

SJRWMD
HDS
2009 Station Analysis
S-0721 Mills Lake Wells

Station ID: 30362864, 4-inch diameter, 175 ft. deep SF well.

2009 Records: Random manual WLs: 01/26/2009 – 11/05/2009

History of Monitoring: Random manual WLs: 12/12/2008 – 11/05/2009

Equipment: None, this is a 4 -inch diameter well.

MP History	S-0721
12/12/2008	500.00 Assumed
10/05/2009	53.94 SE side of 4" PVC inside metal casing.

Calibration: Two manual measurements are made at the station each visit. If the manual measurements are within 0.02 of each other, the measurements are considered good.

Summary: This site was visited quarterly in 2009. There was one adjustment made to the data – noted below:

11:55:00_11/18/2009 No adjustment required
Data back to 12/12/2009 offset -446.06 per SJR Survey 10/05/2009
New MP=53.94 top of PVC in metal casing.

2009 Quality Summary

Quality	Subtotal	%	Reliable Data	Unreliable Data
2	283.00 Days	100.00	283.00 Days 100.00%	0.00 Seconds 0.00%

Historical Quality Summary

Quality	Subtotal	%	Reliable Data	Unreliable Data
2	328.00 Days	100.00	328.00 Days 100.00%	0.00 days 0.00%

Totals 328.00 Days 100.00

S-0721 trends with Geneva Replacement, 01270535 and Snow Hill, 09532142.

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
HYDROLOGIC DATA SERVICES
STATION DESCRIPTION

(S-0721) Mills Lk wells

Updated on: 3/25/2010

Description prepared by: B. Player

Station established on: 12/12/2008

Description of station: 4" PVC non-flowing monitoring well

Hydron number: 30362864

History of Location: Mills LK Park

History of Equipment: Manual water level readings quarterly.

On 3/24/2010 a 105S Shaft Encoder, typical tape, weight, and float arrangement-recording hourly data through radio and modem using radio telemetry network.

Manual WL Requirement: Electric Tape or Steel Tape & Chalk:

Ground water:

Aquifer code: UFA

Depth of well: 175ft

Depth of casing: 125ft

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT
HYDROLOGIC DATA SERVICES
STATION DESCRIPTION
S-0721 Mills Lk wells

Updated on: 12/16/2008

Description prepared by: B. Player

Station established on: 12/12/2008

Description of station: 4" PVC non-flowing monitoring well

Hydron number: 30362864

History of Location: Mills LK Park

History of Equipment: Manual water level readings quarterly.

Manual WL Requirement:

Electric Tape:

Steel Tape & Chalk:

Ground water:

Aquifer code:

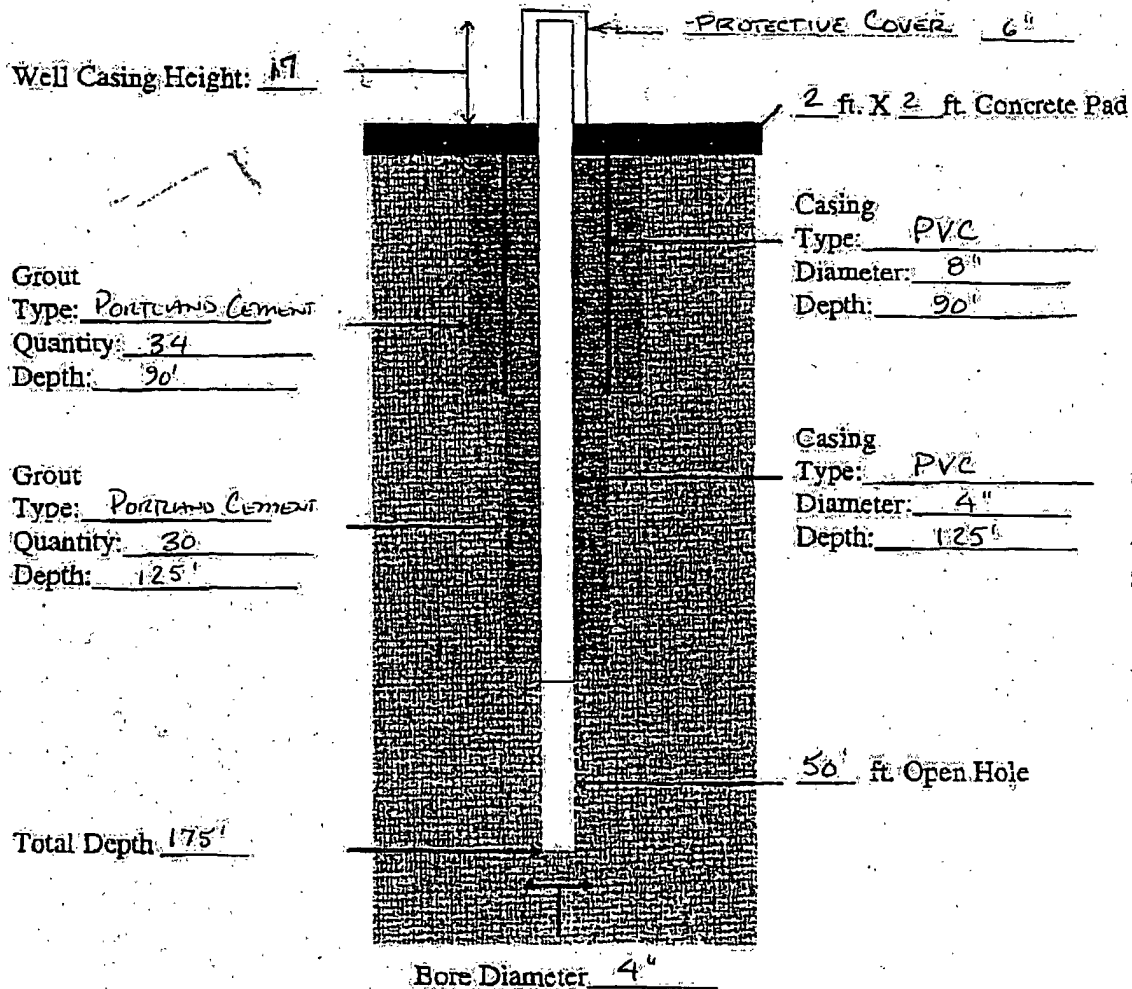
M.P. elevation: 500.00

M.P. location: TOC on 4" PVC

Depth of well: 175.0

Depth of casing: 125.0

WELL DIAGRAM



SITE NAME: MILLS LAKE

Well Completed: 7-28-08

SJRWMD

Well Number: S-0721

Not To Scale

WELL COMPLETION REPORT (Please complete in black ink or type.)
 Permit # S-0721 DID # _____

 permit is for multiple wells indicate the number of wells drilled _____
 indicate remaining wells to be cancelled _____

WATER WELL CONTRACTOR'S (All wells drilled need an individual completion report)

 SIGNATURE Robert B. Hens Jr. License # 2879

I certify that the information provided in this report is accurate and true.

Grout	No. of Bags	From (FL)	To (FL)
Veal Cement	<u>64</u>	<u>0.0</u>	<u>125.0</u>
Bentonite:			

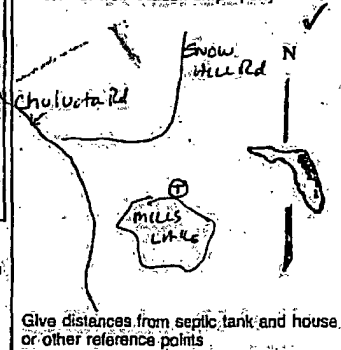
 WELL LOCATION: Site Address W. Mills Park (County) SEMINOLE

 _____ 1/4 of _____ 1/4 of Section 28 Twp. 21S Rge. 32E

 Latitude 283759 Longitude 810719

DATE STAMP

Sketch of well location on property



Give distances from septic tank and house or other reference points

Official Use Only

CHEMICAL ANALYSIS WHEN REQUIRED

pH: _____ ppm Sulfate: _____ ppm

Hardness: _____ ppm

Lab Test [] Field Test Kit

Pump Type

Centrifugal [] Jet [] Submersible [] Turbine

horsepower _____ Capacity _____ G.P.M. _____

Pump Depth _____ FL Intake Depth _____ FL

 OWNER'S NAME ST. JOHN'S RIVER WATER MNG. DIST.

 COMPLETION DATE 7-28-06 Florida Unique I.D. _____

 WELL USE: DEP/Public _____ Irrigation _____ Domestic _____ Monitor X

HRS. Limited _____ 62-524 _____ Other _____

 DRILL METHOD ☒ Rotary [] Cable Tool [] Combination

[] Jet [] Auger Other _____

Measured Static Water Level <u>20.2</u>	Measured Pumping Water Level _____	
After _____ Hours at _____ G.P.M. Measuring Pt. (Describe): _____		
Which is _____ Ft. [] Above [X] Below Land Surface		
Casing: [] Black Steel [] Galv. [X] PVC Other _____		
☒ Open Hole [] Screen	Depth (FL)	DRILL CUTTINGS LOG Examine cuttings every 20 ft. or at formation changes. Note cavities, depth to producing zones. Color Grain Size Type of Material
Casing Diameter & Depth (FL)	From To	
Diameter <u>4"</u>	<u>0.0</u>	<u>OLIVE GREY GREEN</u>
From <u>0.0</u>		<u>FINE SAND w/ SHELL</u>
To <u>125.0</u>	<u>78.0</u>	
Open Hole	<u>78.0</u>	<u>THIN MED SILTY SAND</u>
Diameter <u>4"</u>		
From <u>125.0</u>	<u>102.0</u>	
To <u>175.0</u>	<u>102.0</u>	<u>GRAY/GREEN (cemented)</u>
		<u>CLAY</u>
Liner [] or Casing []	<u>122</u>	
Diameter _____	<u>175</u>	<u>SOFT WHITE LIMESTONE</u>
From _____		
To _____		

Driller's Name:

(print or type)

EDDIE PALMER