

Rev. 1/16

Site Name: LMMW			Date of Field Work: 14-apr-10		
Party Chief: Hudson	Field Book: Misc 7			Page 31	
Site Benchmark: INJ BM O4 2004	Benchmark Elevation (NAVD88)		4.97	Corpscon 6.0.1 Conversion Factor (NAVD88 to NGVD29) +1.188	
Reference Elevation(s) (NAVD88):		Existing Tag Elevation (Datur		m):	Calibration Port Elevation(s) (NAVD88):
8.60 L-6433 (GW 1)		None			Not required
8.98 L-6436 (GW 2)					
Ground Flevation (NAVD88): Not required			Pad F	Pad Flevation (NAVD88): Not required	

Ground Elevation (NAVD88): Not required

L-6433 (GW 1) Latitude 26° 38'05.46 "N Longitude: 82° 03' 21.47" W L-6436 (GW 2) Latitude 26° 39'05.08 "N Longitude: 82° 03' 21.46" W

(taken from Google Earth)

NAVD88 - North American Vertical Datum of 1988 NGVD29- National Geodetic Vertical Datum of 1929

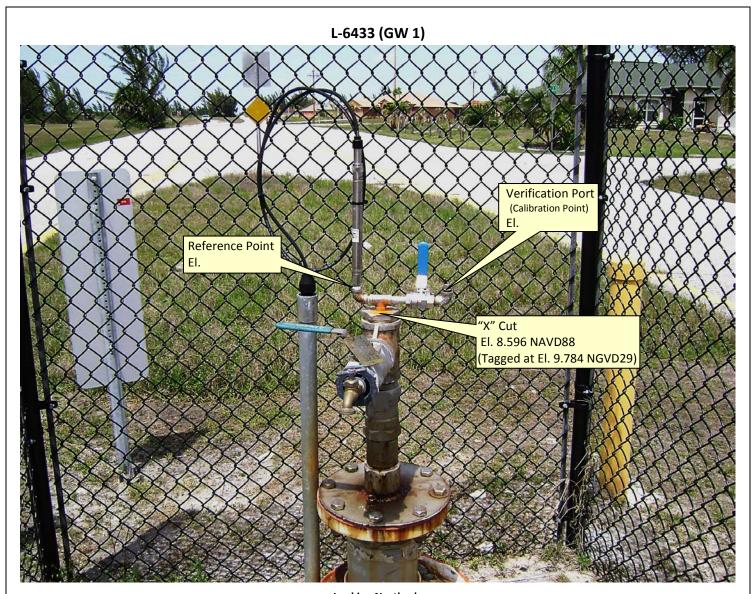
Corpscon 6.0.1 - A U.S. Army Corps of Engineers Engineering Research and Development Center Topographic Engineering Center Alexandria, Virginia Windows-based program to convert coordinates and elevations between datum's using vertcon05.txt and vertcon05.05 files supplied by the U.S. Army Corps of Engineers South Atlantic Division, Jacksonville Fl.

PICTURES Overall Site L-6436 (GW 2) L-6433 (GW 1) Old Burnt Store Road

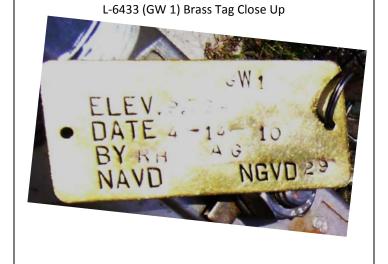
Looking Southerly

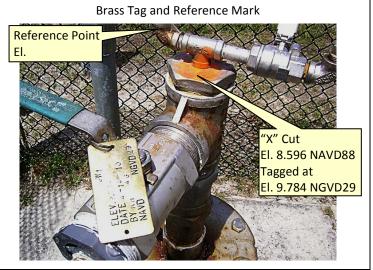


Rev. 1/16



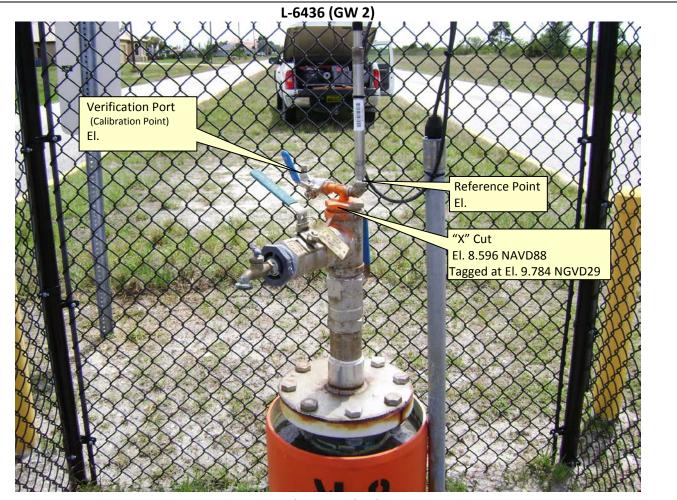
Looking Northerly







Rev. 1/16



Looking Southerly



L-6436 (GW 2) Brass Tag Close Up





Rev. 1/16

DESIGNATION: LMMW

ESTABLISHED BY: CONSUL-TECH

RECOVERED BY: SOUTH FLORIDA WATER MANAGEMENT DISTRICT

DATE: 14-apr-10

GEOGRAPHIC POSITION

SECTION 18 TOWNSHIP 44 SOUTH RANGE 23 EAST

COUNTY Lee

NAME OF QUADRANGLE: MATLACHA

GEOGRAPHIC INDEX OF QUAD: 2217

HORIZONTAL DATUM: 1927 1983 Other_____ (circle one) ZONE (E) or W

VERTICAL DATUM: MSL 1929 (1988) Other___ (circle one)

VERTICAL ACCURACY: 1 2 (3)

STATE PLANE COORDINATE X= 842544* Y= 637896* NAVD 88 EL. 4.976
NGVD 29 EL. 6.161

CORPSCON 6.0.1 CONVERSION FACTOR (NAVD88 TO NGVD29): +1.188

LATITUDE: 26°39'05.87" N * LONGITUDE: 082°03'21.38" W *

RECOVERY DATA

Stamping: INJ BM O4 2004

To Reach: From the junction of Interstate 75 (I-75) and Pine Island Road (State Road 78), go west on Pine Island Road 15.6 miles to Burnt Store Road (State Road 765); turn right (north) onto Burnt Store Road and go north 1.0 mile to Embers Road; turn left (west onto Embers Road and go west 1 mile to Old Burnt Store Road; turn left (south) onto Old Burnt Store Road, 0.1 of a mile to South Florida Water Management District's well site LMMW (L-6433 GW1 and L-6436 GW-2) and station location.

Station is a bronze Corps of Engineers disk stamped "INJ BM O4 2004." In a NGS Class "C" concrete monument.

NGS SOURCE BENCHMARKS: B240 (AG1603) and Z240 (AG1599)

FIELD BOOK MISC 7 PAGE 31

PICTURES

Overall Site

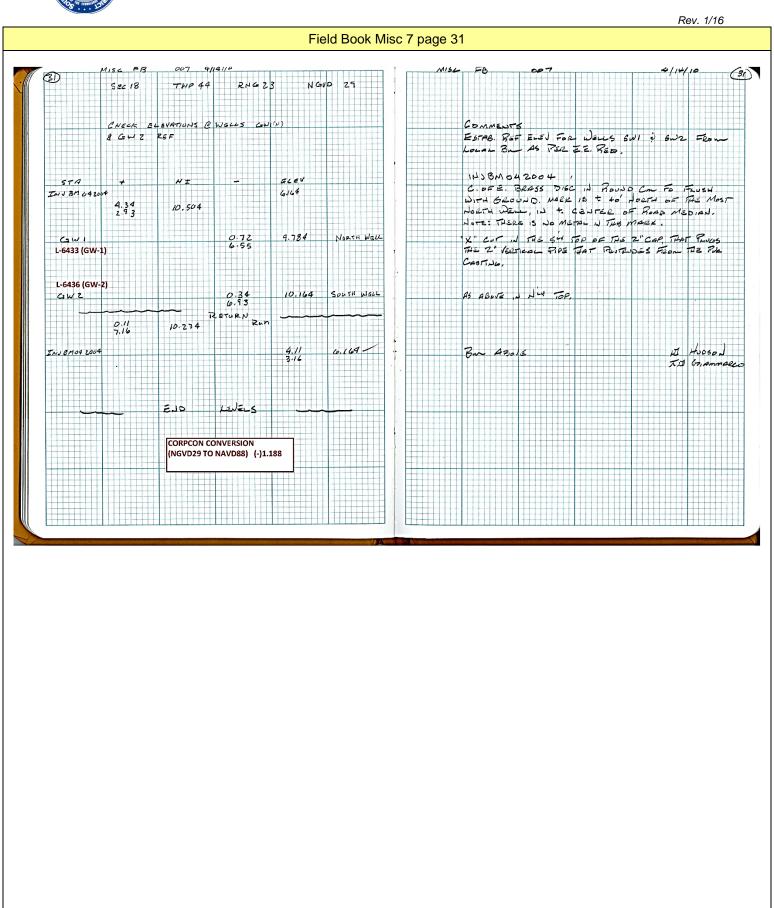




Bronze C.of E. Disk stamped "INJ BM O4" El. 4.976 NAVD88 El. 6.161 NGVD29

Looking Southerly





Office

Project

2 March 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

LMMW

1/1

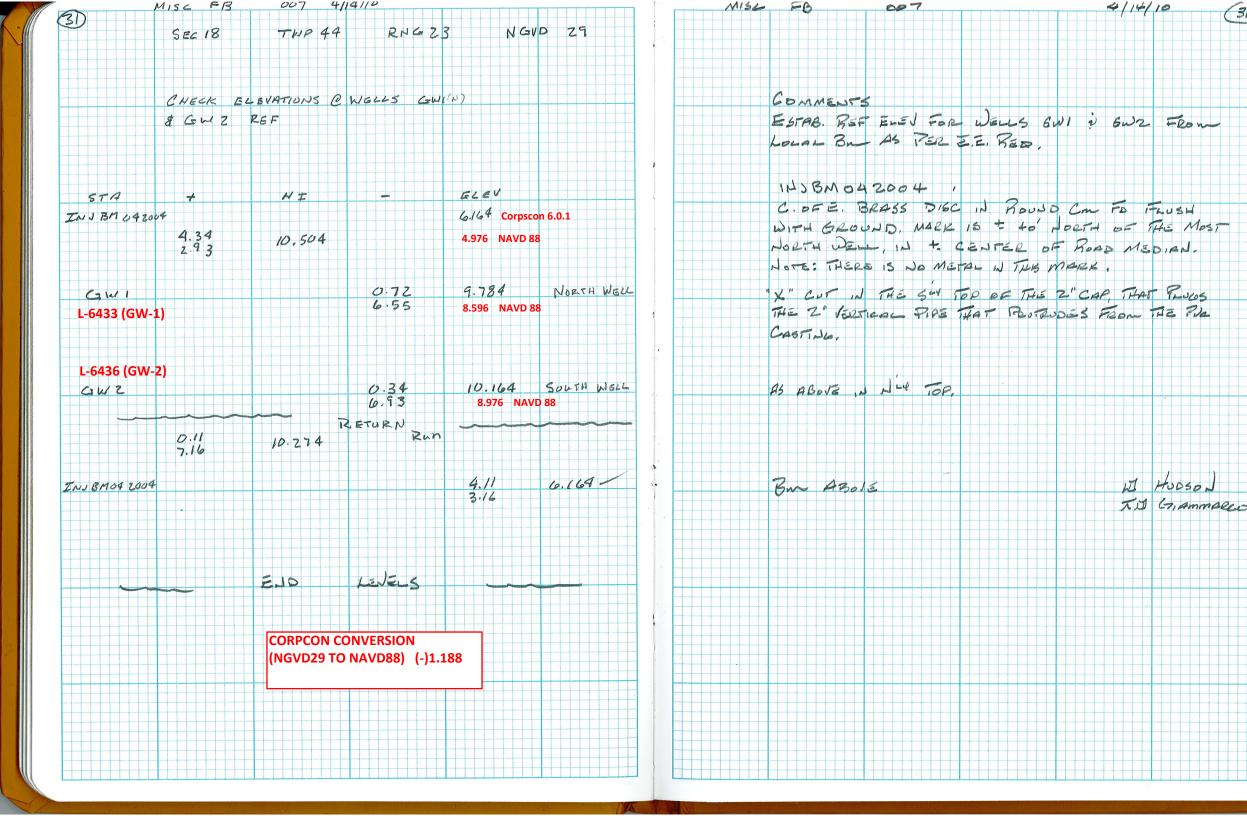
Latitude: 26 39 05.87 **Longitude:** 82 03 21.38

Elevation/Z: 0

Northing/Y: 843965.750 Easting/X: 311267.340 Elevation/Z: 1.188

Convergence: -0 28 25.32141
Scale Factor: 1.000077566
Combined Factor: 1.000081246

Remark:



(31)