



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

Site Name: TLWMA1		Date of Field Work: 20-jan-16
Party Chief: Clanton	Field Book: Misc 6X	Page 75
Site Benchmark: TLWMA1	Benchmark Elevation (NAVD88) 64.92	Corpscon 6.0.1 Conversion Factor (NAVD88 to NGVD29)
Reference Elevation(s) (NAVD88): GWS 69.365 GWD 69.43	Existing Tag Elevation (Datum): Stamped EI. 70.58 NGVD 29 Date:10-7-10 By: E.E. M.R.	
Latitude: 27° 33' 03.7"		Longitude: 81° 00' 22.2"

Notes:

PICTURES

Overall Site



Looking Southwest

Benchmark Location



Photo Date 05-feb-08



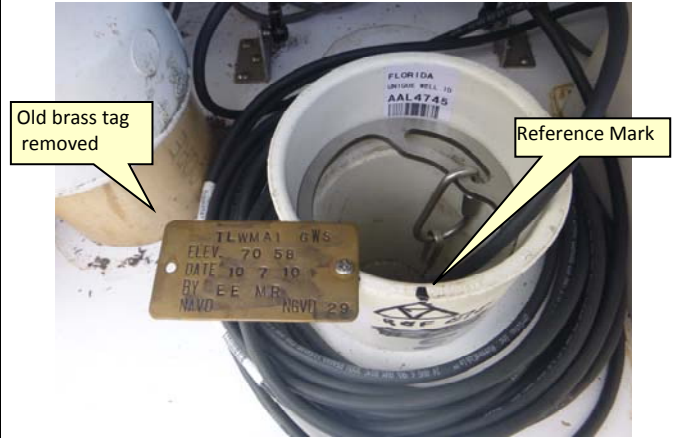
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GWS (GW1)Brass Tag Close Up



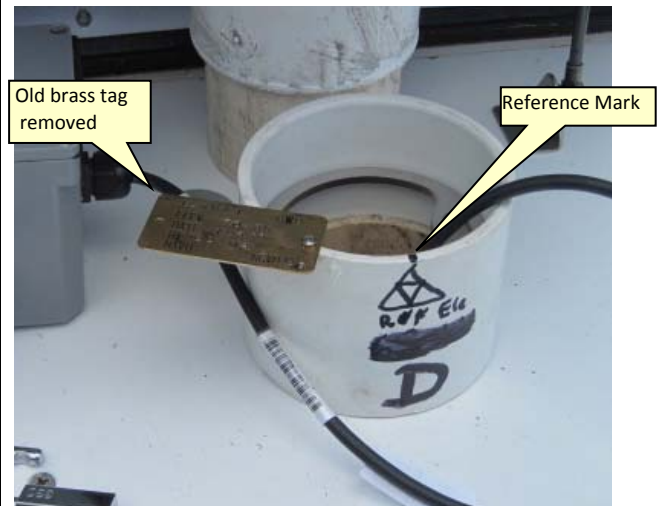
GWS (GW1) Brass Tag and Reference Mark



GWD (GW2) Brass Tag Close Up



GWD (GW2) Brass Tag and Reference Mark



SEC	32	TWP	29	RGE	32
ESTABLISH GW SITE		NAVD 88	EL @	TLWMA 1	
STA	+	HI	-	ELEV	BM EL
BM	4.71	69.63			64.92 NAVD 88
GWS			0.265	69.365	
GWD			0.20	69.43	
GRMS			4.4	65.23	
BM	4.71		64.92	64.92	NAVD 88

T CLANTON
 STRICKLAND

COMMENTS

BM TLWMA1 2007 SF WIND ALUM CAP, GOOD COND

GWS 4" PVC PIPE REF MARK ON TOP OF PIPE
SOUTH EAST WELL

GWD 4" PVC PIPE REF MARK ON TOP OF PIPE
NORTH WEST WELL

GROUND ELEV @ WELL

BM TLWMA1 2007



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

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COUNTY OSCEOLA	PROJECT KISSIMMEE RIVER RESTORATION PROJECT	DESIGNATION TLWMA1
SECTION 32	TOWNSHIP 29 SOUTH	RANGE 32 EAST
GEOGRAPHIC INDEX OF QUAD		
Established by <u>Nick Miller Inc.</u> Recovered by	NAME OF QUADRANGLE LAKE MARIAN NW	
SURVEYOR <u>Stephen M. Gordon</u> DATE <u>7/03/2007</u>	FIELD BOOK _____ 18 _____ PAGE <u>66</u>	
HORIZONTAL DATUM: 1927 <u>1983</u> Other _____ (circle one) ZONE <u>E</u> or W		
STATE PLANE COORDINATES	E 612,647.3 ft	N 1,302,215.6 ft
LATITUDE: N 27.91607°	LONGITUDE: W 81.13476°	
VERTICAL DATUM: MSL 1929 <u>1988</u> Other _____ (circle one)	EL. 64.92 ft	
VERTICAL DATUM: MSL <u>1929</u> 1988 Other _____ (circle one)	EL. 66.13 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>FROM THE INTERSECTION OF US 441 AND CR 523. HEAD WEST NORTHWEST ON CR 523 FOR 9.7 MILES TO THREE LAKES WILDLIFE MANAGEMENT ENTRANCE. MAKE LEFT AND HEAD SOUTHWESTERLY ON MAIN GRADE ROAD FOR 1.3 MILES TO GRADE ROAD INTERSECTION. TURN RIGHT AND HEAD NORTHWESTERLY ON GRADE ROAD FOR 0.4 MILE TO MARK ON LEFT, SET IN TOP OF A ROUND CONCRETE MONUMENT RECESSED 0.3 FOOT BELOW GROUND LEVEL. LOCATED 69.0 FEET SOUTHWEST OF CENTERLINE OF DIRT ROAD, 13.6 FEET NORTHWEST OF TLWMA1 MONITORING WELL SITE, 48.4 FEET NORTHEAST OF PK NAIL AND DISK LB 4318 ON SOUTH SIDE OF 0.8 FOOT DIAMETER OAK TREE AND 2.0 FEET NORTHEAST OF A CARSONITE WITNESS POST. MAGNET SET 1 FOOT NORTH OF BENCHMARK.</p> <p>Benchmarks Used: OSC 6 FLDNR, OSC 7 FLDNR</p> <p>Notable Land marks:</p>		



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SKETCH

1078.028 TLWMA1 STAMP

MONITORING WELL

- SET POURED-IN-PLACE CONCRETE MONUMENT W/ ALUM. DISK STAMPED: TLWMA1 2007
 - SET MAGNET 1' NORTH OF BENCHMARK.
 - SET CARBORITE WITNESS POST 2' SW OF BM
- COORDINATES ON MONITORING WELL SITE
- N. 27° 54' 58"
- W. 81° 08' 05"

COORDINATES ON BENCHMARK

N. 27° 54' 57.86" N. 1302215.604

W. 81° 08' 05.13" E. 612647.304

100S 89 STATE PLANE 83

- TIES
- SET MONUMENT 69.0' SW OF ♀ DIRT ROAD
 - " " 13.6' NW OF WELL SITE
 - " " 48.4' NE OF PK NAIL AND JACK LB 4318 ON SOUTH SIDE OF 0.8' DIA. OAK TREE.

DATA COLLECTOR # 1

FILE: 1078-0605-ED STATIC SESSION

POINT NAME: TLWMA1 10:15 am - 10:55 am

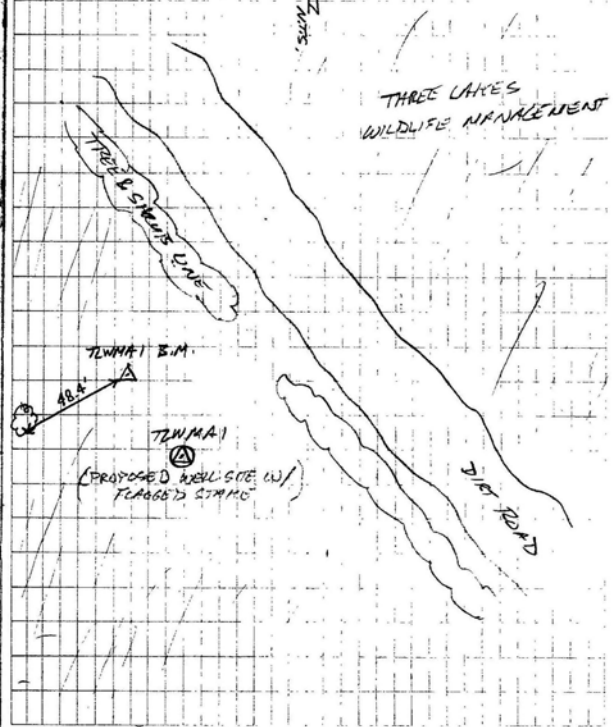
WED. JUNE 6, 2007

E. DEBASSIS

A. VALMER

A. A. ROUTE

SFLWMD 18, 66



REGISTRATION WORKSHEET - TLWMA1 Addendum

Site Name: **TLWMA1** Today's Date: **2/2/2016** 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-Alers** Bus. Area: **Survey & Mapping** Agency: **SFWMD** Fund:
 Contract #:
 Project Name: **VDUP** Legal Mandate: **UNKNOWN**

Short Common Name / Description: TLWMA1

Proj. Mgr. Notes: This addendum was performed to add NAVD 88 surveying data for the reference elevation. To convert to NGVD 29 add +1.22ft.

Site Directions: From the intersection of US-441 and CR523 (Canoe Creek Rd.), head west northwest on CR-523 for approximately 9.7 miles to the Three Lakes Wildlife Management area entrance. Turn left and head southwesterly on main grade road for approximately 1.3 miles to grade road intersection. Turn right and head northwesterly on grade road for approximately 0.4 miles.

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: **64.92 ft** Date: **7/6/2007** Stamp: **TLWMA1**
 Agency: **SFWMD** Type: **ALUM** Datum: **NAVD 88**

Benchmark Location/ Description: The benchmark is to the left of the monitoring station set in concrete.

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: **118** 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	GWD	69.43'	1/20/2016	69.43'	22.50'	65.23'	64.92'	NAVD 88	Top of the well
GW2	GWS	69.365'	1/20/2016	69.365'	53.235'	65.23'	64.92'	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			65.23'	46.93'	Static										
GW2			65.23'	16.13'	Static										

COORDINATE INFORMATION

Item/Param	Lat	Long	X-Coord	Y-Coord	Sec	Township	Range	Quad	Basin	County	Description
GW1	27° 54' 57.764	81° 08' 04.964	612661.947	1302206	32	29	32	3210	Lake Kissimmee	Osceola	
RTU	N27° 54' 57.78	W81° 08' 05.0	612654.056	1302209	32	29	32	3210	Lake Kissimmee	Osceola	
GW2	27° 54' 57.789	81° 08' 05.05	612654.056	1302209	32	29	32	3210	Lake Kissimmee	Osceola	