



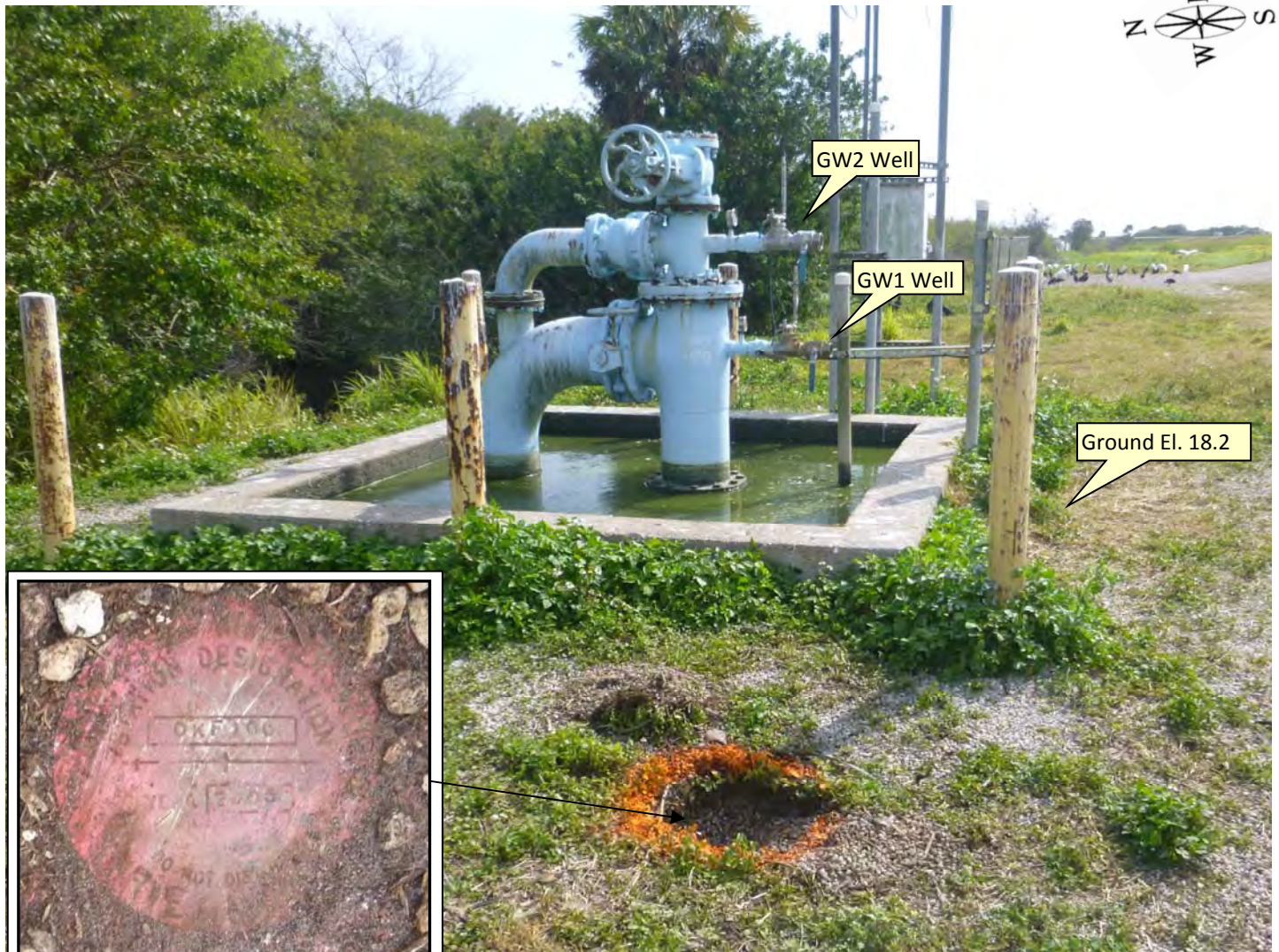
SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 1/16

| | | |
|---|---|--|
| Site Name: OKF100 | | Date of Field Work: 15-feb-16 |
| Party Chief: Strickland | Field Book: Misc 6Y | Page 12 |
| Site Benchmark: OKF100 2005 | Benchmark Elevation (NAVD88) 17.559 | Corpscon 6.0.1 Conversion Factor (NAVD88 to NGVD29) +1.270 |
| Reference Elevation(s) (NAVD88): 21.085 GW1 (¼-inch 90° elbow with sensor) 22.64 GW2 (¼-inch 90° elbow with sensor) | | Existing Tag Elevation (Datum): None |
| Calibration Elevation(s) (NAVD88): 21.12 GW1 (¼-inch 90° elbow with plug) 22.65 GW2 (¼-inch 90° elbow with plug) | | |
| Ground Elevation (NAVD88): 18.2 | | Pad Elevation (NAVD88): |
| Latitude: 27° 09' 17.4" | | Longitude: 80° 52' 16.3" |
| Notes: Field Conversion Factor: 1.283 | | |

PICTURES

OKF100 Overall Site



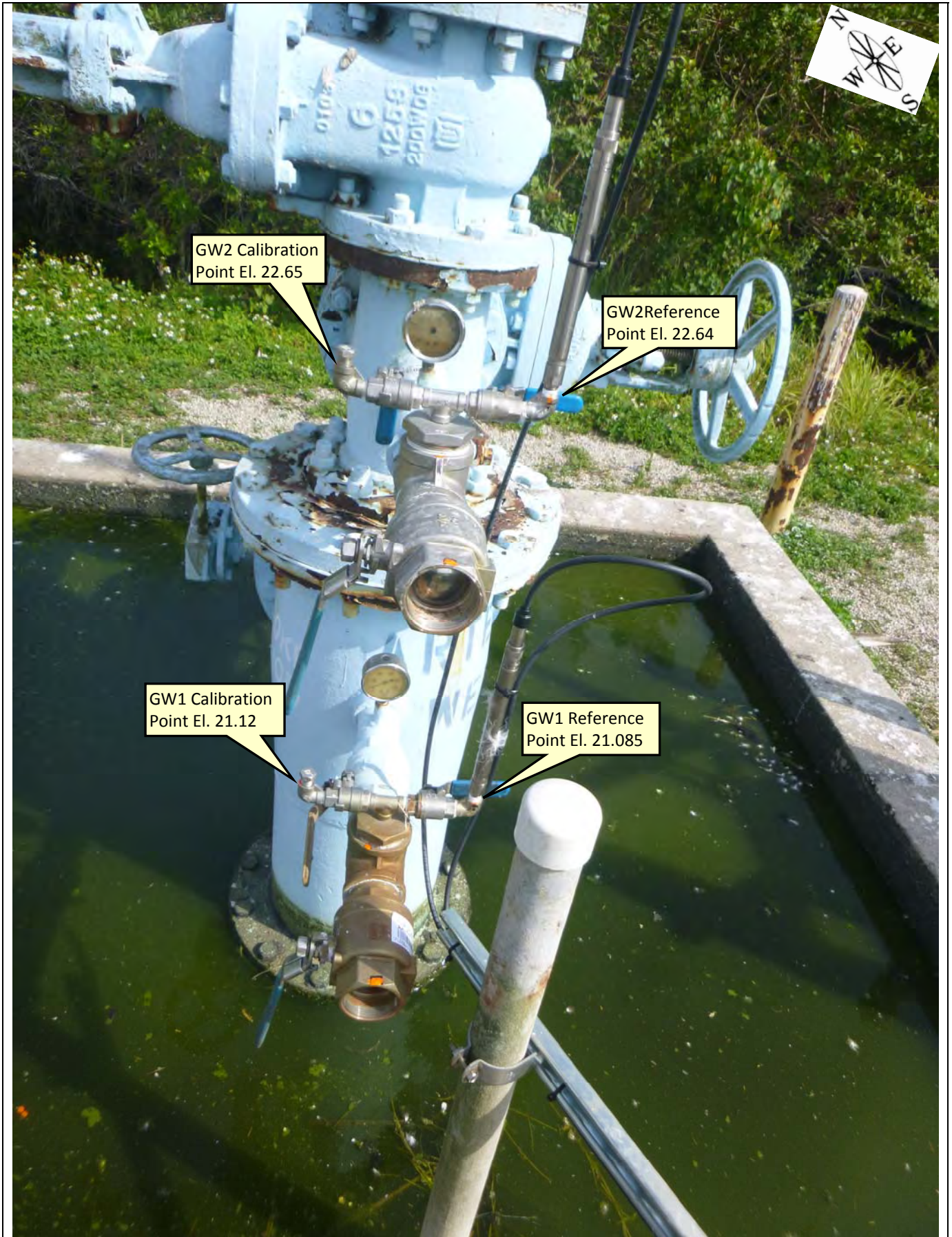
Benchmark Close up

Looking Southeasterly



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

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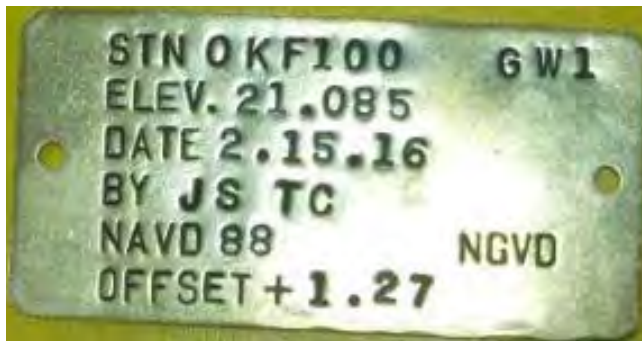


Looking Northeasterly



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

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Tags to be set at a later date

| SEC | 18 | TWP | 38 | REG | 35 |
|----------------------|-----------|-------|-------|--------|-----------------|
| | ESTABLISH | NAV88 | EL @ | OKF100 | |
| STA | + | HI | - | EL | BM EL |
| BM | 5.46 | 23.02 | | 17.56 | 17.559 NAV88 |
| LOWER | | | | | |
| 2" T "X" | | | 2.13 | 20.89 | |
| LOWER | | | | | |
| 2" BALL "X" VALVE | | | 2.20 | 20.82 | |
| LOWER | | | | | |
| 1/4" 90° ELBOW | | | 1.90 | 21.12 | |
| LOWER | | | | | |
| 1/4" 90° ELBOW | | | 1.935 | 21.085 | |
| W/SENSOR | | | | | |
| UPPER | | | | | |
| 2" T "X" | | | 0.58 | 22.44 | |
| UPPER | | | | | |
| 2" BALL "X" VALVE | | | 0.65 | 22.37 | |
| UPPER | | | | | |
| 1/4" 90° ELBOW | | | 0.37 | 22.65 | |
| UPPER | | | | | |
| 1/4" 90° ELBOW | | | 0.38 | 22.64 | |
| W/SENSOR | | | | | |
| GRND | | | 4.8 | 18.22 | |
| BM | | | 5.46 | 17.56 | 17.56 NAV88 |

NOTE: UPPER/LOWER REFER TO ~~THE~~ STRICKLAND
RELATIVE RELATIONSHIP TO EACH OTHER
BEING ABOVE/BELOW ~~OF~~ CLANTON

COMMENTS

BM OKF100 2005 FID SFWMS BRASS DISK
GOOD COND

"X" MARK ATOP LOWER 2" T

"X" " " " " 2" BALL VALVE

"X" " " " " 1/4" 90° ELBOW (WESTERLY ELBOW)

(GW-1)

"V" " " " " " " W/SENSOR (ELY ELBOW)

"X" " " " " UPPER 2" T

"X" " " " " UPPER 2" BALL VALVE

"X" " " " " UPPER 1/4" 90° ELBOW (W/LY ELBOW)

(GW-2)

"V" " " " " UPPER 1/4" " " W/SENSOR (ELY ELBOW)

GROUND @ WELL

BM OKF100 2005 AS ABOVE



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

| | | |
|---|---|--------------------------------|
| COUNTY: <u>OCKEECHOBEE</u> | PROJECT: <u>KISSIMMEE RIVER WELL SITES, C-C1991OP-WO05</u> | DESIGNATION: <u>OKF100</u> |
| SECTION: <u>18</u> | TOWNSHIP: <u>38 South</u> | RANGE: <u>35 East</u> |
| GEOGRAPHIC INDEX OF QUAD: <u>2607</u> | | |
| Established by: <u>MACTEC, Inc.</u> | NAME OF QUADRANGLE: <u>LAKE OKEECHOBEE</u> | |
| SURVEYOR <u>Charles B. Gardiner</u> DATE <u>06/03/2005</u> | FIELD BOOK: <u>KR-MEC 01</u> PAGE: <u>24-26</u> | |
| HORIZONTAL DATUM: 1927 <input type="radio"/> 1983 <input checked="" type="radio"/> Other _____ (circle one) | ZONE <input checked="" type="radio"/> E or <input type="radio"/> W | |
| VERTICAL DATUM: MSL 1929 <input type="radio"/> 1988 <input checked="" type="radio"/> Other _____ (circle one) | | |
| CONTROL ACCURACY: HORIZONTAL 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> <u>Sub Meter</u> (circle one) | VERTICAL 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 | |
| STATE PLANE COORDINATES | X: 698036. USft | Y: 1025473. USft EL.: 17.56 ft |
| LATITUDE: +27° 09' 17.37" | LONGITUDE: -80° 52' 16.46" | |

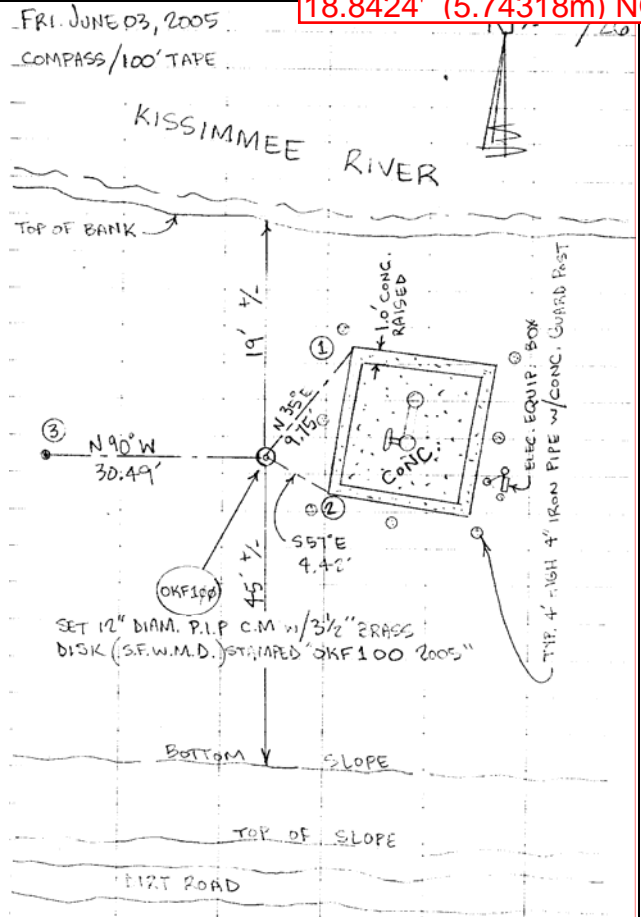
DESCRIPTION

17.5593' (5.35208m NAVD88)
18.8424' (5.74318m NGVD29)

To reach the station from the intersection of U.S. Highway 441 and State Road 78 in Okeechobee, Florida go west and then south on State Road 78 for 4.2 miles to a dirt road on the right, thence proceed northwest along dirt road that follows the top of a berm for 1500 feet, more or less to the station on the right at:

Lat. + 27° 09' 17.37"
Long. - 80° 52' 16.46"

Mark is a SFWMD 3 1/2" Brass disk; stamped [OKF100] [2005]; set in top of a 12" diameter poured in place concrete monument.



Notable Land marks:

REGISTRATION WORKSHEET - OKF100 Addendum

Site Name: **OKF100** Today's Date: **2/16/2016** Type Recorder: **CR10**
 Activity: **Addendum** Effective Date: 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: **Water Supply Plan** Contract #:

Short Common Name / Description: OKF100

Proj. Mgr. Notes: This addendum was performed to add NAVD 88 surveying data for the reference elevation. To convert to NGVD 29 add +1.27ft.

Site Directions: From the Okeechobee Field Station drive south on US441 to SR78; turn right (west) on to SR78. Follow SR78 for approximately 4.5 miles to Herbert Hoover Dike Road, which is east of the Kissimmee River bridge; turn right on to the levee next to Herbert Hoover Dike Road. Follow this levee for approximately .3 miles; the site is on the north side of the levee.

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: **17.559 ft** Date: **1/1/2005** Stamp: **OKF100 2005**
 Agency: **SFWMD** Type: **BRASS** Datum: **NAVD 88**

Benchmark Location/ Description: THE STATION IS A SFWMD 3 1/2" BRASS DISK IN A CONCRETE COLUMN. THE BENCH MARK IS LOCATED ON THE WEST SIDE OF THE CONCRETE WELL BASIN +/- 1.0 BELOW GROUND LEVEL. IT IS LOCATED 4.2 FEET WEST OF THE WEST FACE OF THE CONCRETE WELL BASIN AND 9.7 FEET SOUTH WEST OF THE NORTH WEST CORNER OF THE CONCRETE WELL BASIN.

COMMUNICATIONS INFORMATION

Communications System: **Loggernet** Loggernet Server: **LOG1** Loggernet IP Address: **0**

Tower: **OKEFST** Communication Type: **R.F. (V.H.F. Radio)** R.F. Code/Modem Address: **174** 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 | | 21.085 ft | 2/15/2016 | | | 18.22 ft | 17.559 ft | NAVD 88 | "X" mark on top of lower 1/4" 90° elbow w/ sensor (easterly elbow) |
| GW2 | | 22.64 ft | 2/15/2016 | | | 18.22 ft | 17.55 ft | NAVD 88 | "x" mark on top of upper 1/4" 90° elbow w/ sensor (easterly elbow) |

| 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 | | | | | | | | | | | | | | | | |
| GW2 | | | | | | | | | | | | | | | | |

COORDINATE INFORMATION

| Item/Param | Lat | Long | X-Coord | Y-Coord | Sec | Township | Range | Quad | Basin | County | Description |
|------------|-----------------|----------------|------------|---------|-----|----------|-------|------|-------|------------|-------------|
| GW1 | N27° 09' 17.39" | W80° 52' 16.2" | 698049.772 | 1025474 | 18 | 38 | 35 | 2607 | L59E | Okeechobee | |
| GW2 | N27° 09' 17.39" | W80° 52' 16.2" | 698049.772 | 1025474 | 18 | 38 | 35 | 2607 | L59E | Okeechobee | |
| RTU | N27° 09' 17.39" | W80° 52' 16.2" | 698049.772 | 1025474 | 18 | 38 | 35 | 2607 | L59E | Okeechobee | |