

Ebanks
Hudson

Sec 12. Twp 42 Rge 32

Establish Ref. Elev. for (NEW) Monitoring
Wells @ S-235

STA	+	ht.	-	Elev	Remarks
BMS-235	5.57 (2.71)	21.39		15.82	FWD.
S-235TW			1.78 (6.50)	19.61	SETBACK
S-235TW			2.46 (5.82)	18.93	SETBACK.
BMS-235			5.57 (2.71)	15.82	✓

REF 6
(16.38)
Bm

Ebanks
Research

Sec. 8 Twp 27 Rge 29.

Verify Ref. Elev for Monitoring Well
FOR KIRCHOFF GW 1 & GW 2.

STA	+	ht.	-	Elev.	Remarks.
Bm 05134 1981	5.30 (2.96)	76.83		71.512	
GW 1			2.155 (6.13)	74.675	SCADA (74.70)
GW 2			3.06 (5.22)	73.77	(73.74)

KIRCOF GW1
ELEV. 74.675
DATE 11 25 08
BY EE MR
NAVD NGVD 29

KIRCOF GW2
ELEV. 73.77
DATE 11 25 08
BY EE MR
NAVD NGVD 29

KIRCOF

GW 2

ELEV. 73.77

DATE 11 25 08

BY EE MR

NAVD

NGVD 29

ELE. KIRCOF GW2
DATE 78-77
BY EE MR
NAVD 11 25 08
NGVD 29

07.16.2010



South Florida Water Management District Benchmark Database

Report run on: May 15, 2008 12:06 PM

Designation: OS134
County: OSCEOLA
USGS Quad: LAKE TOHOPEKALIGA
Project: OSCEOLA COUNTY WELLS
Sec: 8 Twp: 27 Rge: 29

Latitude: 280918.000 Scaled values only
Longitude: 812523.000
Monument By: SFWMD
Year: 1981
Type: V
Stamping: BM OS-134 1981
Party Chief: PAUL RANKIN
Field Book
Page:

NAD 1927 Coordinates:

N =
E =

Adjustment:

NAD 1983 Coordinates:

X =
Y =

Adjustment:

Order:
Class:

NGVD 1929
Elevation: 71.660
Order: 2
Class: I

NAVD 1988
Elevation: 70.649
Order: 2
Class: I

Description:

CORPSCON (VERTCON) EL. 71.66 NGVD 1929

SFWMD EL. 71.512 NGVD 29

FLDEP PRELIMINARY EL.72.042 NGVD 1929 EL.70.536 NAVD 1988

***** RECOVERY NOTE *****

5/01/07 TC KEITH&SCHNARS FOUND ALUMINUM DISC SET IN TOP OF A CONCRETE
MONUMENT STAMPED BM OS-134 1981 SFWMD EL. 70.65 NAVD 1988
FOR WRWX WELL SITE.

THE NGS DATA SHEET

SEE FILE DSDATA.TXT FOR MORE INFORMATION ABOUT THE DATASHEET.DATABASE = SYBASE
,PROGRAM = DATASHEET, VERSION = 7.35

1 NATIONAL GEODETIC SURVEY, RETRIEVAL DATE = APRIL 27, 2006

DF6743 *****

DF6743 DESIGNATION - OS 134
DF6743 PID - DF6743
DF6743 STATE/COUNTY- FL/OSCEOLA
DF6743 USGS QUAD - LAKE TOHOPEKALIGA (1987)
DF6743
DF6743 *CURRENT SURVEY CONTROL
DF6743

DF6743* NAD 83(1986)- 28 09 18. (N) 081 25 23. (W) SCALED
DF6743* NAVD 88 - 21.534 (METERS) 70.65 (FEET) ADJUSTED
DF6743

DF6743 GEOID HEIGHT- -27.60 (METERS) GEOID03
DF6743 DYNAMIC HT - 21.502 (METERS) 70.54 (FEET) COMP
DF6743 MODELED GRAV- 979,153.7 (MGAL) NAVD 88
DF6743

DF6743 VERT ORDER - SECOND CLASS I
DF6743

DF6743.THE HORIZONTAL COORDINATES WERE SCALED FROM A TOPOGRAPHIC MAP AND HAVE
DF6743.AN ESTIMATED ACCURACY OF +/- 6 SECONDS.

DF6743
DF6743.THE ORTHOMETRIC HEIGHT WAS DETERMINED BY DIFFERENTIAL LEVELING



South Florida Water Management District Benchmark Database

Report run on: May 15, 2008 12:06 PM

DF6743.AND ADJUSTED BY THE NATIONAL GEODETIC SURVEY IN APRIL 2004..
 DF6743
 DF6743.THE GEOID HEIGHT WAS DETERMINED BY GEOID03.
 DF6743
 DF6743.THE DYNAMIC HEIGHT IS COMPUTED BY DIVIDING THE NAVD 88
 DF6743.GEOPOTENTIAL NUMBER BY THE NORMAL GRAVITY VALUE COMPUTED ON THE
 DF6743.GEODETIC REFERENCE SYSTEM OF 1980 (GRS 80) ELLIPSOID AT 45
 DF6743.DEGREES LATITUDE (G = 980.6199 GALS.).
 DF6743
 DF6743.THE MODELED GRAVITY WAS INTERPOLATED FROM OBSERVED GRAVITY VALUES.
 DF6743
 DF6743; NORTH EAST UNITS ESTIMATED ACCURACY
 DF6743;SPC FL E - 423,460. 158,450. MT (+/- 180 METERS SCALED)
 DF6743
 DF6743 SUPERSEDED SURVEY CONTROL
 DF6743
 DF6743.NO SUPERSEDED SURVEY CONTROL IS AVAILABLE FOR THIS STATION.
 DF6743
 DF6743_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RMM584144(NAD 83)
 DF6743_MARKER: DD = SURVEY DISK
 DF6743_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
 DF6743_STAMPING: BM OS-134 1981
 DF6743_MARK LOGO: SFLWMD
 DF6743_PROJECTION: RECESSED 15 CENTIMETERS
 DF6743_MAGNETIC: N = NO MAGNETIC MATERIAL
 DF6743_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
 DF6743+STABILITY: SURFACE MOTION
 DF6743_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
 DF6743+SATELLITE: SATELLITE OBSERVATIONS - JULY 20, 2001
 DF6743
 DF6743 HISTORY - DATE CONDITION REPORT BY
 DF6743 HISTORY - 1981 MONUMENTED SFLWMD
 DF6743 HISTORY - 20010720 GOOD FLDEP
 DF6743 HISTORY - 20050202 GOOD INDIV
 DF6743
 DF6743 STATION DESCRIPTION
 DF6743
 DF6743'DESCRIBED BY FL DEPT OF ENV PRO 2001 (JLM)
 DF6743'THE MARK IS ABOUT 12.25 MI SOUTHWEST OF KISSIMMEE, IN SECTION 8,
 DF6743'TOWNSHIP 27 SOUTH, RANGE
 DF6743'29 EAST.
 DF6743'
 DF6743'TO REACH THE MARK FROM THE JUNCTION OF U.S. HIGHWAY 192 (VINE STREET)
 DF6743'AND U.S. HIGHWAY
 DF6743'17, 92 (JOHN YOUNG PARKWAY) IN KISSIMMEE, GO SOUTH ON U.S. HIGHWAY 17,
 DF6743'92 FOR 3.5 MI TO THE
 DF6743'JUNCTION OF PLEASANT HILL ROAD (COUNTY ROAD 531) ON THE LEFT, TURN
 DF6743'LEFT ON PLEASANT HILL
 DF6743'ROAD (COUNTY ROAD 531) AND GO SOUTH FOR 7.55 MI TO THE JUNCTION OF
 DF6743'SOUTHPORT ROAD ON
 DF6743'THE LEFT, TURN LEFT ON SOUTHPORT ROAD AND GO EAST FOR 1.2 MI TO THE
 DF6743'MARK ON THE RIGHT,
 DF6743'SET IN THE TOP OF A ROUND CONCRETE MONUMENT RECESSED 0.6 FT BELOW THE
 DF6743'LEVEL OF THE
 DF6743'GROUND AND THE LEVEL OF SOUTHPORT ROAD.
 DF6743'
 DF6743'LOCATED 265.0 FT WEST OF THE APPROXIMATE CENTERLINE OF HURT ROAD, 22.5



South Florida Water Management District Benchmark Database

Report run on: May 15, 2008 12:06 PM

DF6743' FT SOUTH OF THE
 DF6743' CENTERLINE OF SOUTHPORT ROAD, 1.2 FT NORTH OF A SFWMD METAL WITNESS
 DF6743' POST, 1.0 FT WEST
 DF6743' OF A BARBWIRE FENCE LEADING SOUTH AND 0.9 FT NORTH OF A BARBWIRE
 DF6743' FENCE.
 DF6743'
 DF6743'
 DF6743
 DF6743 STATION RECOVERY (2005)
 DF6743
 DF6743 RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2005
 DF6743 RECOVERED AS DESCRIBED. RECOVERY NOTE BY COONER AND ASSOCIATES, INC.

*** RETRIEVAL COMPLETE.
 ELAPSED TIME = 00:00:00

 THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT DESCRIPTION SHEET
 FROM THE INTERSECTION OF US RT 192 AND COUNTY RT C-531 PLEASANT HILL RD WEST OF KISSIMMEE,
 GO SOUTH ALONG C-531 FOR 7.2 MLS TO SOUTH PORT RD THEN GO EASTERLY ALONG SOUTH PORT
 ROAD FOR 1.1 MI TO THE NW CORNER OF A CITRUS GROVE AND STATION LOCATION.

STATION IS 22.9 FT SOUTH OF THE CENTER OF SOUTHPORT ROAD, 1.1 FT WEST OF FENCE WHICH RUNS
 TO THE E. AND TO THE S., 1.5' E. OF A GUY ANCHOR AND 10.5' NW OF A 4"X4" RIGHT OF WAY MONUMENT.
 STATION IS ALSO 13.9' E. OF A TELEPHONE POLE, S20W 43.76' FROM TELEPHONE POLE 003.

A DISC SET INTO THE TOP OF A CONCRETE POST RECESSED 1". 1.0' S FROM A WITNESS POST, 0.9 MI. W.
 OF BM SFWMD P-15.

***** THE FLDEP PRELIMINARY DESCRIPTION *****

-*- FIELD ABSTRACT -*-

900726-900918 HGZ L26221 2 6.0 MM ORDER 2 CLASS 1 PAGE 1
 LEVELING IN POLK AND OSCEOLA COUNTY AREA.
 LEVELING FROM ST CLOUD, FL. GO WESTERLY ON C/R 523 FOR 1.1 MI TO A
 BRIDGE OVER CANAL 31 AND THE BEGINNING OF A SPUR TO THE NE. 8.8 MI AND
 A LOOP TO THE NW, GO NW. ON C/R 525 FOR 7.5 MI TO KISSIMMEE, FL., GO
 SW. ON U.S. 92 FOR 3.3 MI TO JCT. OF C/R 531, GO S. ON C/R 531 FOR
 12.0 MI TO THE JCT. OF SOUTHPORT RD., GO E. ON SOUTHPORT RD. FOR 5.9
 MI TO THE JCT. OF SOUTHPORT CANAL, GO S. ON SOUTHPORT CANAL RD. FOR
 2.4 MI TO THE JCT. OF A DIRT RD. (SPUR S. 2 MI), GO NE. 3.5 MI..MORE.
 NOTE ELEVATION BASED ON PRELIMINARY NAVD 88 HEIGHT INFORMATION.

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0241 BM OS 135      8120940 F  1.74  1.80492 * -7.04  1.80140 3
0242 BM OS 134      8231022 B  1.74 -1.79788 *           3
                   SL 1   35.49                -69.90  21.49930
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NOTE ELEVATION BASED ON PRELIMINARY NGVD 29 HEIGHT INFORMATION.

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0241 BM OS 135      8120940 F  1.74  1.80492 * -7.04  1.80140 3
0242 BM OS 134      8231022 B  1.74 -1.79788 *           3
                   SL 1   35.49                -69.90  21.95830
-----

```

TO REACH THE MARK FROM THE JUNCTION OF U.S. HIGHWAY 192 (VINE STREET) AND U.S. HIGHWAY 17,
 92 (JOHN YOUNG PARKWAY) IN KISSIMMEE, GO SOUTH ON U.S. HIGHWAY 17, 92 FOR 3.5 MI TO THE
 JUNCTION OF PLEASANT HILL ROAD (COUNTY ROAD 531) ON THE LEFT, TURN LEFT ON PLEASANT HILL
 ROAD (COUNTY ROAD 531) AND GO SOUTH FOR 7.55 MI TO THE JUNCTION OF SOUTHPORT ROAD ON THE
 LEFT, TURN LEFT ON SOUTHPORT ROAD AND GO EAST FOR 1.2 MI TO THE MARK ON THE RIGHT, SET IN
 THE TOP OF A ROUND CONCRETE MONUMENT RECESSED 0.6 FT BELOW THE LEVEL OF THE GROUND



South Florida Water Management District Benchmark Database

Report run on: May 15, 2008 12:06 PM

AND THE LEVEL OF SOUTHPORT ROAD.

LOCATED 265.0 FT WEST OF THE APPROXIMATE CENTERLINE OF HURT ROAD, 22.5 FT SOUTH OF THE CENTERLINE OF SOUTHPORT ROAD, 1.2 FT NORTH OF A SFWMD METAL WITNESS POST, 1.0 FT WEST OF A BARBWIRE FENCE LEADING SOUTH AND 0.9 FT NORTH OF A BARBWIRE FENCE.

The NGS Data Sheet

See file [dsdata.txt](#) for more information about the datasheet.

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PROGRAM = datasheet95, VERSION = 8.7.1
1      National Geodetic Survey,      Retrieval Date = AUGUST 10, 2015
DF6743 *****
DF6743 DESIGNATION - OS 134
DF6743 PID - DF6743
DF6743 STATE/COUNTY- FL/OSCEOLA
DF6743 COUNTRY - US
DF6743 USGS QUAD - LAKE TOHOPEKALIGA (1987)
DF6743
DF6743 *CURRENT SURVEY CONTROL
DF6743
DF6743* NAD 83(1986) POSITION- 28 09 18. (N) 081 25 23. (W) SCALED
DF6743* NAVD 88 ORTHO HEIGHT - 21.534 (meters) 70.65 (feet) ADJUSTED
DF6743
DF6743 GEOID HEIGHT - -27.62 (meters) GEOID12B
DF6743 DYNAMIC HEIGHT - 21.502 (meters) 70.54 (feet) COMP
DF6743 MODELED GRAVITY - 979,153.7 (mgal) NAVD 88
DF6743
DF6743 VERT ORDER - SECOND CLASS I
DF6743
DF6743.The horizontal coordinates were scaled from a topographic map and have
DF6743.an estimated accuracy of +/- 6 seconds.
DF6743.
DF6743.The orthometric height was determined by differential leveling and
DF6743.adjusted by the NATIONAL GEODETIC SURVEY
DF6743.in April 2004.
DF6743
DF6743.The dynamic height is computed by dividing the NAVD 88
DF6743.geopotential number by the normal gravity value computed on the
DF6743.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
DF6743.degrees latitude (g = 980.6199 gals.).
DF6743
DF6743.The modeled gravity was interpolated from observed gravity values.
DF6743
DF6743; North East Units Estimated Accuracy
DF6743;SPC FL E - 423,460. 158,450. MT (+/- 180 meters Scaled)
DF6743
DF6743 SUPERSEDED SURVEY CONTROL
DF6743
DF6743.No superseded survey control is available for this station.
DF6743
DF6743_U.S. NATIONAL GRID SPATIAL ADDRESS: 17RMM584144(NAD 83)
DF6743
DF6743_MARKER: DD = SURVEY DISK
DF6743_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
DF6743_STAMPING: BM OS-134 1981
DF6743_MARK LOGO: SFLWMD
DF6743_PROJECTION: RECESSED 15 CENTIMETERS
DF6743_MAGNETIC: N = NO MAGNETIC MATERIAL
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DF6743+STABILITY: SURFACE MOTION
DF6743_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
DF6743+SATELLITE: SATELLITE OBSERVATIONS - July 20, 2001
DF6743
DF6743 HISTORY - Date Condition Report By
DF6743 HISTORY - 1981 MONUMENTED SFLWMD
DF6743 HISTORY - 20010720 GOOD FLDEP

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DATASHEETS

DF6743 HISTORY - 20050202 GOOD INDIV
 DF6743 HISTORY - 20071017 GOOD WOOLPT

DF6743

DF6743 STATION DESCRIPTION

DF6743

DF6743'DESCRIBED BY FL DEPT OF ENV PRO 2001 (JLM)

DF6743'THE MARK IS ABOUT 12.25 MI SOUTHWEST OF KISSIMMEE, IN SECTION 8,

DF6743'TOWNSHIP 27 SOUTH, RANGE

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DF6743'LOCATED 265.0 FT WEST OF THE APPROXIMATE CENTERLINE OF HURT ROAD, 22.5

DF6743'FT SOUTH OF THE

DF6743'CENTERLINE OF SOUTHPORT ROAD, 1.2 FT NORTH OF A SFWMD METAL WITNESS

DF6743'POST, 1.0 FT WEST

DF6743'OF A BARBWIRE FENCE LEADING SOUTH AND 0.9 FT NORTH OF A BARBWIRE

DF6743'FENCE.

DF6743'

DF6743'

DF6743

DF6743 STATION RECOVERY (2005)

DF6743

DF6743'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2005

DF6743'RECOVERED AS DESCRIBED. RECOVERY NOTE BY COONER AND ASSOCIATES, INC.

DF6743

DF6743 STATION RECOVERY (2007)

DF6743

DF6743'RECOVERY NOTE BY WOOLPERT CONSULTANTS 2007 (NM)

DF6743'RECOVERED IN GOOD CONDITION.

*** retrieval complete.

Elapsed Time = 00:00:02