

Site Name **IWSD**  
 Station Names IWSD-MZ2, IWSD-MZ3, IWSD-MZ4  
 Aquifers UFA, MCU and LFA  
 FDEP Identifier Unknown  
 Date of this summary 7/12/2017

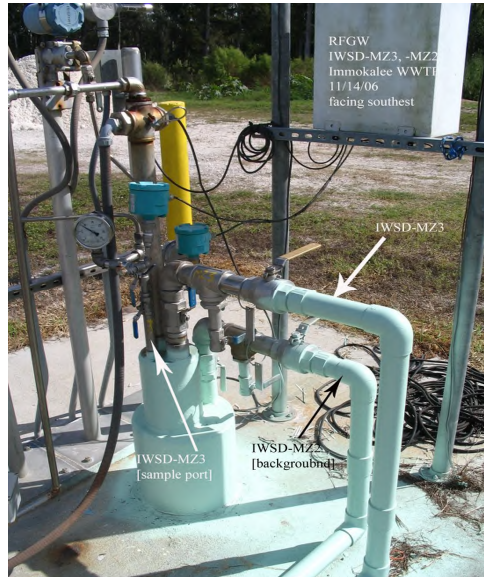
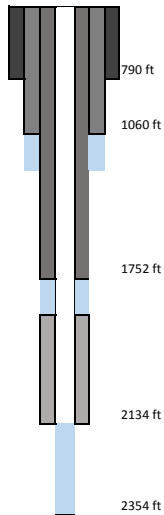
Lat / Long: 262449.5, 812552.9  
 County: Collier  
 Wellhead Repair Date: Yes - Modification  
 Date unknown

Land Surface elevation  
 31.76 ft NGVD 29

IWSD-MZ2  
 1060 - 1140 ft bls

IWSD-MZ3  
 1752 - 1880 ft bls

IWSD-MZ4  
 2134 - 2354 ft bls



Survey data: 5/9/2008 Date of photo: 2006  
 Reference elevations: MZ2 (34.194 ft), MZ3 (34.864 ft) NGVD 29 to convert to NAVD 88: -1.31 ft  
 References: Bennett, M.W., 2002.

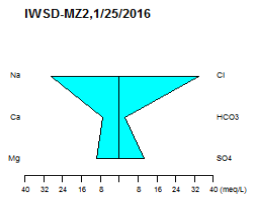
Hydrogeologic investigation of the Floridan Aquifer System  
 Immokalee Water & Sewer District Wastewater Treatment Plant  
 Collier County, Florida. Technical Publication WS-14

SFWMMD Survey 2008

IWSD-MZ2	
Casing Material:	Steel
Diameter:	12 inch
Data Range:	2004 - 2016
Sampling Events Analyzed:	15
Water Type	Na-Mg-Cl-SO4

Field Parameter Averages IWSD-MZ2	
Field pH:	7.92
Specific Conductance (uS/cm)	5101
Temperature (Celcius)	29.06
TDS (mg/L)	2892
Water Level (ft NGVD 29)	55.46

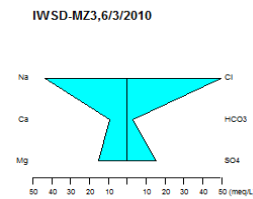
IWSD-MZ2 Ionic Ranges		
Parameter	Min (mg/L)	Max (mg/L)
Potassium (K)	24	45
Sodium (Na)	647	1260
Calcium (Ca)	110	203
Magnesium (Mg)	110	218
Chloride (Cl)	1082	2280
Bicarbonate (HCO <sub>3</sub> )	84	188
Sulfate (SO <sub>4</sub> )	460	816



IWSD-MZ3	
Casing Material:	Steel
Diameter:	7.63 inch
Data Range:	2004 - 2010
Sampling Events Analyzed:	14
Water Type	Na-Mg-Cl-SO4

Field Parameter Averages IWSD-MZ3	
Field pH:	8.2
Specific Conductance (uS/cm)	7250
Temperature (Celcius)	28.34
TDS (mg/L)	4500
Water Level (ft NGVD 29)	54.89

IWSD-MZ3 Ionic Ranges		
Parameter	Min (mg/L)	Max (mg/L)
Potassium (K)	35	43
Sodium (Na)	997	1180
Calcium (Ca)	130	190
Magnesium (Mg)	150	203
Chloride (Cl)	1700	2000
Bicarbonate (HCO <sub>3</sub> )	16	172
Sulfate (SO <sub>4</sub> )	540	880



IWSD-MZ4	
Casing Material:	Fiberglass
Diameter:	2.38 inch
Data Range:	2000 - 2007
Sampling Events Analyzed:	3
Water Type	Na-Cl

Field Parameter Averages IWSD-MZ4	
Field pH:	7.12
Specific Conductance (uS/cm)	51248
Temperature (Celcius)	28.29
TDS (mg/L)	34300
Water Level (ft NGVD 29)	no data

IWSD-MZ4 Ionic Ranges		
Parameter	Min (mg/L)	Max (mg/L)
Potassium (K)	355	480
Sodium (Na)	9700	10000
Calcium (Ca)	1300	1360
Magnesium (Mg)	1100	1100
Chloride (Cl)	17000	18100
Bicarbonate (HCO <sub>3</sub> )	99	146
Sulfate (SO <sub>4</sub> )	3900	4510

