



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

SCADA RTU Station Name: GARDNER	DB Hydro Station Name: OSS-3	DB Hydro Site Name: OSS-3	Agency: S.F.W.M.D	Date of Field Work: 10/29/2019
Party Chief: EBANKS	Field Book: SCADA FB#13	Page(s): 44	Prepared by: E. Ebanks	

SITE SPECIFIC DATA

Site Benchmark(s): OSS-3	Benchmark Elevation(s) (NAVD88) 55.54 feet	Corpscon 6.0.1 Conversion Factor (NAVD88 to NGVD29) +1.15 feet
Reference Elevation(s) (NAVD88): GARDNER = 59.11 feet		Calibration Port Elevation(s) (NAVD88): N/A
Ground Elevation (NAVD88): 55.2 feet (Avg.)		Pad Elevation (NAVD88): 55.54 feet (Avg.)

GEOGRAPHIC DATA

Section 24	Township 30 South	Range 29 East
Well(s) Gate(s) Benchmark(s)	Latitude: 28°02'40.66" State Plane Coordinates	Longitude: 81°19'47.05" Northing (Y) = N/A
		Source: Scaled pick point aerial esri product Easting (X) = N/A

Notes: NAVD88 – North American Vertical Datum of 1988; NGVD29- National Geodetic Vertical Datum of 1929; Corpscon 6.0.1 - A U.S. Army Corps of Engineers Engineering Research and Development Center Topographic Engineering Center Alexandria, Virginia Windows-based program to convert coordinates and elevations between datum's using vertcon05.txt and vertcon05.05 files supplied by the U.S. Army Corps of Engineers South Atlantic Division, Jacksonville FL.

PICTURES

Aerial of Overall Site Cypress Lake
Not to scale (esri product)

GARDNER
Latitude: 28°02'40.66"
Longitude: 81°19'47.05"

Benchmark "OSS-3"
Latitude: 28°02'40.66"
Longitude: 81°19'47.05"
El. 55.54 feet NAVD88

GARDNER OSS-3 BM



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GARDNER Well Site



Ground Elevation =
55.2 feet (NAVD88)(Avg.)

GARDNER
Latitude: 28°02'40.66"
Longitude: 81°19'47.05"



Benchmark "OSS-3"
Latitude: 28°02'40.66"
Longitude: 81°19'47.05"
El. 55.54 feet NAVD88

Pad Elevation =
55.54 feet (NAVD88)(Avg.)



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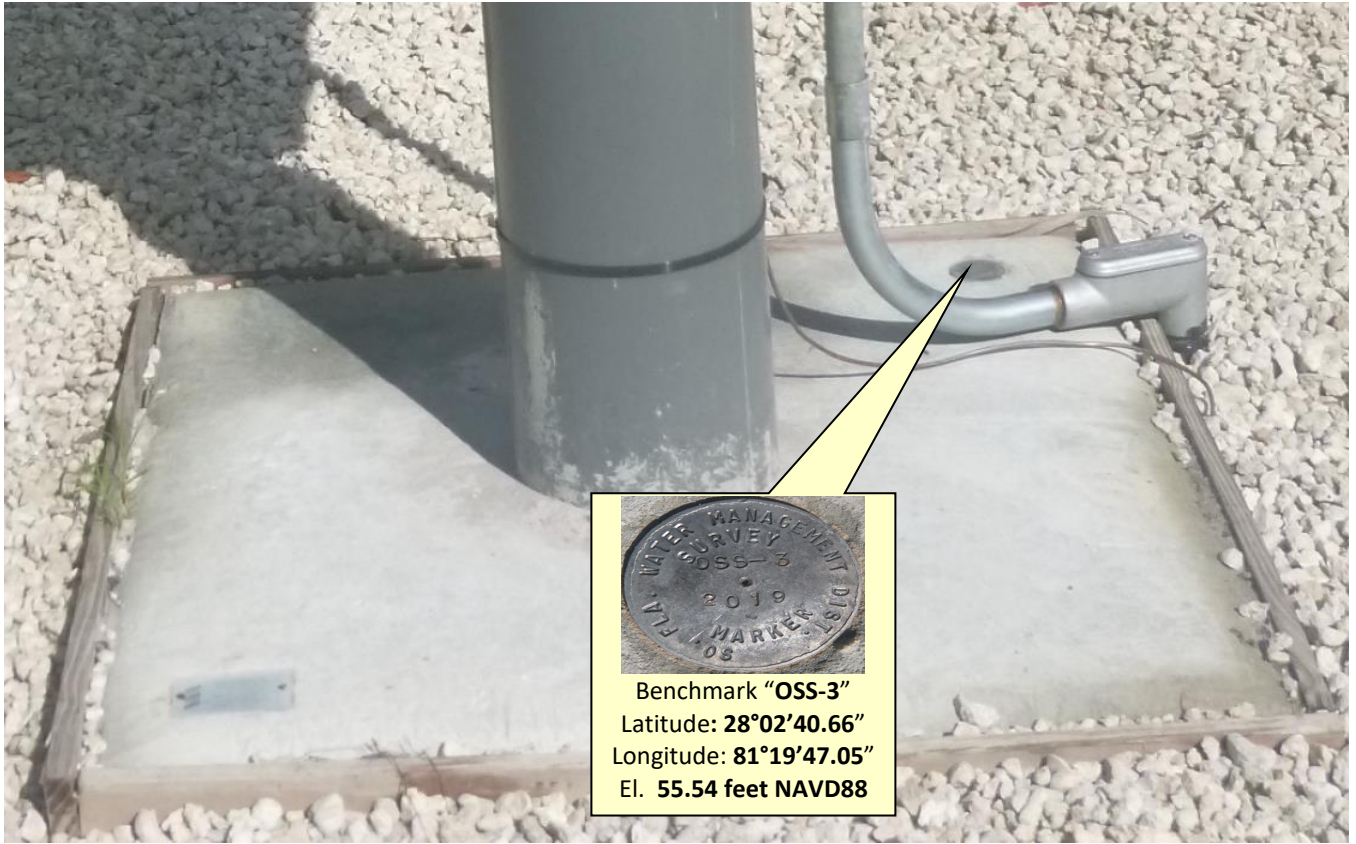




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"OSS-3" Benchmark Location
Benchmark: El. 55.54 feet (NAVD88)



Benchmark "OSS-3"
Latitude: 28°02'40.66"
Longitude: 81°19'47.05"
El. 55.54 feet NAVD88



Benchmark "OSS-3"
Latitude: 28°02'40.66"
Longitude: 81°19'47.05"
El. 55.54 feet NAVD88



South Florida Water Management District Benchmark Datasheet

Designation: OSS-3 Project Name: CFWI- Wetlands - GARDNER Type: V State Plane Zone: FL East
 Stamping: OSS-3 2019 Field Book Name: SCADA#13 Field Book Page: 44
 Established By: PICKETT & ASSOCIATES Recovered By: SFWMD Recovery Date: 10/29/19
 Surveyor: John M. Clyatt Established Date: 05/16/19 Status: _____

GEOGRAPHIC POSITION INFORMATION

Section: 16 Township: 28 SOUTH Range: 30 EAST
 County: OSCEOLA Quadrangle: CYPRESS LAKE Quad Index: _____ NGS Source BM(s): A 507
 NAD83 Adj. Year: _____ Vertical Datum: NAVD1988 Horizontal Datum: NAD1983 NGS PID(s): AJ6686
 NAVD88 Elevation (feet): 55.54 NGVD29 Elevation (feet): 56.69 2022 Elevation: _____ NGS NAVD88 Elev (ft): _____
 NAVD88 Class: _____ NGVD29 Class: _____ Other Elevation: _____ NGS NAVD88 Elev (m): _____
 NAVD88 Order: 3 NGVD29 Order: 3 Other Elevation Type: _____ NGS 2022 Elev (ft): _____

CORPSCON 6.0.1 CONVERSION FACTOR (NAVD88 TO NGVD29): (A U.S. Army Corps of Engineers Engineering Research and Development Center Topographic Engineering Center Alexandria, Virginia Windows-based program to convert coordinates and elevations between datum's using vertcon05.txt and vertcon05.05 files supplied by the U.S. Army Corps of Engineers South Atlantic Division, Jacksonville FL.)

Vertical Datum Offset: + 1.15 Actual NGS Elevation or ngvd29.txt file: _____ OPUS Ortho Height: _____
 Northing (Y) (feet): 1349073.632 Easting (X) (feet): 549807.38 Source of Latitude & Longitude: _____
 Latitude: 28 2 40.66 Longitude: 81 19 47.05
 DD° MM' SS" DD° MM' SS"
 Latitude (Decimal Degrees): 28.04462778 Longitude (Decimal Degrees): -81.32973611

RECOVERY DATA

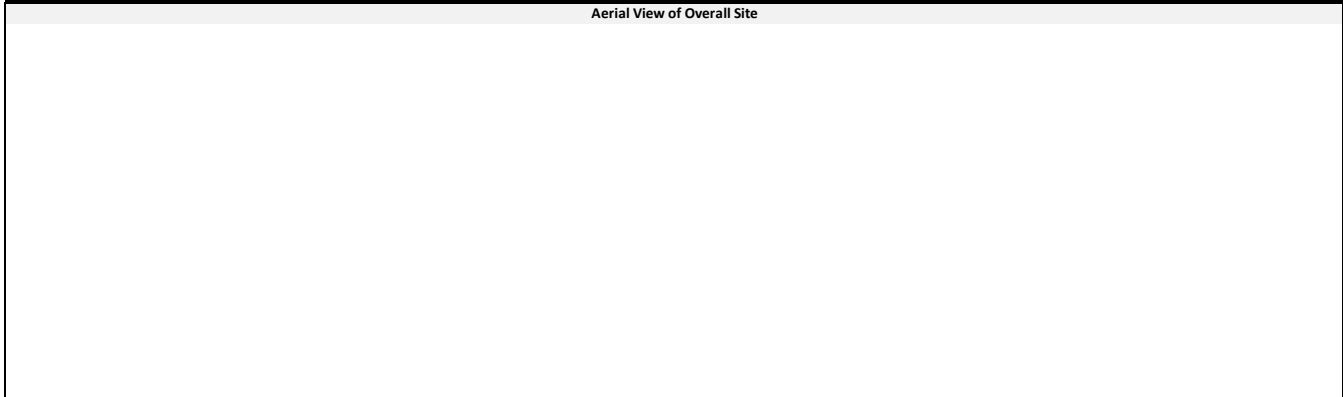
How to Reach: **From the intersection of Canoe Creek Road and Lake Cypress Road. Go Southwest on Lake Cypress Road for 0.08 to a Gate on Left. Enter Gate and follow Shell Rock Road for 2.75 +/- miles to a Fork. Take Right Fork and continue for 2.3 +/- miles to Wellsite GARDNER on Right side of Road. Mark is set in the NE Corner of the Well Pad.**

Description/Notes:

Notable Landmarks:
 Other Source Benchmarks:

PICTURES

Aerial View of Overall Site



PICTURES

Site Sketch





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GARDNER Field Notes (1 of 1)

10-29-19 SCADA POTA 12 44

SEC 10 TWP 28S RGE 30E EBANKS
SCHAUER

ESTABLISH REF. ELEV. FOR OSS-3
(GARDNER) WELL SITE, OSCEOLA COUNTY.

STA	±	HI	=	ELEV	REMARKS
Bm OSS-3 2019	5.11	60.65		55.54	(WAVD88)
OSS-3			1.54	59.11	
CONC PAD SE			5.12	55.53	
CONC PAD SW			5.09	55.56	
CONC PAD NW			5.11	55.54	
CONC PAD NE			5.12	55.53	
GROUND E			5.2	55.45	
GROUND N			5.4	55.25	
GROUND W			5.5	55.15	
GROUNDS			5.5	55.15	
		<div style="border: 1px solid black; padding: 2px; display: inline-block;">RT</div>			
OSS-3	1.8)	60.92			
Bm OSS-3 2019			5.38	55.54	✓