Interval	Base of Monitored Interval	Parameter Transmitted								
GW1			56.0 ft	16.8'	Static											

COORDINATE INFORMATION

Item/Param	Lat	Long	X-Coord	Y-Coord	Sec	Township	Range	Quad	Basin	County	Description
RTU	N27° 44' 47.12"	W81° 11' 18.1"	595237.509	1240564	26	31	31	3010	S65A	Polk	
GW1	N27° 44' 47.12"	W81° 11' 18.1"	595237.509	1240564	26	31	31	3010	S65A	Polk	