

Site Name PB 1548		Date of Field Work 10/5/2015
Party Chief Ebanks/Rodriguez	Field Book Name/Number SCADA FB #11	Page Number(s) Pg. 74
Site Benchmark Name MELLIN	Benchmark Elevation (NAVD88) 18.18ft	Datum Offset to NGVD29 +1.45'
Reference Elevation (NAVD 88) 20.39ft		Existing Tag Elevation (Datum) 21.84ft (NGVD 29)
Latitude 26° 56' 06"		Longitude 80° 13' 55"

Notes: Datum Upgrade to NAVD 88 from NGVD 29

Photographs

Overall Site



Benchmark Location



Benchmark Close Up



Brass Tag Close Up



Brass Tag + Reference Mark



Staff Gauge (Front View)

Staff Gauge (Side View)

Vertical Control Stations 09/22/2005

NAME:MELLEN **NAVD88 FEET:** 18.181 **NAVD88 LEVELING DATE:** 04/12/1988
VERTICAL CONTROL SURVEY DRAWING NO: S-3-02-1673 **DATE LAST RECOVERED:** 05/15/2003
NAVD88 AGENCY: PBCO **TOWNSHIP:** 41 **RANGE:** 41 **SECTION:** 03
NGVD 1929: 19.731 **NGVD 1929 AGENCY:** PBCO **NGVD 29 LEVELING DATE:** 04/12/1988
MONUMENT TYPE: PBCO BRASS DISK/CM

MEMO:

TO REACH THE STATION FROM THE INTERSECTION OF INDIANTOWN ROAD AND MELLEN LANE, GO SOUTH ON MELLEN LANE FOR 0.35 MILES TO THE BENCHMARK ON THE LEFT.
THE STATION IS A PALM BEACH COUNTY BRASS DISK IN A ROUND CONCRETE MONUMENT 0.3 FOOT BELOW GRADE.
THE STATION IS LOCATED 44.1 FEET EAST OF THE CENTERLINE OF MELLEN LANE, 24.5 FEET SOUTH OF THE CENTERLINE OF A SHELLROCK DRIVE AT 17600 MELLEN LANE, AND 6.4 FEET WEST OF A 10 INCH PINE WITH A PALM BEACH COUNTY WITNESS SIGN ATTACHED AND 4 FEET EAST OF A HOGWIRE FENCE.

NAME:MENARD **NAVD88 FEET:** 17.954 **NAVD88 LEVELING DATE:** 12/07/2004
VERTICAL CONTROL SURVEY DRAWING NO: S-3-05-2385 **DATE LAST RECOVERED:** 12/07/2004
NAVD88 AGENCY: PBCO **TOWNSHIP:** 43 **RANGE:** 40 **SECTION:** 13
NGVD 1929: **NGVD 1929 AGENCY:** **NGVD 29 LEVELING DATE:**

MONUMENT TYPE: PBCO BRASS DISK/CM

MEMO:

THE STATION IS LOCATED 75 FEET WEST OF THE CENTERLINE OF 162ND DRIVE EAST ON THE NORTH SIDE OF EDINBURGH DRIVE EAST.
THE STATION IS A BRASS DISC SET IN THE TOP OF A ROUND CONCRETE MONUMENT AND STAMPED MENARD.
THE STATION IS LOCATED 16 FEET NORTH OF THE CENTERLINE OF EDINBURGH DRIVE EAST, 107 FEET EAST OF THE CENTER OF THE DRIVEWAY FOR 16032 EDINBURGH DRIVE EAST, 34.7 FEET SOUTHWEST OF THE SOUTHEAST CORNER OF A WOOD AND WIRE FENCE, AND 16.3 FEET SOUTH OF A 10 INCH SLASH PINE WITH A WITNESS SIGN.

NAME:MERT **NAVD88 FEET:** 17.982 **NAVD88 LEVELING DATE:** 04/05/1988
VERTICAL CONTROL SURVEY DRAWING NO: S-3-02-1673 **DATE LAST RECOVERED:** 03/05/2003
NAVD88 AGENCY: PBCO **TOWNSHIP:** 41 **RANGE:** 41 **SECTION:** 15
NGVD 1929: 19.554 **NGVD 1929 AGENCY:** PBCO **NGVD 29 LEVELING DATE:** 08/25/1986

MONUMENT TYPE: PBCO BRASS DISK/CM

MEMO:

TO REACH THE STATION FROM THE INTERSECTION OF ALEXANDER RUN (AKA N. 120TH AVENUE) AND SANDY RUN, GO WEST ON SANDY RUN 0.40 MILE TO THE STATION ON THE LEFT.
THE STATION IS A PALM BEACH COUNTY DISK SET IN CONCRETE STAMPED "MERT".
THE STATION IS LOCATED 0.5 FEET BELOW GRADE, 1.5 FEET SOUTH OF THE SOUTH EDGE OF PAVING 90 FEET WEST OF THE CENTERLINE OF THE DRIVEWAY AT 12390 SANDY RUN, AND 13.0 FEET NORTH OF A WOOD UTILITY POLE BEARING A METAL WITNESS SIGN AND IS APPROXIMATELY 0.5 FOOT BELOW THE SURFACE OF THE ROAD.

Sec. 25 TWP 41 Rge 41

Ebanks
Kett

Establish Ref Elev for well PB 1525 @ C-18
Note: Well Head Modified

HTA	+	H.I.	-	Elev	Remarks
Bm PB 1525	5.86	23.246		17.386	
PB 1525 Well			3.364	19.88	
Bm PB 1525			5.86 ✓		

Sec. 3 TWP 41 Rge 42 Ebanks
Rodriguez

Establish Ref Elev for (New) Well Head
@ PB 875 - C-18 @ G-92

HTA	+	H.I.	-	Elev	Remarks
Bm PB 875	5.41	15.04 ^{21.07}		9.63 ^{15.66}	(1.49)
PB 875 GW1			2.055	12.985 ^{19.015}	✓
PB 875 GW2			2.60	12.44 ^{18.47}	✓
GW 1 Grid.			4.10	10.94 ^{16.97}	
GW 2 Grid.			4.5	10.54 ^{16.57}	
Bm PB 875			5.41	9.63 ^{15.66}	

Sec	Twp	Range	Remarks
Estimated Lat Elevation for G.W. wells PB 1548 (Mellen) - Jupiter Farms			
Bm (PBC) "Mellen"	4.90 8.75	H.I. 24.63	19.731 (18.181) (19.45)
TP.		4.67 8.92	19.96
	5.03 8.62	24.99	
Bm A		4.89 8.76	20.10 (19.61)
<u>Et. Wells</u>			
Bm A	4.74 8.91	24.84	20.10
TP.		4.87 8.78	19.97
	4.83 8.82	24.80	
Bm "Mellen"		5.06 8.59	19.74
Bm A	4.50 9.15	24.60	20.10 (19.45)
well PB 1548		2.76	21.84 (20.39) ⁰⁸

Note: change
10-10-08
10-5-15
10-15-08

Sec	Twp	Range	Remarks
Estimated Lat Elevation for G.W. wells CORBITT WILD LIFE MGT. AREA (CAMP D)			
Bm AA	5.00 8.65	H.I. 24.80	25.80
TP.		3.87 9.78	26.93
	3.71 9.94	30.64	
TP.		4.24 9.41	26.40
	4.27 9.38	30.67	23.71 0.45 <u>24.16</u>
TP.		4.49 9.16	26.18
	4.47 9.18	30.65	
Bm JWC 5 fud.	5.30 8.35		25.07 25.35 23.71 STAND ANNUAL CAP.
<u>Et. Wells</u>			
Bm JWC 5	5.10 8.55	30.45	25.35
TP.		4.27 9.38	26.18
	4.52 9.13	30.70	
TP.		4.37 9.28	26.33
	4.34 9.31	30.67	

Office

Project

7 July 2017

INPUT

Geographic, flhpgn - Florida HPGN
Vertical - NAVD88, U.S. Feet

OUTPUT

State Plane, flhpgn - Florida HPGN
0901 - Florida East, U.S. Feet
Vertical - NGVD29 (Custom), U.S. Feet

PB1548

1/1

Latitude: 26 56 06.043
Longitude: 80 13 55.189
Elevation/Z: 0

Northing/Y: 946307.678
Easting/X: 906391.560
Elevation/Z: 1.450
Convergence: 0 20 52.46350
Scale Factor: 1.000012961
Combined Factor: 1.000017099

Remark:

Corpscon v6.0.1, U.S. Army Corps of Engineers

DBHYDRO | by station

STATION INFORMATION

Station	PB-1548
Site	PB-1548
Type	WELL
Latitude (ddmmss.sss)	265606.043
Longitude (ddmmss.sss)	801355.189
X Coord (ft) NAD83	906393.372
Y Coord (ft) NAD83	946309.57
County	Palm Beach
Basin	JUPITER FARMS
Section	3
Township	41
Range	41
Show Map	Google Map
Well Info	Info
Description	PB-1548 MELLON LANE (JUPITER FARMS) [HOWDI:265606080135503]
Notes	MONITOR SITE FOR WATER QUALITY ASSURANCE PROGRAM. Coordinates obtained independently after well establishment by USGS.
Nearby Stations	Nearby Stations
Attachments	Show Attachments

Query returned 1 station record(s).

Get Sample Data

Get Time Series Data

REGISTRATION WORKSHEET - PB 1548 Addendum

Site Name: **PB 1548** Today's Date: **10/7/2015** Type Recorder: **CR1000**
 Activity: **Addendum** Effective Date: Start Date of Data :
 Customer: **B. Kennedy** Bus. Area: **SCADA** Agency: **SFWMD** Internal Order:
 Project Manager: **E. Ebanks** Bus. Area: **InfrStr. Mgt/Survey** Agency: **SFWMD** Fund:
 Contract #:
 Project Name: Legal Mandate:

Short Common Name / Description:

Proj. Mgr. Notes: Datum Upgrade from NGVD 29 to NAVD 88 (NAVD 88 Offset = 1.45')

Site Directions: Located on North side of canal ... From Indiantown Rd, (CR 706) / I-95 in Jupiter... Go west on CR 706 for 5.1 mls to Sara'd Farms Rd. (Mellen Ln.) 125th Ave. S... Turn left on Mellen Ln and go 0.52 mls +/- to Canal crossing Rd and site on Right....

Site Address (if any):

Transportation: **Std Vehicle** Lock type or combination: **Abloy S** #

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

Array ID Configuration table attached

SURVEY INFORMATION

B.M. Elevation: **18.18ft** Date: **4/29/1993** Stamp: **MELLEN**
 Agency: **PB** Type: **ALUM** Datum: **NAVD 88**

Benchmark Location/ Description: Mark located on MELLEN LN (0.35 mls) south of CR 706... 44.1ft East of the C/L of Mellen Ln ...24.5 ft south of the C/L of a shell rock rd. at 17600 Mellen Ln and 6.4 ft west of a pine tree with PBC sign.

COMMUNICATIONS INFORMATION

Communications System: Loggernet Server: Loggernet IP Address:
 Tower: Communication Type: R.F. Code/Modem Address: R.F. Access Point:
 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
GW		20.39ft	10/5/2015				18.18ft	NAVD 88	Mark Set Top of Well ... Denoted by Brass Tag.

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
GW								

COORDINATE INFORMATION

Item/Parm	Lat	Long	X-Coord	Y-Coord	Sec	Township	Range	Quad	Basin	County	Description
GW	26 56 06	80 13 55			3	41	41			Palm Beach	