

Site Name **S65AMW**  
 Station Names OSF-104U, OSF-104M, OSF-104L  
 Aquifers Upper Floridan, Avon Park Permeable Zone, Lower Floridan  
 FDEP Identifier Unknown  
 Date of this summary 6/29/2017

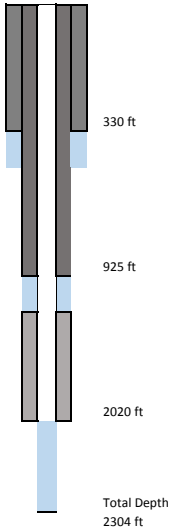
Lat / Long: 273934.744 / 810757.825  
 County: Osceola  
 Wellhead Repair Date: Unknown

Land Surface elevation

OSF-104U Monitor Zone  
 330-550 ft bls

OSF-104M Monitor Zone  
 925-1222 ft bls

OSF-104L Monitor Zone  
 2020-2304 ft bls



Date of photo: 5/15/2007

Survey data: September 4, 2008  
 Reference elevations: OSF-104U (GW5) 57.23 ft NGVD 29, OSF-104M (GW6) 57.46 ft NGVD 29 and OSF-104L (GW7) 57.37 ft NGVD 29  
 Data adjustment: subtract 1.18 ft to convert to NAVD 88  
 Borehole Volumes: OSF-104U 4039 gallons  
 OSF-104M 6005 gallons  
 OSF-104L 1501 gallons  
 References: AECOM, 2008. Hydrogeologic Investigation of the Floridan Aquifer System S-65A Site  
 Osceola County Florida (OSF-104 & OSF-105). 52p  
 SFWMD survey 2008

OSF-104U Monitor Zone		
Casing Material:	Steel	OSF-104U,10/8/2014
Diameter:	18-inch	
Data Range:	2009-2014	
Sampling Events Analyzed:	3	
Water Type:	Ca-Mg-Na-HCO3-Cl	
Field Parameter Averages OSF-104U		
Field pH:	8.2	
Specific Conductance (uS/cm)	457	
Temperature (Celcius)	24.43	
TDS (mg/L)	256	
Water Level (ft NGVD 29)	45.16	
OSF-104U Ionic Ranges		
Parameter	Min (mg/L)	Max (mg/L)
Potassium (K)	1.7	2
Sodium (Na)	27.3	28.7
Calcium (Ca)	33.6	34.2
Magnesium (Mg)	16.6	17.5
Chloride (Cl)	49.9	52.8
Bicarbonate (HCO3)	132	137
Sulfate (SO4)	34.5	39.1

OSF-104M Monitor Zone		
Casing Material:	Steel	OSF-104M,10/8/2014
Diameter:	12-inch	
Data Range:	2007-2014	
Sampling Events Analyzed:	2	
Water Type:	Ca-Mg-Na-HCO3-Cl-SO4	
Field Parameter Averages OSF-104M		
Field pH:	7.85	
Specific Conductance (uS/cm)	618	
Temperature (Celcius)	25	
TDS (mg/L)	333	
Water Level (ft NGVD 29)	45.09	
OSF-104M Ionic Ranges		
Parameter	Min (mg/L)	Max (mg/L)
Potassium (K)	2.2	2.2
Sodium (Na)	36.4	38.4
Calcium (Ca)	34.6	37.3
Magnesium (Mg)	19.6	19.6
Chloride (Cl)	67.6	71.6
Bicarbonate (HCO3)	132	133
Sulfate (SO4)	50.7	56.6

OSF-104L Monitor Zone		
Casing Material:	Steel	OSF-104L,10/8/2014
Diameter:	4 inches	
Data Range:	2006-2014	
Sampling Events Analyzed:	5	
Water Type:	Na-Cl	
Field Parameter Averages OSF-104L		
Field pH:	7.44	
Specific Conductance (uS/cm)	48675	
Temperature (Celcius)	28.02	
TDS (mg/L)	32686	
Water Level (ft NGVD 29)	7.57	
OSF-104L Ionic Ranges		
Parameter	Min (mg/L)	Max (mg/L)
Potassium (K)	244	427
Sodium (Na)	6560	10890
Calcium (Ca)	404	598
Magnesium (Mg)	686	1245
Chloride (Cl)	12200	19253
Bicarbonate (HCO3)	57	140
Sulfate (SO4)	1610	2725