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Identification_Information:
          Ci tati on:
                    Citation_Information:
                             Originator: Darren Townsend(ed.)
Darren Townsend
                             Publication_Date: 20050518
Publication_Time: Unknown
Title: S.F.W.M.D. Well Griffin Ranch
Cooner & Associates
                             Edition: 1
                             Publication_Information:
                                       Publication_Place: 20050518
                                       Publisher: None
                             Online_Linkage: darrent@cooner.com
          Description:
                    Abstract:
                              South Florida Water Management District
                             Well Griffin Ranch
Purpose
                    Purpose:
                             To establish NAVD 88 and NGVD 29 elevations on the
                             wells reference marks from nearby, existing benchmarks.
                    Supplemental_Information:
                             ACCOMPANYING DIGITAL FILES
                             GRIFFIN RANCH.GEN , CORPSMET95 FILE GRIFFIN RANCH.DOC , BENCHMARK RECOVERY
                             FORM
                             GRIFFIN RANCH. PDF , SCANNED COPIES OF FIELD NOTES, VERTCON CALCULATONS (IF APPLICABLE)
                             AND LEAST SQUARES ADJUSTMENT
                              GRIFFIN RANCH.PPT , POWER POINT FILES OF WELL
                             SITE PICTURES
          Time_Period_of_Content:
                    Time_Period_Information:
Survey Date
                             Range_of_Dates/Times:
                                       Beginning_Date: 20050119
                                       Ending_Date: 20050328
                    Currentness_Reference: Publication Date
          Status:
                    Progress: Complete
                    Mai ntenance_and_Update_Frequency: Unknown
          Spati al _Domai n:
                    Boundi ng_Coordi nates:
                             West_Boundi ng_Coordi nate: -080°55' 46. 64"
East_Boundi ng_Coordi nate: -080°55' 46. 37"
North_Boundi ng_Coordi nate: +27°29' 40. 45"
South_Boundi ng_Coordi nate: +27°29' 39. 80"
Project Location
          Keywords:
                    Theme:
                              Theme_Keyword_Thesaurus: None
                             Theme_Keyword: Record Survey Theme_Keyword: Well Site
                    PI ace:
                             Place_Keyword_Thesaurus: None
Place_Keyword: SFWMD WELL GRIFFIN RANCH
                             Place_Keyword: SEC. 29, TWP 34, RGE 24
                             Place_Keyword: OKEECHOBEE COUNTY FL
          Access_Constraints: None
          Use_Constraints:
                    The wells have keyed or combination locks. Dirt road to
                    well site is gated and locked. See point of contact for key
                    or combination.
          Point_of_Contact:
                    Contact_Information:
                              Contact_Person_Pri mary:
Elvie Ebanks
                                       Contact_Person: Elvie D. Ebanks
                                       Contact_Organization: South Florida Water Management District
SFWMD
                              Contact_Address:
                                       Address_Type: mailing and physical address
Address: 3301 Gun Club Road
City: West Palm Beach
                                       State_or_Province: Florida
                                       Postal_Code: 33406
```

Page 1

Country: USA

GRIFFIN RANCH. met

Contact\_Voice\_Telephone: (561) 753-2400, Ext. 4717 Contact\_Electronic\_Mail\_Address: eebanks@sfwmd.gov Hours\_of\_Service: 8:00 am to 5:00 pm EST

Data\_Quality\_Information:

### **Equipment Used**

The horizontal location of the wells and benchmark was performed using differentially corrected TRIMBLE GPS
PATHFINDER PRO XR reciever. The vertical data was
collected using a LEICA NA3003 electronic digital level.
Coordinates are based on the Florida State Plane Coordinate System, East Zone, NAD 83/99. Elevations are based on NAVD 88.

Logical\_Consistency\_Report:
 Horizontal data was established using differentially corrected GPS signals from U.S. Coast Guard Beacon at Vertical data was established NGS Cape Canaveral.

#### **Project Results**

control points R499 and S499.

Completeness\_Report:

Horizontal location taken at approximate center of well. Well GRIFFIN RANCH Lat. +27°29'40.45' Long. -080°55'46.64" N 1148963.98'

E 678982. 26'

Elevation taken on top of the pipe extending above well platform at the tip of a black arrow.

(NAVD 88) 69. 24'

70. 46' (NGVD 29) caculated using 1.22' offset value

based on

NGS NGVD 29 adjustment of CERP vertical network for

control points R499 and S499. 70.44' (NGVD 29) caculated using 1.20' offset value based

FDEP preliminary elevation for bechmarks R499 and S499 as shown on SFWMD online Benchmark Database.

NEW SITE BENCHMARK

GRRH5 is a standard is a standard SFWMD aluminum disk set in top of a class "C" concrete monument, flush with the ground. A magnet was set on the south side of the mark. To reach the mark from the intersection of US
Highway 441 and County Road 724, go west on County
Road 724 for 9.4 miles to a dirt road on the right with a sign
"CNC Ranch". Head north along this road for 2.2 miles to
a gated dirt Road and an archway "CNC Ranch". Go
through the gate headed east for 1.1 miles to the mark on
the left. Mark is 2.9' east of a wood power pole and

65.0' north of an east-west running barbed wire fence. Mark is set ~0.5" below ground level. Lat. +27°29'39.80" Long. -080°55'46.37"

N 1148897.95' E 679006.17'

(NAVD 88) 64. 90'

66.12' (NGVD 29) caculated using 1.22' offset value based on

NGS NGVD 29 adjustment of CERP vertical network for control points R499 and S499.

(NGVD 29) caculated using offset 1.20' value 66. 10' based

FDEP preliminary elevation for bechmark R499 and S499 as shown on SFWMD online Benchmark Database.

Positional\_Accuracy:

Horizontal

Hori zontal Posi ti onal Accuracy:

Hori zontal \_Posi ti onal \_Accuracy\_Report:

The horizontal positions of the well and benchmark LHATCH3 were established with differentially corrected GPS signals from U.S. Coast Guard Beacon at Cape Canaveral

Quanti tati ve\_Hori zontal \_Posi ti onal \_Accuracy\_Assessment: Horizontal\_Positional\_Accuracy\_Value: sub meter

Horizontal Positional Accuracy Explanation: The intended

Page 2

positional accuracy for this survey is sub meter. Verti cal \_Posi ti onal \_Accuracy:

#### **Level Line**

Vertical\_Positional\_Accuracy\_Report:

A level line was run originating on NGS benchmark R499 with an NAVD 88 elevation and running through new site benchmark GRRH5 and terminating on NGS benchmark S499 in accordance with Florida Minimum Technical

Standards (Chapter 61G17-6). The well platform was then elevated by a level line originating on new site benchmark GRRH5 with an newly established NAVD 88 elevation running through well platform and terminating on new site

benchmark GRRH5 in accordance with Florida Minimum

Technical Standards (Chapter 61G17-6).

Quanti tati ve\_Verti cal \_Posi ti onal \_Accuracy\_Assessment:

Vertical\_Positional\_Accuracy\_Value: 0.000 ft Vertical\_Positional\_Accuracy\_Explanation: NAVD 88 level run, 0.000

ft closure in 141.0 ft, max. allowed 0.005 ft (MTS)

Li neage:

Process\_Step:

Process\_Description:

The horizontal work was performed using a Trimble GPS Pathfinder Pro XR reciever using U.S. Coast Guard beacon at Cape Canaveral. The Level Line was performed

using a Leica NA3003 electronic digital level.

Process\_Date: 20050422

Metadata\_Reference\_Information:

Metadata\_Date: 20050518

Metadata\_Contact:

Contact\_Information:

Contact\_Person\_Pri mary:

Contact\_Person: Darren Townsend

Contact\_Organization: Cooner & Associates, Inc.

Contact\_Position: Project Surveyor

Contact\_Address:

Address\_Type: mailing and physical address Address: 5670 Zip Drive

City: Fort Myers State\_or\_Province: Florida Postal\_Code: 33905

Country: USA Contact\_Voi ce\_Tel ephone: (239) 277-0722 Contact\_Facsimile\_Telephone: (239) 277-7179

Contact\_Electronic\_Mail\_Address: darrent@cooner.com

Hours\_of\_Service: 8:00 am to 5:00 pm EST Metadata\_Standard\_Name: FGDC Content Standards for Digital Geospatial Metadata Metadata\_Standard\_Version: 19980601



- COONER & ASSOCIATES, INC.
  - Date of photo: January 20, 2005
- View: Looking North at BM GRRH5



- COONER & ASSOCIATES, INC.
  - Date of photo: January 20, 2005
    - View: Looking North at well



- COONER & ASSOCIATES, INC.
  - Date of photo: January 20, 2005
- View: Looking at Elevation mark on well



- COONER & ASSOCIATES, INC.
  - Date of photo: January 20, 2005
- View: Looking at top view of BM GRRH5

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110026+00000008
                    32..01+00307810
                                         331107+00051260 52..07+0003+012
110027+00000008
                                        332107+00046771 52..07+0003+007
110028+00000009 32..01+00324370
110029+00000009 573..1-00052110 574..1+05110190 83..01+00065711 110030+00000009 32..01+00310600 331107+00046950 52..07+0003+028 110031+00000010 32..01+00307060 332107+00047417 52..07+0003+025
                                         332107+00047417
                    32..01+00307060
                                         574..1+05727860 83..01+00065664
                    573..1-00048570
110032+00000010
                                         331107+00055641 52..07+0003+036
                    32..01+00305850
110033+00000010
                                         332107+00051761 52..07+0003+021
110034+00000011 32..01+00270110
                                         574..1+06303820 83..01+00066052
110035+00000011 573..1-00012830
                                         331107+00052738 52..07+0003+003
332107+00055470 52..07+0003+014
110036+00000011 32..01+00302430
                    32..01+00307590
110037+00000012
                                         574..1+06913840 83..01+00065779
331107+00060068 52..07+0003+040
110038+00000012
                    573..1-00017990
                     32..01+00307680
110039+00000012
                                         332107+00043138 52..07+0003+035
                    32..01+00320190
110040+00000013
                                         574..1+07541720 83..01+00067472
                    573..1-00030500
110041+00000013
                                         331107+00053303 52..07+0003+054
332107+00047882 52..07+0003+001
                    32..01+00299720
110042+00000013
110043+00000014 32..01+00308470
                     573..1-00039250
                                         574..1+08149900 83..01+00068014
110044+00000014
                    32..01+00310520
                                         331107+00047325 52..07+0003+011
110045+00000014
                     32..01+00232530
                                         332107+00057754 52..07+0003+010
 110046+00000015
                                         574..1+08692960 83..01+00066971
                     573..1+00038750
 110047+00000015
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                                         331107+00039056 52..07+0003+021
110048+00000015
                                         332107+00058125 52..07+0003+019
110049+00000016 32..01+00296640
                    573..1+00032080
                                         574..1+09279570 83..01+00065065
 110050+00000016
                                         331107+00046874 52..07+0003+079
332107+00049431 52..07+0003+041
                     32..01+00306200
 110051+00000016
                     32..01+00306950
573..1+00031330
110052+00000017
110053+00000017
                                         574..1+09892720 83..01+00064809
                     32..01+00300070
                                         331107+00044770 52..07+0003+029
 110054+00000017
                     32..01+00308850
                                         332107+00047159 52..07+0003+031
 110055+00000018
                     573..1+00022560 574..1+10501630 83..01+00064570
 110056+00000018
                                         331107+00047485
                                                             52..07+0003+004
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574..1+11008150 83..01+00064154
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 110058+00000019
 110059+00000019
                     573..1-00000080
                                                             52..07+0003+003
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                                         331107+00047505
 110060+00000019
                     32..01+00249280
 110061+00000020
                                         332107+00055240 52..07+0003+001
                                         574..1+11443050 83..01+00063381
 110062+00000020
                     573..1-00063750
                                                             52..07+0003+011
                                         331107+00052177
 110063+00000020 32..01+00257770
                                         332107+00034085 52..07+0003+001
 110064+00000021 32..01+00238410
110065+00000021 573..1-00044400 574..1+11939230 83..01+00065190 110066+00000021 32..01+00204170 331107+00051106 52..07+0003+005 110067+00000022 32..01+00247830 332107+00043474 52..07+0003+007
```

GRIFFIN.raw 110068+00000022 573..1-00088050 574..1+12391230 83..01+00065953 110069+00000022 32..01+00204640 331107+00050368 52..07+0003+003 110070+00000023 32..01+00187350 332107+00050349 52..07+0003+004 574..1+12783220 83..01+00065955 110071+00000023 573..1-00070760 331107+00043094 32..01+00234720 52..07+0003+002 110072+00000023 110073+00000024 32..01+00244320 332107+00066250 52..07+0003+009 110074+00000024 573..1-00080360 574..1+13262260 83..01+00063640 32..01+00266840 331107+00047618 52..07+0003+003 110075+00000024 110076+00000025 32..01+00257050 332107+00047252 52..07+0003+001 110077+00000025 573..1-00070580 574..1+13786150 83..01+00063676 331107+00048966 52..07+0003+004 332107+00043973 52..07+0003+002 574..1+14312670 83..01+00064176 110078+00000025 32..01+00264150 32..01+00262380 573..1-00068810 110079+00000026 110080+00000026 110081+00000026 32..01+00137590 331107+00058054 52..07+0003+011 32..01+00125470 332107+00050888 52..07+0003+003 110082+00000127 110083+00000127 573..1-00056700 574..1+14575730 83..01+00064892 32..01+00225020 110084+00000127 331107+00053949 52..07+0003+009 110085+00000028 32..01+00238130 332107+00065969 52..07+0003+015 573..1-00069800 574..1+15038880 83..01+00063690 110086+00000028 331107+00047596 52..07+0003+017 332107+00048286 52..07+0003+003 110087+00000028 32.,01+00251730 110088+00000029 32..01+00248320 110089+00000029 573..1-00066390 574..1+15538940 83..01+00063621 32..01+00296500 331107+00048394 52..07+0003+004 110090+00000029 32..01+00289030 332107+00027129 52..07+0003+015 573..1-00058920 574..1+16124470 83..01+00065748 32..01+00295830 331107+00050224 52..07+0003+033 32..01+00294380 332107+00048285 52..07+0003+006 110091+00000030 110092+00000030 110093+00000030 110094+00000031 32..01+00294380 110095+00000031 573..1-00057470 574..1+16714680 83..01+00065941 110096+00000031 32..01+00298070 331107+00044219 52..07+0003+021 32..01+00277160 110097+00000032 332107+00055458 52..07+0003+005 574..1+17289910 83..01+00064818 110098+00000032 573..1-00036560 32..01+00230100 32..01+00272280 573..1-00078750 331107+00039289 52..07+0003+004 332107+00051231 52..07+0003+018 110099+00000032 110100+00000033 110101+00000033 574..1+17792290 83..01+00063623 110102+00000033 32..01+00298210 331107+00055436 52..07+0003+002 110103+00000034 32..01+00268290 332107+00047511 52..07+0003+024 110104+00000034 573..1-00048830 574..1+18358800 83..01+00064416 110105+00000034 32..01+00299880 331107+00050525 52..07+0003+006 110106+00000035 110107+00000035 32..01+00295610 573..1-00044550 332107+00046614 52..07+0003+006 574..1+18954290 83..01+00064807 32..01+00288000 110108+00000035 331107+00050465 52..07+0003+041 110109+00000036 32..01+00283630 332107+00046766 52..07+0003+008 110110+00000036 573..1-00040180 574..1+19525920 83..01+00065177 110111+00000036 32..01+00292140 331107+00049489 52..07+0003+013 110112+00000037 32..01+00298910 332107+00046253 52..07+0003+002 574..1+20116960 83..01+00065501 331107+00058190 52..07+0003+003 110113+00000037 573..1-00046950 110114+00000037 32..01+00205080 32..01+00310360 573..1-00152230 52..07+0003+005 110115+00000038 332107+00031354 110116+00000038 574..1+20632400 83..01+00068184 110117+00000038 32..01+00292960 331107+00049785 52..07+0003+006 332107+00052401 52..07+0003+012 110118+00000039 32..01+00296610 574..1+21221970 83..01+00067923 110119+00000039 573..1-00155880 331107+00044914 52..07+0003+009 332107+00056061 52..07+0003+007 110120+00000039 32..01+00292770 32..01+00305420 110121+00000040 110122+00000040 573..1-00168530 574..1+21820160 83..01+00066808 110123+00000040 32..01+00296560 331107+00045898 52..07+0003+004 110124+00000041 32..01+00309180 332107+00053481 52..07+0003+014 110125+00000041 573..1-00181150 574..1+22425900 83..01+00066050 110126+00000041 32..01+00299090 331107+00051759 52..07+0003+013 110127+00000042 32..01+00248430 332107+00048018 52..07+0003+005 574..1+22973410 83..01+00066424 331107+00050215 52..07+0003+015 573..1-00130490 110128+00000042 32..01+00289940 110129+00000042 110130+00000043 32..01+00254360 332107+00061211 52..07+0003+002 110131+00000043 573..1-00094910 574..1+23517710 83..01+00065324 110132+00000043 32..01+00304180 331107+00053381 52..07+0003+005 110133+00000044 32..01+00249990 332107+00051505 52..07+0003+011 110134+00000044 573..1-00040720 574..1+24071880 83..01+00065512

110135+00000044 110136+00000045 110137+00000045 110138+00000045 110139+00000046 110140+00000046	3201+00298990 3201+00277020 5731-00018750 3201+00290590 3201+00269630 5731+00002220 3201+00292660	GRIFFIN.raw 331107+00050590 332107+00060142 5741+24647890 331107+00050602 332107+00043576 5741+25208120 331107+00045788	5207+0003+035 5207+0003+022 8301+00064556 5207+0003+009 5207+0003+019 8301+00065259 5207+0003+002
110139+00000046	3201+00269630	332107+00043576	5207+0003+019
110140+00000046	5731+00002220	5741+25208120	8301+00065259

```
ENTERED & RUN ADD O. 18' GRIFFIN RANCH
W168.68 NEED TO EACH GUESS
110002+00000100 83..11+00064860 CORRECTED GLEV. ENTERED & RUN
110003+00000100 32..01+00187000
110003+00000100 32..01+00187800 331107+00055793 52..07+0003+006
110004+00000001 32..01+00201240 332107+00045877 52..07+0003+008
110005+00000001 573..1-00013440 574..1+00389040 83..01+00065672.852
110006+00000001 32..01+00315290 331107+00046436 52..07+0003+026
110007+00000002 32..01+00292090 332107+00051035 52..07+0003+025
110008+00000002 573..1+00009760 574..1+00996410 83..01+00065212
110009+00000002 32..01+00306050 331107+00049948 52..07+0003+028
110010+00000003 32..01+00261520 332107+00045931 52..07+0003+003
110011+00000003 573..1+00054290 574..1+01563990 83..01+00065613.793
110012+00000003 32..01+00301440 331107+00046580 52..07+0003+013
110013+00000004 32..01+00296820 332107+00048990 52..07+0003+026
110014+00000004 573..1+00058900 574..1+02162250 83..01+00065372.552
110015+00000004 32..01+00315100 331107+00049217 52..07+0003+022
110016+00000005 32..01+00302650 332107+00049047 52..07+0003+021
110017+00000005 573..1+00071350 574..1+02779990 83..01+00065389 569
110018+00000005 32..01+00295580 331107+00046766 52..07+0003+031
110019+00000006 32..01+00295990 332107+00045584 52..07+0003+008
110020+00000006 573..1+00070940 574..1+03371560 83..01+00065508.66
110021+00000006 32..01+00236390 331107+00044820 52..07+0003+017
110022+00000007 32..01+00303590 332107+00052551 52..07+0003+083.
110023+00000007 573..1+00003740 574..1+03911540 83..01+00064734
110024+00000007 32..01+00263590 331107+00053616 52..07+0003+016
110025+00000008 32..01+00302890 332107+00050137 52..07+0003+015
110026+00000008 573..1-00035560 574..1+04478010 83..01+00065082.262
110027+00000008 32..01+00307810 331107+00051260 52..07+0003+012
110028+00000009 32..01+00324370 332107+00046771 52..07+0003+007
110029+00000009 573..1-00052110 574..1+05110190 83..01+00065531.7
110030+00000009 32..01+00310600 331107+00046950 52..07+0003+028
110031 + 00000010 \ 32..01 + 00307060 \ 332107 + 00047417 \ 52..07 + 0003 + 025
110032+00000010 573..1-00048570 574..1+05727860 83..01+00065484
110033+00000010 32..01+00305850 331107+00055641 52..07+0003+036
110034+00000011 32..01+00270110 332107+00051761 52..07+0003+021
110035+00000011 573..1-00012830 574..1+06303820 83..01+00065872 66.052
110036+00000011 32..01+00302430 331107+00052738 52..07+0003+003
110037+00000012 32..01+00307590 332107+00055470 52..07+0003+014
110038+00000012 573..1-00017990 574..1+06913840 83..01+00065599.77
110039+00000012 32..01+00307680 331107+00060068 52..07+0003+040
110040+00000013 32..01+00320190 332107+00043138 52..07+0003+035
110041+00000013 573..1-00030500 574..1+07541720 83..01+00067292.
110042+00000013 32..01+00299720 331107+00053303 52..07+0003+054
110043+00000014 32..01+00308470 332107+00047882 52..07+0003+001
110044+00000014 573..1-00039250 574..1+08149900 83..01+00067834 68.01
110045+00000014 32..01+00310520 331107+00047325 52..07+0003+011
110046+00000015 32..01+00232530 332107+00057754 52..07+0003+010
110047+00000015 573..1+00038750 574..1+08692960 83..01+00066791
110048+00000015 32..01+00289970 331107+00039056 52..07+0003+021
110049 + 00000016 \ 32..01 + 00296640 \ 332107 + 00058125 \ 52..07 + 0003 + 019
110050+00000016 573..1+00032080 574..1+09279570 83..01+00064885 65.065
110051+00000016 32..01+00306200 331107+00046874 52..07+0003+079
110052+00000017 32..01+00306950 332107+00049431 52..07+0003+041
110053+00000017 573..1+00031330 574..1+09892720 83..01+00064629 . 809
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110059+00000019 573..1-00000080 574..1+11008150 83..01+00063974 64.157
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110061+00000020 32..01+00249280 332107+00055240 52..07+0003+001
110062+00000020 573..1-00063750 574..1+11443050 83..01+00063201 3.381
110063+00000020 32..01+00257770 331107+00052177 52..07+0003+011
110064+00000021 32..01+00238410 332107+00034085 52..07+0003+001
110065+00000021 573..1-00044400 574..1+11939230 83..01+00065010 65. 70 .196
110066+00000021 32..01+00204170 331107+00051106 52..07+0003+005
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110068+00000022 573..1-00088050 574..1+12391230 83..01+00065773
```

```
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110086+00000028 573..1-00069800 574..1+15038880 83..01+00063510
110087+00000028 32..01+00251730 331107+00047596 52..07+0003+017
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110089+00000029 573..1-00066390 574..1+15538940 83..01+00063441.621
110090+00000029 32..01+00296500 331107+00048394 52..07+0003+004
110091+00000030 32..01+00289030 332107+00027129 52..07+0003+015
110092+00000030 573..1-00058920 574..1+16124470 83..01+00065568.748
110093+00000030 32..01+00295830 331107+00050224 52..07+0003+033
110094 + 00000031 \ 32..01 + 00294380 \ 332107 + 00048285 \ 52..07 + 0003 + 006
110095+00000031 573..1-00057470 574..1+16714680 83..01+00065761
110096+00000031 32..01+00298070 331107+00044219 52..07+0003+021
110097+00000032 32..01+00277160 332107+00055458 52..07+0003+005
110098+00000032 573..1-00036560 574..1+17289910 83..01+00064638
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110100+00000033 32..01+00272280 332107+00051231 52..07+0003+018
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110103+00000034 32..01+00268290 332107+00047511 52..07+0003+024
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110126+00000041 32..01+00299090 331107+00051759 52..07+0003+013
110127+00000042 32..01+00248430 332107+00048018 52..07+0003+005
110128+00000042 573..1-00130490 574..1+22973410 83..01+00066244. 427
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110131+00000043 573..1-00094910 574..1+23517710 83..01+00065144 321
110132+00000043 32..01+00304180 331107+00053381 52..07+0003+005
110133+00000044 32..01+00249990 332107+00051505 52..07+0003+011
110134+00000044 573..1-00040720 574..1+24071880 83..01+00065332 .572
110135+00000044 32..01+00298990 331107+00050590 52..07+0003+035
110136+00000045 32..01+00277020 332107+00060142 52..07+0003+022
110137+00000045 573..1-00018750 574..1+24647890 83..01+00064376
110138+00000045 32..01+00290590 331107+00050602 52..07+0003+009
```

46 =65.079 ≥ .259

```
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110142+00000047 32..01+00248020 332107+00043006 52..07+0003+027
110143+00000047 573..1+00046860 574..1+25748800 83..01+00065357
110144+00000048 32..01+00301580 331107+00049221 52..07+0003+074
110145+00000048 32..01+00231750 332107+00049602 52..07+0003+017
110146+00000048 573..1+00116690 574..1+26282130 83..01+00065319
110147+00000048 32..01+00290700 331107+00047188 52..07+0003+021
110148+00000049 32..01+00214110 332107+00048342 52..07+0003+016
110149+00000049 573..1+00193270 574..1+26786940 83..01+00065204
110150+00000049 32..01+00102970 331107+00048196 52..07+0003+004
110151+00000150 32..01+00127800 332107+00042609 52..07+0003+001
110152+00000150 573..1+00168440 574..1+27017710 83..01+00065762
```

### GRIFFIN

STAR\*DNA Version 4.0.2 Copyright 2003 Starplus Software, Inc.

Input Field File : J:\2002\a020801.03\levelpak\GRIFFINRANCH\GRIFFIN.raw
Output Data File : J:\2002\a020801.03\STARNET\GRIFFIN.dat
Date Processed : 01-28-2005 10:55:44

	_					
Line	Point	Type	E	D	Sum E	Sum D Desc
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4		F	4.5877	201.2400	0.9916	389.0400
6 7		B F	4.6436 5.1035	315.2900 292.0900	0.5317	996.4200
9		r B	4.9948	306.0500	0.3317	990.4200
10		F	4.5931	261.5200	0.9334	1563.9900
12		В	4.6580	301.4400	0.5551	1303.3300
13		F	4.8990	296.8200	0.6924	2162,2500
15		В	4.9217	315.1000		
16		F	4.9047	302.6500	0.7094	2780.0000
18		В	4.6766	295.5800		
19		F	4.5584	295.9900	0.8276	3371.5700
21		В	4.4820	236.3900	0.0545	2011 5500
22		F	5.2551	303.5900	0.0545	3911.5500
24 25		B F	5.3616 5.0137	263.5900 302.8900	0.4024	4478.0300
27			5.1260	307.8100	0.4024	4478.0300
28		B F	4.6771	324.3700	0.8513	5110.2100
30		В	4.6950	310.6000	010313	3110.2100
31		F	4.7417	307.0600	0.8046	5727.8700
33		В	5.5641	305.8500		
34		F	5.1761	270.1100	1.1926	6303.8300
36		В	5.2738	302.4300		
37		· F	5.5470	307.5900	0.9194	6913.8500
39		В	6.0068	307.6800	2 6124	7541 7300
40 42		F B	4.3138 5.3303	320.1900 299.7200	2.6124	7541.7200
43		F	4.7882	308.4700	3.1545	8149.9100
45		R	4.7325	310.5200	3.1343	0145.5100
46		B F	5.7754	232.5300	2.1116	8692.9600
48		В	3.9056	289.9700		
49		F	5.8125	296.6400	0.2047	9279.5700
51		В	4.6874	306.2000		
52		F	4.9431	306.9500	-0.0510	9892.7200
54		В	4.4770	300.0700	0.2000	10501 6400
55 57		F	4.7159	308.8500	-0.2899	10501.6400
58		B F	4.7485 5.1640	241.9400 264.5800	-0.7054	11008.1600
60		В	4.7505	185.6200	-0.7034	11000.1000
61		F	5.5240	249.2800	-1.4789	11443.0600
63		В	5.2177	257.7700		
64		F	3.4085	238.4100	0.3303	11939.2400
66		В	5.1106	204.1700		
67		F	4.3474	247.8300	1.0935	12391.2400
69		В	5.0368	204.6400	1 0054	12702 2200
70 72		F	5.0349	187.3500	1.0954	12783.2300
72 73		B F	4.3094 6.6250	234.7200 244.3200	_1 2202	13262.2700
75 75		F B	4.7618	266.8400	-1.2202	T3 CUC : C1 UU
76		F	4.7252	257.0500	-1.1836	13786.1600
78		В	4.8966	264.1500	000	
79		F	4.3973	262.3800	-0.6843	14312.6900
81		В	5.8054	137.5900		
82	127	F	5.0888	125.4700	0.0323	14575.7500
				Page 1		

GRIFFIN

Line 84 85	Point 127	Type B F	E 5.3949 6.5969	D 225.0200 238.1300	Sum E 0.0000 -1.2020	Sum D 0.0000 463.1500	Desc
87 88		B F	4.7596 4.8286	251.7300 248.3200	-1.2710	963.2000	
90 91		B F	4.8394 2.7129	296.5000 289.0300	0.8555	1548.7300	
93 94		B F	5.0224 4.8285	295.8300 294.3800	1.0494	2138.9400	
96 97		B F	4.4219 5.5458	298.0700 277.1600	-0.0745	2714.1700	
99 100 102		B F	3.9289 5.1231	230.1000 272.2800 298.2100	-1.2687	3216.5500	
102 103 105		B F	5.5436 4.7511 5.0525	268.2900 299.8800	-0.4762	3783.0500	
106 108		B F B	4.6614 5.0465	295.6100 288.0000	-0.0851	4378.5400	
108 109 111		F B	4.6766 4.9489	283.6300 292.1400	0.2848	4950.1700	
112 114		F B	4.6253 5.8190	298.9100 205.0800	0.6084	5541.2200	
115 117		F B	3.1354 4.9785	310.3600 292.9600	3.2920	6056.6600	
118 120		F B	5.2401 4.4914	296.6100 292.7700	3.0304	6646.2300	
121 123		F B	5.6061 4.5898	305.4200 296.5600	1.9157	7244.4200	
124 126		F B	5.3481 5.1759	309.1800 299.0900	1.1574	7850.1600	
127 129		F B	4.8018 5.0215	248.4300 289.9400	1.5315	8397.6800	
130 132		F B	6.1211 5.3381	254.3600 304.1800	0.4319	8941.9800	
133 135		F B	5.1505 5.0590	249.9900 298.9900	0.6195	9496.1500	
136 138		F B	6.0142 5.0602	277.0200 290.5900	-0.3357	10072.1600	
139 141		F B	4.3576 4.5788	269.6300 292.6600	0.3669	10632.3800	
142 144		F B	4.3006 4.9221	248.0200 301.5800	0.6451	11173.0600	
145 147		F B	4.9602 4.7188	231.7500 290.7000	0.6070	11706.3900	
148 150		F B	4.8342 4.8196	214.1100 102.9700	0.4916	12211.2000	
151	150	F	4.2609	127.8000	1.0503	12441.9700	

Process completed with 0 errors and 0 warnings.

## STAR\*NET-LEV Version 6.0.25 Copyright 1988-2002 Starplus Software, Inc. Licensed for Use by Jeffrey C. Cooner and Associates Run Date: Fri Jan 28 2005 10:57:58

#### Summary of Files Used and Option Settings

Project Folder and Data Files

Project Name GRIFFIN

Project Folder J:\2002\A020801.03\STARNET

Data File List GRIFFIN.dat

#### Project Option Settings

STAR\*NET Run Mode

: Adjust with Error Propagation

Type of Adjustment

: Lev

Project Units

: FeetUS

Input/Output Coordinate Order : North-East

Create Coordinate File

: Yes

Instrument Standard Error Settings

Project Default Instrument

Differential Levels

: 0.010000 FeetUS / Mile

## Listing of Input Data

```
[File: J:\2002\A020801.03\STARNET\GRIFFIN.DAT]
# STAR*DNA Version 4.0.2
# Copyright 2003 Starplus Software, Inc.

# Input Field File : J:\2002\a020801.03\levelpak\GRIFFINRANCH\GRIFFIN.raw
# Date Processed : 01-28-2005 10:55:44

.Units FeetUS
.Sep -
.3D

# NAVD 88 BM ELEVATIONS
E 100 64.86 !
E 150 65.95 !

# Elevation Difference Records
# Stations Diff Dist Descriptor
```

0.03230 14576

1.05030 12442

L 100-127

L 127-150

## Summary of Unadjusted Input Observations

### Number of Entered Stations (FeetUS) = 2

Fixed Stations Elev Description

100 64.8600 150 65.9500

### Number of Differential Level Observations (FeetUS) = 2

From	To	Elev Diff	StdErr	Length
100	127	0.0323	0.0166	14576
127	150	1.0503	0.0154	12442

#### Adjustment Statistical Summary Number of Stations = 3 2 Number of Observations = Number of Unknowns = 1 Number of Redundant Obs = 1 Observation Count Sum Squares of StdRes Level Data 2 0.107 Error Factor 0.327 2 Total 0.107 0.327

The Chi-Square Test at 5.00% Level Passed Lower/Upper Bounds (0.031/2.241)

## ${\tt Adjusted \ Elevations \ and \ Error \ Propagation \ (FeetUS)}$

Station	Elev	StdDev	95%	Description
100	64.8600	0.000000	0.000000	
150	65.9500	0.000000	0.000000	
127	64.8963	0.011275	0.022099	

## Adjusted Observations and Residuals

### Adjusted Differential Level Observations (FeetUS)

From	То	Elev Diff	Residual	StdErr	StdRes
100	127	0.0363	0.0040	0.0166	0.2
127	150	1.0537	0.0034	0.0154	0.2

Elapsed Time = 00:00:00

### GRIFFIN-WELL.RAW

410025+?1			
110026+00000127			
110027+00000127	3201+00029380	331107+00056449	5207+0003+005
110028+00000201	3201+00041110	332107+00013048	5207+0003+010
110029+00000201	5731-00011740	5741+00070490	8301+00069240
110030+00000201	3201+00041030	331107+00015209	5207+0003+001
	3201+00029460		
110032+00000127	5731-00000170	5741+00140970	8301+00064900

### GRIFFIN-WELL.log

STAR\*DNA Version 4.0.2

Copyright 2003 Starplus Software, Inc.

Input Field File :  $J:\2002\a020801.03\levelpak\GRIFFINRANCH\GRIFFIN-WELL.RAW$  Output Data File :  $J:\2002\a020801.03\STARNET\GRIFFIN-WELL.dat$  Date Processed : 04-22-2005 13:23:07

Line	Point	Type	E	D	Sum E	Sum D Desc
3	127	B	5.6449	29.3800	0.0000	0.0000
4	201	F	1.3048	41.1100	4.3401	70.4900
Line	Point	Type	E	D	Sum E	Sum D Desc
6	201	B	1.5209	41.0300	0.0000	0.0000
7	127	F	5.8608	29.4600	-4.3399	70.4900

Process completed with 0 errors and 0 warnings.

STAR\*NET-LEV Version 6.0.25 Copyright 1988-2002 Starplus Software, Inc. Licensed for Use by Jeffrey C. Cooner and Associates Run Date: Fri Apr 22 2005 13:25:05

## Summary of Files Used and Option Settings

Project Folder and Data Files

Project Name GRIFFIN

Project Folder J:\2002\A020801.03\STARNET

Data File List GRIFFIN-WELL.dat

Project Option Settings

STAR\*NET Run Mode : Adjust with Error Propagation

Type of Adjustment : Lev
Project Units : FeetUS
Input/Output Coordinate Order : North-East

Create Coordinate File : Yes

Instrument Standard Error Settings

Project Default Instrument

Differential Levels : 0.010000 FeetUS / Mile

## Listing of Input Data

```
[File: J:\2002\A020801.03\STARNET\GRIFFIN-WELL.DAT]
# STAR*DNA Version 4.0.2
# Copyright 2003 Starplus Software, Inc.
# Input Field File : J:\2002\a020801.03\levelpak\GRIFFINRANCH\GRIFFIN-WELL.RAW
# Date Processed : 04-22-2005 13:23:07
.Units FeetUS
.Sep
.3D
#NAVD 88 ELEVATIONS
E 127 64.90 !
# Elevation Difference Records
# Stations
                                     Diff Dist Descriptor
L 127-201
                                     4.34010
                                               70
```

-4.33990

70

L 201-127

## Summary of Unadjusted Input Observations

Number of Entered Stations (FeetUS) = 1

Fixed Stations

Elev Description

127

64.9000

Number of Differential Level Observations (FeetUS) = 2

From	To	Elev Diff	$\mathtt{StdErr}$	Length
127	201	4.3401	0.0012	70
201	127	-4.3399	0.0012	70

## Adjustment Statistical Summary

	Number	of	Stations	=	2
	Number	of	Observations Unknowns Redundant Obs	=	2 1 1
bservation	Count	<b>.</b>	Sum Squares		Erro

Observation	Count	Sum Squares	Error
		of StdRes	Factor
Level Data	2	0.015	0.123
Total	2	0.015	0.123

The Chi-Square Test at 5.00% Level Passed Lower/Upper Bounds (0.031/2.241)

### Adjusted Elevations and Error Propagation (FeetUS)

Station	Elev	StdDev	95%	Description
127	64.9000	0.000000	0.000000	
201	69.2400	0.000814	0.001596	

## Adjusted Observations and Residuals

## Adjusted Differential Level Observations (FeetUS)

From	To	Elev Diff	Residual	StdErr	StdRes
127	201	4.3400	-0.0001	0.0012	0.1
201	127	-4.3400	-0.0001	0.0012	0.1

Elapsed Time = 00:00:01

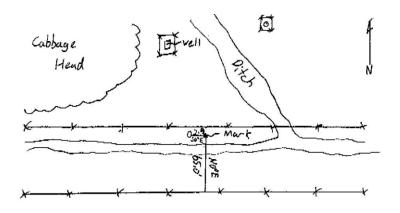


## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01

COUNTY Okeechobee	PROJECT Griffin Ranch		DESIGNATION GRRH 5	
SECTION 29 TOWNSHIP 34S		<u>3</u>	RANGE 24E	
GEOGRAPHIC INDEX OF QUAD				
Established by X Recovered	by	NAME OF QUADRANGLE		
Cooner & Associates, Inc.		Taylor Creek NW		
<b>SURVEYOR</b> RJE <b>DATE</b> 1 / 19 / 2005		FIELD BOOK 81 PAGE 14-21		
HORIZONTAL DATUM: 1927	983 Other_	(circle	e one) ZONE <b>E</b> or <b>W</b>	
VERTICAL DATUM: MSL 1929	1988 Other	(circle	e one)	
CONTROL ACCURACY: HORIZOI	NTAL 1 2 3	Sub-meter (circle	one) VERTICAL 1 2 3	
STATE PLANE COORDINATES	<b>X</b> 679006.17'	<b>Y</b> 1148897.9	5' <b>EL.</b> 64.90'	
LATITUDE 27° 29' 39.80" N		LONGITUDE	080° 55′ 46.37" W	
		DESCRIPTION	SFWMD ALUM. DISK IN CONCRETE	
To Reach:				
To reach the mark from the intersection of				
9.4 miles to a dirt road on the right with a				
Road and an archway "CNC Ranch". Go through the gate headed east for 1.1 miles to the mark on the left.				
Notable Land marks:				
Mark is 2.9' east of a wood power pole and 65.0'north of an east-west running barbed wire fence. Mark is set ~0.5" below				
ground level.				

## SKETCH





## SOUTH FLORIDA WATER MANAGEMENT DISTRICT

Rev. 4/01



**Looking North** 

DATASHEETS Page 1 of 2

From the "ngvd29.txt" file provided by NGS for the CERP Geodetic Vertical Control Project. SSN+: mark floated, SSN\*: mark constrained, SSN#: mark floated & constrained Line/Part: L26130 Mark ID SSN PID Designation **Geopotential Elevation Codes** 738 0035 AJ6105 S 499 20.0628 20,4723 739 0034 AJ6104 R 499 19.7375 20.1403

## The NGS Data Sheet

See file dsdata.pdf for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.12.1
        National Geodetic Survey, Retrieval Date = APRIL 5, 2017
AJ6104 DESIGNATION - R 499
AJ6104 PID
                      AJ6104
AJ6104 STATE/COUNTY- FL/OKEECHOBEE
AJ6104 COUNTRY - US
                  - TAYLOR CREEK NW (1972)
AJ6104 USGS QUAD
AJ6104
AJ6104
                               *CURRENT SURVEY CONTROL
AJ6104
AJ6104* NAD 83(1986) POSITION- 27 27 51.
                                            (N) 080 56 45.
                                                               (W)
                                                                     SCALED
AJ6104* NAVD 88 ORTHO HEIGHT -
                                19.769 (meters)
                                                       64.86 (feet) ADJUSTED
AJ6104
AJ6104 GEOID HEIGHT
                                 -26.361 (meters)
                                                                     GEOID12B
AJ6104 DYNAMIC HEIGHT -
                                 19.740 (meters)
                                                       64.76 (feet) COMP
AJ6104 MODELED GRAVITY -
                             979,147.6
                                         (mgal)
                                                                     NAVD 88
AJ6104
                        - SECOND
AJ6104 VERT ORDER
                                    CLASS I
AJ6104
AJ6104. The horizontal coordinates were scaled from a topographic map and have
AJ6104.an estimated accuracy of \pm 6 seconds.
AJ6104.
AJ6104. The orthometric height was determined by differential leveling and
AJ6104.adjusted by the NATIONAL GEODETIC SURVEY
AJ6104.in January 2002.
AJ6104
AJ6104. Significant digits in the geoid height do not necessarily reflect accuracy.
AJ6104.GEOID12B height accuracy estimate available here.
AJ6104
AJ6104. The dynamic height is computed by dividing the NAVD 88
AJ6104.geopotential number by the normal gravity value computed on the
AJ6104. Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AJ6104.degrees latitude (g = 980.6199 \text{ gals.}).
AJ6104. The modeled gravity was interpolated from observed gravity values.
AJ6104
AJ6104;
                           North
                                        East
                                                Units Estimated Accuracy
AJ6104; SPC FL E
                        346,840.
                                      205,350.
                                                   MT
                                                      (+/-180 \text{ meters Scaled})
AJ6104
AJ6104 U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNL053378 (NAD 83)
AJ6104
AJ6104
                                SUPERSEDED SURVEY CONTROL
AJ6104
AJ6104.No superseded survey control is available for this station.
AJ6104 MARKER: DD = SURVEY DISK
AJ6104 SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
AJ6104 STAMPING: R 499 2000
AJ6104 MARK LOGO: FLDEP
AJ6104 MAGNETIC: N = NO MAGNETIC MATERIAL
```

**DATASHEETS** Page 2 of 2

```
AJ6104 STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
AJ6104+STABILITY: SURFACE MOTION
AJ6104 SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR
AJ6104+SATELLITE: SATELLITE OBSERVATIONS - 2000
AJ6104
AJ6104 HISTORY - Date Condition
AJ6104 HISTORY - 2000 MONUMENTED
AJ6104 HISTORY - 20050119 GOOD
                                                 Report By
                                                 FLDEP
                                                  INDIV
AJ6104
                                 STATION DESCRIPTION
AJ6104
AJ6104
AJ6104'DESCRIBED BY FL DEPT OF ENV PRO 2000 (JLM)
AJ6104'THE MARK IS ABOUT 17.3 MI (27.8 KM) NORTH OF OKEECHOBEE, 12.5 MI (20.1
AJ6104'KM) SOUTHWEST OF FORT DRUM ON COUNTY ROAD 724, IN SECTION 5, TOWNSHIP
AJ6104'35 SOUTH, RANGE 34 EAST. TO REACH THE MARK FROM THE INTERSECTION OF
AJ6104'U.S. HIGHWAY 441 (PARROTT STREET) AND STATE ROAD 70 (PARK STREET) IN
AJ6104'OKEECHOBEE, GO NORTH ON U.S. HIGHWAY 441 (PARROTT STREET) FOR 14.4 MI
AJ6104'(23.2 KM) TO THE JUNCTION OF COUNTY ROAD 68 ON THE RIGHT, CONTINUE
AJ6104'NORTH ON U.S. HIGHWAY 441 FOR 1.0 MI (1.6 KM) TO THE JUNCTION OF
AJ6104'COUNTY ROAD 724 (NW 240TH STREET) ON THE LEFT, TURN LEFT ON COUNTY
AJ6104'ROAD 724 (NW 240TH STREET) AND GO WEST FOR 8.45 MI (13.60 KM) TO THE
AJ6104'MARK ON THE LEFT, SET IN THE TOP OF A ROUND CONCRETE MONUMENT FLUSH
AJ6104'WITH THE GROUND AND LEVEL WITH THE COUNTY ROAD 724. LOCATED 49.3 FT
AJ6104'(15.0 M) SOUTH OF THE CENTERLINE OF COUNTY ROAD 724, 16.5 FT (5.0 M)
AJ6104'WEST OF THE APPROXIMATE CENTERLINE OF A DRIVEWAY AND A GATE, 1.3 FT
AJ6104'(0.4 M) NORTH OF A BARBWIRE FENCE AND 1.2 FT (0.4 M) NORTH OF A
AJ6104'CARSONITE WITNESS POST.
AJ6104
AJ6104
                                 STATION RECOVERY (2005)
AJ6104
AJ6104'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2005
AJ6104'RECOVERED AS DESCRIBED. RECOVERY NOTE BY COONER AND ASSOCIATES, INC.
*** retrieval complete.
Elapsed Time = 00:00:03
```

DATASHEETS Page 1 of 2

From the "ngvd29.txt" file provided by NGS for the CERP Geodetic Vertical Control Project.

Line/Part: L26130 SSN+: mark floated, SSN\*: mark constrained, SSN#: mark floated & constrained

Mark ID SSN PID Designation Geopotential Elevation Codes

738 0035 AJ6105 S 499 20.0628 20.4723

739 0034 AJ6104 R 499 19.7375 20.1403

## The NGS Data Sheet

See file dsdata.pdf for more information about the datasheet.

```
PROGRAM = datasheet95, VERSION = 8.12.1
       National Geodetic Survey, Retrieval Date = APRIL 5, 2017
AJ6105 *****************************
AJ6105 DESIGNATION - S 499
AJ6105 PID
                 - AJ6105
AJ6105 STATE/COUNTY- FL/OKEECHOBEE
AJ6105 COUNTRY - US
AJ6105 USGS QUAD - TAYLOR CREEK NW (1972)
AJ6105
AJ6105
                               *CURRENT SURVEY CONTROL
AJ6105
AJ6105* NAD 83(1986) POSITION- 27 27 51.
                                             (N) 080 55 50.
                                                                (W)
                                                                      SCALED
AJ6105* NAVD 88 ORTHO HEIGHT -
                                 20.102 (meters)
                                                        65.95 (feet) ADJUSTED
AJ6105
AJ6105 GEOID HEIGHT
                                 -26.389 (meters)
                                                                      GEOID12B
AJ6105 DYNAMIC HEIGHT -
                                                        65.85 (feet) COMP
                                  20.072 (meters)
AJ6105 MODELED GRAVITY -
                             979,147.7
                                         (mgal)
                                                                      NAVD 88
AJ6105
AJ6105 VERT ORDER
                        - SECOND
                                     CLASS I
AJ6105
AJ6105. The horizontal coordinates were scaled from a topographic map and have
AJ6105.an estimated accuracy of \pm 6 seconds.
AJ6105.
AJ6105. The orthometric height was determined by differential leveling and
AJ6105.adjusted by the NATIONAL GEODETIC SURVEY
AJ6105.in January 2002.
AJ6105
AJ6105. Significant digits in the geoid height do not necessarily reflect accuracy.
AJ6105.GEOID12B height accuracy estimate available here.
AJ6105
AJ6105. The dynamic height is computed by dividing the NAVD 88
AJ6105.geopotential number by the normal gravity value computed on the
AJ6105. Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
AJ6105.degrees latitude (g = 980.6199 \text{ gals.}).
AJ6105. The modeled gravity was interpolated from observed gravity values.
AJ6105
AJ6105;
                           North
                                         East
                                                 Units Estimated Accuracy
AJ6105; SPC FL E
                        346,840.
                                      206,860.
                                                    MT
                                                       (+/-180 \text{ meters Scaled})
AJ6105
AJ6105 U.S. NATIONAL GRID SPATIAL ADDRESS: 17RNL068378 (NAD 83)
AJ6105
AJ6105
                                SUPERSEDED SURVEY CONTROL
AJ6105
AJ6105. No superseded survey control is available for this station.
AJ6105 MARKER: DD = SURVEY DISK
AJ6105 SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
AJ6105 STAMPING: S 499 2000
AJ6105 MARK LOGO: FLDEP
AJ6105 MAGNETIC: N = NO MAGNETIC MATERIAL
```

**DATASHEETS** Page 2 of 2

```
AJ6105 STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO
AJ6105+STABILITY: SURFACE MOTION
AJ6105 SATELLITE: THE SITE LOCATION WAS REPORTED AS NOT SUITABLE FOR
AJ6105+SATELLITE: SATELLITE OBSERVATIONS - 2000
AJ6105
AJ6105 HISTORY - Date Condition
AJ6105 HISTORY - 2000 MONUMENTED
AJ6105 HISTORY - 20050119 GOOD
                                                 Report By
                                                 FLDEP
                                                 INDIV
AJ6105
                                 STATION DESCRIPTION
AJ6105
AJ6105
AJ6105'DESCRIBED BY FL DEPT OF ENV PRO 2000 (JLM)
AJ6105'THE MARK IS ABOUT 17.2 MI (27.7 KM) NORTH OF OKEECHOBEE, 11.5 MI (18.5
AJ6105'KM) SOUTHWEST OF FORT DRUM ON COUNTY ROAD 724, IN SECTION 4, TOWNSHIP
AJ6105'35 SOUTH, RANGE 34 EAST. TO REACH THE MARK FROM THE INTERSECTION OF
AJ6105'U.S. HIGHWAY 441 (PARROTT STREET) AND STATE ROAD 70 (PARK STREET) IN
AJ6105'OKEECHOBEE, GO NORTH ON U.S. HIGHWAY 441 (PARROTT STREET) FOR 14.4 MI
AJ6105'(23.2 KM) TO THE JUNCTION OF COUNTY ROAD 68 ON THE RIGHT, CONTINUE
AJ6105'NORTH ON U.S. HIGHWAY 441 FOR 1.0 MI (1.6 KM) TO THE JUNCTION OF
AJ6105'COUNTY ROAD 724 (NW 240TH STREET) ON THE LEFT, TURN LEFT ON COUNTY
AJ6105'ROAD 724 (NW 240TH STREET) AND GO WEST FOR 7.5 MI (12.1 KM) TO THE
AJ6105'ENTRANCE GATE TO A CELL PHONE TOWER ON THE LEFT AND THE MARK ON THE
AJ6105'LEFT, SET IN THE TOP OF A ROUND CONCRETE MONUMENT FLUSH WITH THE
AJ6105'GROUND AND LEVEL WITH COUNTY ROAD 724, 0.1 MI (0.2 KM) WEST OF THE
AJ6105'TOWER. LOCATED 46.0 FT (14.0 M) SOUTH OF THE CENTERLINE OF COUNTY ROAD
AJ6105'724, 11.6 FT (3.5 M) WEST OF THE APPROXIMATE CENTERLINE OF A FIELD
AJ6105'ENTRANCE, 5.2 FT (1.6 M) WEST OF THE WEST END OF THE ENTRANCE GATE AND
AJ6105'3.3 FT (1.0 M) NORTH OF A BARBWIRE FENCE AND 2.7 FT (0.8 M) NORTH OF A
AJ6105'CARSONITE WITNESS POST.
AJ6105
                                 STATION RECOVERY (2005)
AJ6105
AJ6105
AJ6105'RECOVERY NOTE BY INDIVIDUAL CONTRIBUTORS 2005
AJ6105'RECOVERED AS DESCRIBED. RECOVERY NOTE BY COONER AND ASSOCIATES, INC
*** retrieval complete.
```

Elapsed Time = 00:00:05