

SJRWMD
HDS
2009 Station Analysis
V-1149 Heritage Middle School nr Lake Theresa

Station ID: 30322838, 4-inch diameter, 160 ft. deep UFA well.

2009 Records: Random manual WLs: 01/26/2009 – 12/04/2009

History of Monitoring: Random manual WLs: 12/12/2008 – 12/04/2009

Equipment: None, this is a 4 -inch diameter well established 12/12/2008.

MP History	V-1149
12/12/2008	500.00 Assumed

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 6 times in 2009. There were no adjustments or offsets made to the data.

2009 Quality Summary

Quality	Subtotal	%	Reliable Data	Unreliable Data
1	357.02 Days	100.00	357.02 Days 100.00%	0.00 Seconds 0.00%
Totals	357.02 Days	100.00		

V-1149 trends with Galaxy MS, 02591456 and Samsula N., 12713783.

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

(V-1149) Heritage MS (WL) UFA

Updated on: 12/16/2008

Description prepared by: B. Player

Updated on 02/01/2010 by: E.Housend

Station established on: 12/12/2008

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

Hydron number: 30322838

History of Equipment: Manual monthly water level reading obtained from 12/12/2008-03/09/2009. Manual quarterly water level reading obtained from 06/10/2009-01/28/2010. 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: Floridan
M.P. elevation: 500.00
M.P. location: Top of 4" PVC well casing
Depth of well: 160.0
Depth of casing: 105.0

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V-1149 Heritage MS

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: 30322838

History of Location: Heritage Middle School

History of Equipment: NA

Manual WL Requirement:

Electric Tape:

Steel Tape & Chalk:

Ground water:

Aquifer code: Floridan

M.P. elevation: 500.00

M.P. location: TOC on 4" pvc

Depth of well: 160.0

Depth of casing: 105.0

WELL COMPLETION REPORT (Please complete in black ink or type.)BPM # V-1149 CUP # DID # permit is for multiple wells indicate the number of wells drilled indicate remaining wells to be cancelled

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

SIGNATURE Robert H. H. H. License # 2899

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

Grout	No. of Bags	From (FL)	To (Ft.)
Seal Cement:	<u>51</u>	<u>0.0</u>	<u>105'</u>
Bentonite:	<u>6</u>	<u>0.0</u>	<u>105'</u>

ELL LOCATION: Site Address Hms (County) Volusia114 of 114 of Section 23 Twp. 18S Rge. 31ELatitude 285330 Longitude 811025

DATE STAMP	Sketch of well location on property

Official Use Only

EMICAL ANALYSIS WHEN REQUIRED:

r: ppm Sulfate: ppmorder: ppmLab Test ☐ Field Test Kit

np Type

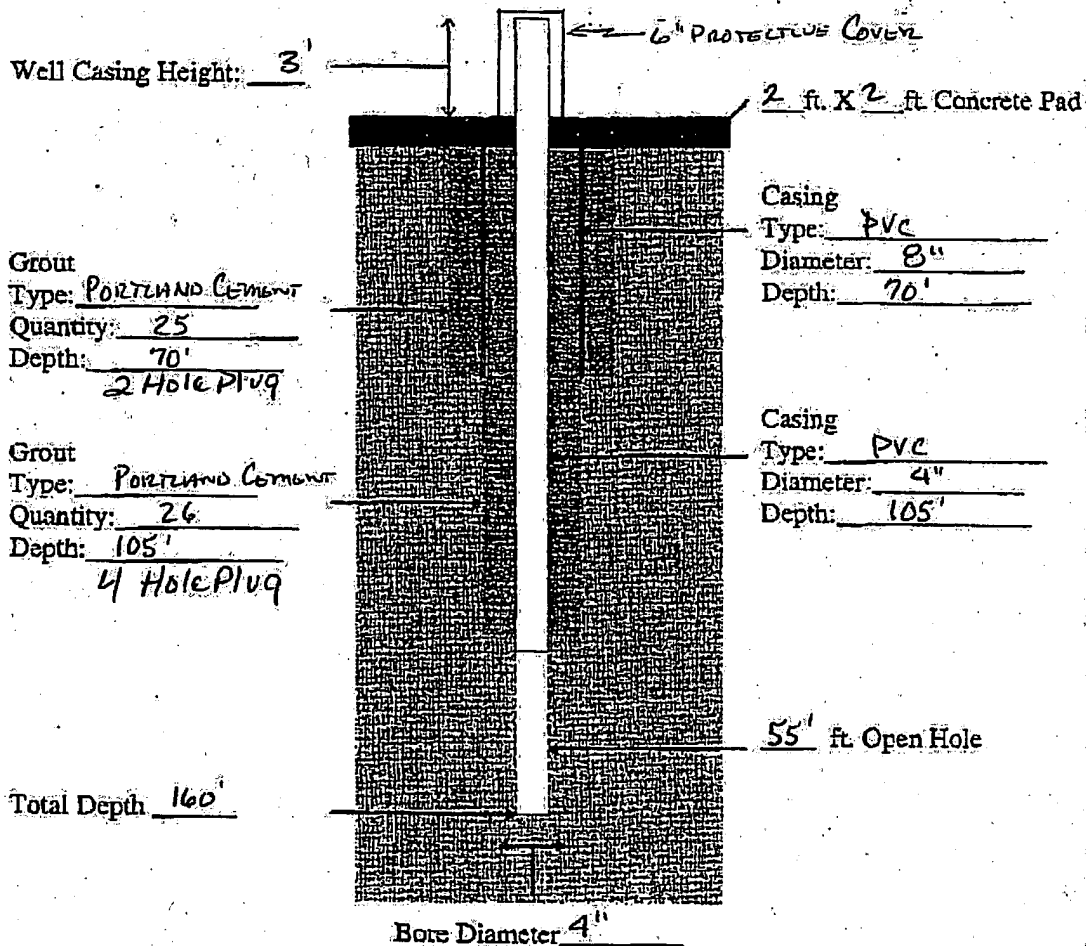
Centrifugal ☐ Jet ☐ Submersible ☐ Turbinesepower Capacity G.P.M. np Depth FL Intake Depth FLOWNER'S NAME SJR WMDCOMPLETION DATE 8-28-08 Florida Unique I.D. WELL USE: DEP/Public ☐ Irrigation ☐ Domestic ☐ Monitor ☒HRS Limited 62-524 Other DRILL METHOD ☒ Rotary ☐ Cable Tool ☐ Combination☐ Jet ☐ Auger ☐ Other

Measured Static Water Level 172.8 Measured Pumping Water Level 31.5
 After 1 Hours at 22 G.P.M. Measuring Pt. (describe): Top of Casing
 Which is 3 FL ☒ Above ☐ Below Land Surface
 Casing: ☐ Black Steel ☐ Galv. ☒ 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
	From	To	
Casing Diameter & Depth (FL)			
Diameter <u>4"</u>	<u>0.0</u>		<u>LT. BR. F.S.</u>
From <u>0.0</u>		<u>14.0</u>	
To <u>105.0'</u>	<u>14.0</u>		<u>Br. Or. CLY SAND</u>
OPEN HOLE		<u>36.0</u>	
Diameter <u>4"</u>	<u>36.0</u>		<u>LT. TAN. F. SAND</u>
From <u>105.0'</u>		<u>62.0</u>	
To <u>160.0'</u>	<u>62.0</u>		<u>LT. TAN. SAND & L.S.</u>
		<u>70.0</u>	
Liner [☐] or Casing [☐]	<u>70.0</u>		<u>CR. WEA. L.S. & SI CLAY</u>
Diameter <u> </u>		<u>105.0</u>	
From <u> </u>	<u>105.0</u>		<u>CR. WEA. L.S.</u>
To <u> </u>		<u>160.0</u>	

Driller's Name:
(print or type)KEVIN REFFUSE

WELL DIAGRAM



SITE NAME: HERITAGE MIDDLE SCHOOL

SJRWMD

Well Completed: 8-28-08

Well Number: V-1149

Not To Scale