

Krupa, Steven

From: Smith, Keith R.
Sent: Wednesday, May 24, 2017 1:49 PM
To: Krupa, Steven
Subject: FW: STA 5 Wells
Attachments: IMAG0558.jpg; IMAG0557.jpg; IMAG0553.jpg; IMAG0555.jpg; IMAG0554.jpg; IMAG0549.jpg; IMAG0548.jpg; IMAG0546.jpg; IMAG0547.jpg

Keith R. Smith, P.G.
Lead Hydrogeologist
Resource Evaluation Section
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(561) 682-6629
ksmith@sfwmd.gov

From: Smith, Keith R.
Sent: Thursday, May 04, 2017 7:30 AM
To: Krupa, Steven <skrupa@sfwmd.gov>; Lindstrom, Linda <llindst@sfwmd.gov>
Subject: STA 5 Wells

There are actually three wells at this location, one 2-inch well inside the 8-inch PVC casing, and two 2-inch wells inside a single 8-inch PVC casing in the enclosure (see attached photos). According to information inside the enclosure, the wells are HE-1138, HE-1139, and HE-1140. According to DBHYDRO, they are a 19-foot deep well (9-foot screen), an 80-foot deep well (10-ft screen), and a 148-foot deep well (18-ft screen). I measured HE-1138 as 21 feet deep with a depth to water of 13.7 feet (measuring point of 23.843 equals water level of 10.14, probably NGVD29). I think the two-foot total depth discrepancy is the amount the casing sticks up over land surface. I measured HE-1139 as possibly 90 feet deep; however, the well felt like it was silty towards the bottom, so I was probably dropping the tape through silt which interfered with an accurate depth reading. DTW was 12.8 ft (MP 23.872 translates into a water level of 11.07, again probably NGVD29). HE-1140 (single 2-inch well in 8-inch casing) was obstructed at 7 feet below the top of casing, so total depth and DTW were not obtained.

The fenced enclosure was not locked. The wellhead enclosure had a USGS lock on it, in which I was able to get the key inserted and turning with a lot of patience and penetrating lube, but the shackle was rusted solid and would not open, so I cut it with bolt cutters. Lots of wasps, but I was able to escape with no stings. The enclosure is currently closed and latched but not locked. It looked like the enclosure had not been opened in years. The wells are outside the locked gates to STA 5.

I also stopped by the L2 wells. L2-PW2 looks like it could use some attention, probably blast and clean and new gaskets. I could not get any of the large valves to operate. Photo attached; let me know if I should develop a SOW for this maintenance. L2-PW1 looks fine.

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From: Krupa, Steven
Sent: Monday, May 01, 2017 9:17 AM

To: Smith, Keith R. <ksmith@sfwmd.gov>
Subject: RE: Need Help To Identify a Structure

Great.

From: Smith, Keith R.
Sent: Monday, May 01, 2017 9:11 AM
To: Krupa, Steven <skrupa@sfwmd.gov>
Subject: RE: Need Help To Identify a Structure

Roger. Also, S-356 lift test has been scheduled for next Tuesday.

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From: Krupa, Steven
Sent: Monday, May 01, 2017 8:31 AM
To: Smith, Keith R. <ksmith@sfwmd.gov>
Cc: Lindstrom, Linda <llindst@sfwmd.gov>
Subject: RE: Need Help To Identify a Structure

Morning. Thanks don't forget take a GPS and a 300ft tape.

From: Smith, Keith R.
Sent: Monday, May 01, 2017 6:51 AM
To: Krupa, Steven <skrupa@sfwmd.gov>
Cc: Lindstrom, Linda <llindst@sfwmd.gov>
Subject: RE: Need Help To Identify a Structure

I have a field day scheduled for Wednesday; I should be able to zip down to STA5 to measure these wells.

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From: Krupa, Steven
Sent: Tuesday, April 25, 2017 9:33 AM
To: Smith, Keith R. <ksmith@sfwmd.gov>
Cc: Lindstrom, Linda <llindst@sfwmd.gov>
Subject: FW: Need Help To Identify a Structure

Hi,

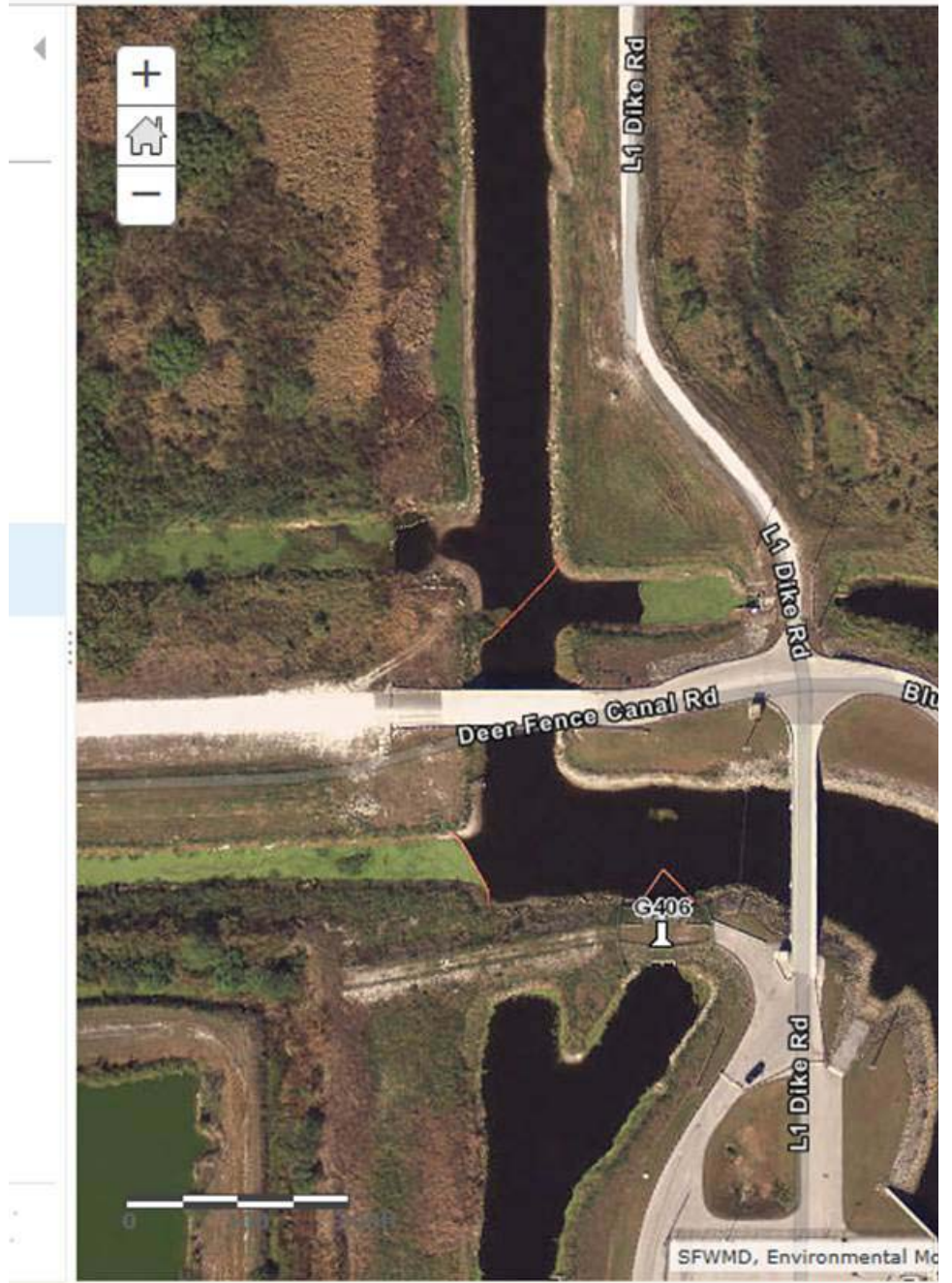
These are the wells that I was talking about Keith. Linda did some background searching on it. Attached is a the pictures I sent her. Maybe you or Linda can

stop by on the way back from MF-37 or C-43 to do a DTW, Total Depth, Diameter and coordinates. Take a USGS key with you.

Steve

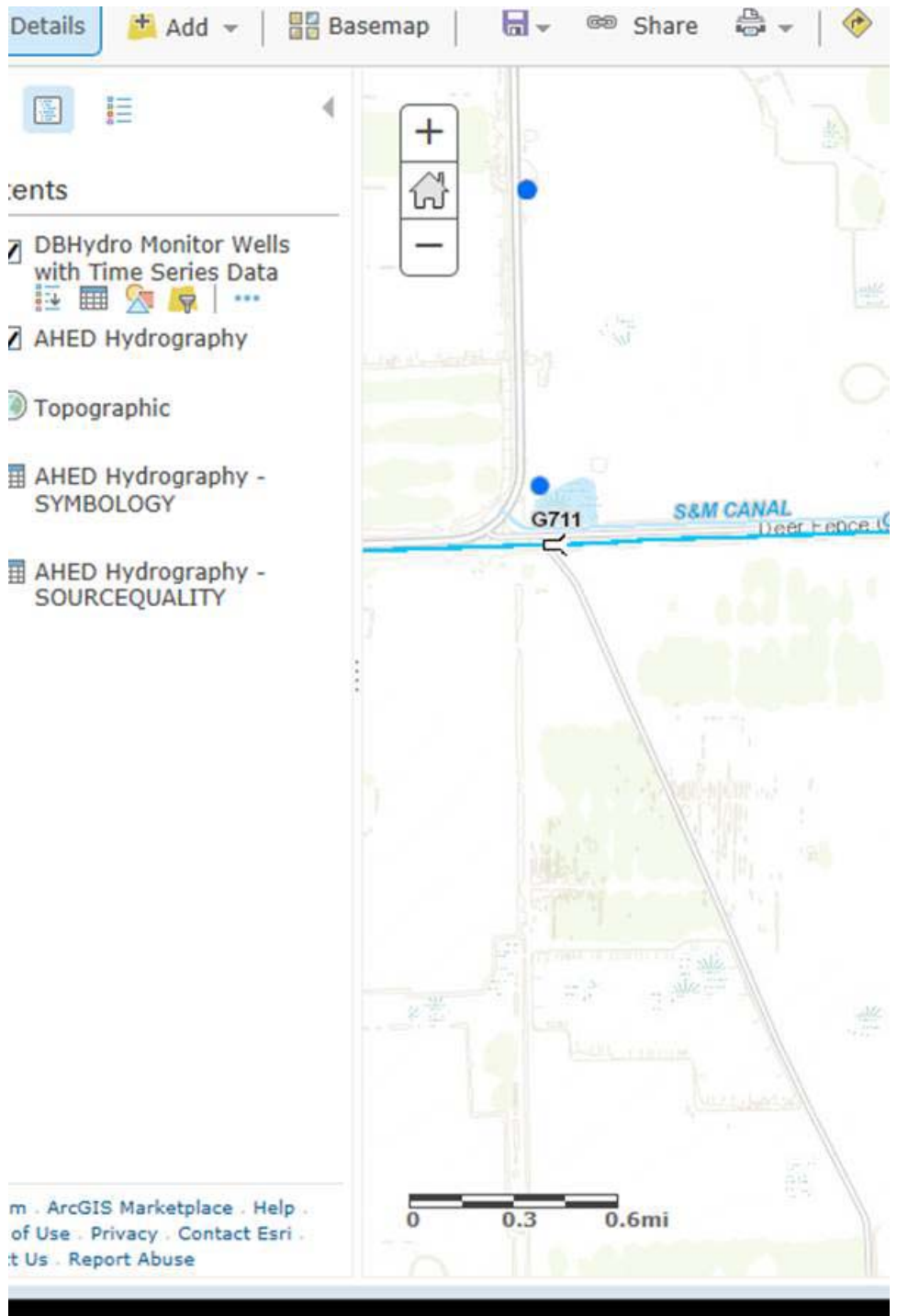
From: Lindstrom, Linda
Sent: Tuesday, April 25, 2017 8:00 AM
To: Krupa, Steven <skrupa@sfwmd.gov>
Subject: RE: Need Help To Identify a Structure

These wells don't appear to be in our database system. The nearest well is to the west near G711 (US Sugar Well)



Shaw Jonathan

Mon 2:59



Linda J. Lindstrom, P.G.

Principal Hydrogeologist
Water Supply Bureau
South Florida Water Management District
3301 Gun Club Road, MSC 4610

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lindst@sfwmd.gov

From: Krupa, Steven
Sent: Monday, April 24, 2017 4:08 PM
To: Lindstrom, Linda <lindst@sfwmd.gov>
Subject: FW: Need Help To Identify a Structure

Hey Linda,

Could you please try to find the names of these wells? Scott H said it is need G-406. Thanks.

Steve

From: Huebner, Scott
Sent: Monday, April 24, 2017 3:38 PM
To: Krupa, Steven <skrupa@sfwmd.gov>
Subject: RE: Need Help To Identify a Structure

Still G406 (just that there are more structures around that area. Also upstream canal was modified to bring water to the G508 pump station to the east of G406.

From: Krupa, Steven
Sent: Monday, April 24, 2017 3:35 PM
To: Huebner, Scott <huebner@sfwmd.gov>
Subject: RE: Need Help To Identify a Structure

Great, So what is the name today? G508 right?

From: Huebner, Scott
Sent: Monday, April 24, 2017 3:34 PM
To: Krupa, Steven <skrupa@sfwmd.gov>
Cc: Linton, Paul <plinton@sfwmd.gov>; Larson, William <wlarson@sfwmd.gov>;
Ralph, Nathan <nralph@sfwmd.gov>
Subject: RE: Need Help To Identify a Structure

Steve,
Neil got it right - G406 prior to the Compartment C work (G508 pump station, etc.). Confirmed by Nate.
Thank you guys for your help.
Scott

-----Original Message-----

From: Larson, William
Sent: Friday, April 14, 2017 1:16 PM
To: Huebner, Scott <huebner@sfwmd.gov>; Ralph, Nathan

<nralph@sfwmd.gov>; Krupa, Steven <skrupa@sfwmd.gov>

Cc: Linton, Paul <plinton@sfwmd.gov>

Subject: RE: Need Help To Identify a Structure

406 out at STA5?

-----Original Message-----

From: Huebner, Scott

Sent: Friday, April 14, 2017 9:28 AM

To: Ralph, Nathan <nralph@sfwmd.gov>; Larson, William <wlarson@sfwmd.gov>; Krupa, Steven <skrupa@sfwmd.gov>

Cc: Linton, Paul <plinton@sfwmd.gov>

Subject: FW: Need Help To Identify a Structure

Good question - have to say I'm stumped...

Nate/Neil - any guesses? (Unfortunately, Steve didn't allude to any kind of prize for the correct answer)

Thanks.

-----Original Message-----

From: Krupa, Steven

Sent: Friday, April 14, 2017 9:12 AM

To: Linton, Paul <plinton@sfwmd.gov>; Huebner, Scott <huebner@sfwmd.gov>

Subject: Need Help To Identify a Structure

Good Morning,

We are sorting some older pictures and trying to tie them to a wells. You guys know what structure this is?

Steve