










Site Name INRCTY GW1		Date of Field Work April 8, 2015
Party Chief Ebanks/Rodriguez	Field Book Name/Number SCADA FB # 11	Page Number 48
Site Benchmark Name OSF WELLS BM1	Benchmark Elevation (NAVD88) 67.514	Datum Offset to NGVD29 + 0.95
Reference Elevation (NAVD 88) 70.184		Existing Tag Elevation (Datum) 71.17 (NGVD 29)
Notes:		

Photographs:

<p>Overall Site</p> 	<p>Benchmark Close Up</p> 	<p>Benchmark Location</p> 
<p>Brass Tag Close Up</p> 	<p>Brass Tag + Reference Mark</p> 	<p>Staff Gauge N/A</p>





Site Name INRCTY GW2		Date of Field Work April 8, 2015
Party Chief Ebanks/Rodriguez	Field Book Name/Number SCADA FB # 11	Page Number 48
Site Benchmark Name OSF WELLS BM1	Benchmark Elevation (NAVD88) 67.514	Datum Offset to NGVD29 + 0.95
Reference Elevation (NAVD 88) 70.174		Existing Tag Elevation (Datum) 71.13 (NGVD 29)
Notes:		

Photographs:

<p>Overall Site</p> 	<p>Benchmark Close Up</p> 	<p>Benchmark Location</p> 
<p>Brass Tag Close Up</p> 	<p>Brass Tag + Reference Mark</p> 	<p>Staff Gauge N/A</p>






Site Name INRCTY GW3		Date of Field Work April 8, 2015
Party Chief Ebanks/Rodriguez	Field Book Name/Number SCADA FB # 11	Page Number 48
Site Benchmark Name OSF WELLS BM1	Benchmark Elevation (NAVD88) 67.514	Datum Offset to NGVD29 + 0.95
Reference Elevation (NAVD 88) 71.024		Existing Tag Elevation (Datum) 71.98 (NGVD 29)
Notes:		

Photographs:

<p>Overall Site</p> 	<p>Benchmark Close Up</p> 	<p>Benchmark Location</p> 
<p>Brass Tag Close Up</p> 	<p>Brass Tag + Reference Mark</p> 	<p>Staff Gauge N/A</p>






Site Name INRCTY GW4		Date of Field Work April 8, 2015
Party Chief Ebanks/Rodriguez	Field Book Name/Number SCADA FB # 11	Page Number 48
Site Benchmark Name OSF WELLS BM1	Benchmark Elevation (NAVD88) 67.514	Datum Offset to NGVD29 + 0.95
Reference Elevation (NAVD 88) 71.570		Existing Tag Elevation (Datum) 72.53 (NGVD 29)
Notes:		

Photographs:

<p>Overall Site</p> 	<p>Benchmark Close Up</p> 	<p>Benchmark Location</p> 
<p>Brass Tag Close Up</p> 	<p>Brass Tag + Reference Mark</p> 	<p>Staff Gauge N/A</p>






Site Name INRCTY GW5		Date of Field Work April 8, 2015
Party Chief Ebanks/Rodriguez	Field Book Name/Number SCADA FB # 11	Page Number 48
Site Benchmark Name OSF WELLS BM1	Benchmark Elevation (NAVD88) 67.514	Datum Offset to NGVD29 + 0.95
Reference Elevation (NAVD 88) 71.134		Existing Tag Elevation (Datum) 72.10 (NGVD 29)
Notes:		

Photographs:

Overall Site 	Benchmark Close Up 	Benchmark Location 
Brass Tag Close Up 	Brass Tag + Reference Mark 	Staff Gauge N/A

Site Name INRCTY GW6		Date of Field Work April 8, 2015
Party Chief Ebanks/Rodriguez	Field Book Name/Number SCADA FB # 11	Page Number 48
Site Benchmark Name OSF WELLS BM1	Benchmark Elevation (NAVD88) 67.514	Datum Offset to NGVD29 + 0.95
Reference Elevation (NAVD 88) 70.264		Existing Tag Elevation (Datum) 71.23 (NGVD 29)
Notes:		

Photographs:

Overall Site 	Benchmark Close Up 	Benchmark Location 
Brass Tag Close Up 	Brass Tag + Reference Mark 	Staff Gauge N/A

Sec. 3 TWP 26 Rge 28

Edbanks
Rodriguez

Establish (NAD 88) Elevation for GW wells
@ INRCTY well site (Osceola County)

HTA	+	H.I.	-	Elev	Remarks
BM OSF WELLS BM 1	4.63	72.144		67.514	
INRCTY GW1			1.96	70.184	
" GW2			1.97	70.174	
" GW3			1.12	71.024	
" GW			0.574	71.570	
" GW 5			1.01	71.134	
" GW 4			1.88	70.264	

BM.
OSF WELLS
BM 1

	4.63	67.514
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Sec. 20 TWP 25 Rge 29

Edbanks
Rodriguez

Establish (NAD 88) Elevation for TOTO 7 Wells

HTA	+	H.I.	-	Elev	Remarks
BM TOTO TA	4.78	75.099		70.319	END.
TOTO 7 GW WELL			1.84	73.259	
TOTO 7 GW	1.66	74.919			
BM TOTO TA.			4.60	70.319	✓



Survey Data Entry and Retrieval Application (SDERA) Print Output

Control Point Search ResultsDerived Data - Denoted By:
**

Designation	OSFWELLSBM1	Record State	ACCEPTED
NGS PID			
Project Name	INRCTY WELL SITE	Date Entered/Updated	06/27/2009
Updated By	ATLAS DATA LOAD	Status	
Party Chief	HOLLIN, ART	Type	V
Monument Set By	SOUTH FLORIDA WATER MANAGEMENT DISTRICT	Date Established	01/01/2003
County	OSCEOLA	Section	3
Township	26	Range	28
Quadrangle	INTERCESSION CITY	Offset (29 to 88)	
NGS Source BM		CCR Link	
Ctrl Pt Source(s)			

<u>Horizontal</u>	<u>NAD 1927</u>	<u>NAD 1983</u>	<u>Vertical</u>	<u>NGVD 1929</u>	<u>NAVD 1988</u>
Latitude		28 15 21.3	Class		
Longitude		81 30 13.6	Order	3	3
Northing(Y)		1426091.818	Elevation	68.47	67.514
Easting(X)		493984.844	Measurement Unit	Feet	Feet
Class					
Order					
NAD83 Adj Year					

Field Book

OSCWELLS 17

Field Book Pages

34

Stamping

OSF WELLS BM 1 2003

How to Reach**Description**

FROM THE INTERSECTION OF UNITED STATES HIGHWAY 17/92 (US 17/92) AND TALLAHASSEE BOULEVARD IN INTERCESSION CITY, GO EAST ON US 17/92 A DISTANCE OF 0.25 OF A MILE TO A ROAD INTERSECTION SHEPHERD LANE TO THE SOUTH AND NOCATEE STREET TO THE NORTH. THEN GO SOUTH ON SHEPHERD LANE 0.25 OF A MILE TO WILE ROAD. THEN GO EAST ON WILE ROAD 0.125 OF A MILE TO A FENCE WITH A GATE. GO THROUGH THE GATE AND GO SOUTH ALONG THE FENCE, 250 FEET MORE OR LESS TO THE STATIONS LOCATION.

THE STATION IS SET ON THE NORTH END OF A CONCRETE SLAB. THE STATION IS 93.6 FEET SOUTH OF THE FENCE CORNER.

THE STATION IS A BRASS DISK STAMPED OSF WELLS BM 1 2003 .

NGS SOURCE MONUMENTS: G354 AND H354

DISCLAIMER:

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REGISTRATION WORKSHEET - INRCTY Addendum

Site Name: **INRCTY** Today's Date: **4/9/2015** Type Recorder: **CR-10**
 Activity: **Addendum** Effective Date: **9/15/2015** Start Date of Data :
 Customer: Bus. Area: Agency: **SFWMD** Internal Order:
 Project Manager: **Jim VincenT** Bus. Area: **SCADA Maintenance** Agency: **SFWMD** Fund:
 Contract #:
 Project Name: **VDUP 2015** Legal Mandate:

Short Common Name / Description:

Proj. Mgr. Notes: Establish NAVD 88 elevation to groundwater wells. To convert to NGVD 29 add +0.95. Calibrated sensors using NAVD88 datum.

Site Directions:

Site Address (if any):

Transportation: **Std 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: **67.514** Date: **9/20/2007** Stamp: **OSF WELLS BM1**
 Agency: **SFWMD** Type: **ALUM** Datum: **NAVD 88**

Benchmark Location/ Description: From the intersection of US 192 and US 17 in the town of Kissimmee, head south on US 17 for 7.8 miles to Nocatee Street. Turn left and head south on Nocatee Street for .23 of a mile to Wile Avenue. Turn left and head east on Wile Avenue. Turn left and head east on Wile Avenue for 0.12 of a mile to the iron gate, go through the gate and head south for 241 feet. Well site is on the east side of dirt path in the open field.

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
GW1		70.184	4/8/2015				67.514	NAVD88	Reference point at top of PVC pipe as marked.
GW2		70.174	4/8/2015				67.514	NAVD88	Reference point at top of PVC pipe as marked.
GW3		71.024	4/8/2015				67.514	NAVD88	Reference point at top of PVC pipe as marked.
GW4		71.57	4/8/2015				67.514	NAVD88	Reference point at top of PVC pipe as marked.
GW5		71.134	4/8/2015				67.514	NAVD88	Reference point at top of PVC pipe as marked.
GW6		70.264	4/8/2015				67.514	NAVD88	Reference point at top of PVC pipe as marked.

Sensor	GW Land Elevation	Depth of Well	Meas Pt Above BM	Type of Well	GW Sensor location
GW1					
GW2					
GW3					
GW4					
GW5					
GW6					

ADDITIONAL GPS INFORMATION

Item/Parm	Lat	Long	X-Coord	Y-Coord	Sec	Township	Range	Quad	Basin	County	Description
GW1	28 15 21.33	81 30 13.704	493978	1426088	3	26	28	Intercession City		Osceola	
GW2	28 15 21.33	81 30 13.704	493978	1426088	3	26	28	Intercession City		Osceola	
GW3	28 15 21.33	81 30 13.704	493978	1426088	3	26	28	Intercession City		Osceola	
GW4	28 15 21.33	81 30 13.704	493978	1426088	3	26	28	Intercession City		Osceola	
GW5	28 15 21.33	81 30 13.704	493978	1426088	3	26	28	Intercession City		Osceola	
GW6	28 15 21.33	81 30 13.704	493978	1426088	3	26	28	Intercession City		Osceola	

Office

Project

11 April 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

INRCTYGW6

1/1

Latitude: 28 15 21.3
Longitude: 81 30 13.6
Elevation/Z: 0

Northing/Y: 1426084.005
Easting/X: 493987.177
Elevation/Z: 0.948
Convergence: -0 14 18.59496
Scale Factor: 0.999971324
Combined Factor: 0.999975615

Remark:

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