

without data loggers, daily with data loggers) from wetland surficial aquifer monitoring wells. Data must be reported as elevation relative to North American Vertical Datum (NAVD) of 1988. Data collection shall begin 6 months before the West wellfield is put in service.

Surficial Aquifer Groundwater Monitoring Sites

Station ID	Station Name	Source	Location
591456	WL-MW-1	SA	(29.8736° N, -81.2828° W)
591457	WL-MW-2	SA	(29.9844° N, -81.5618° W)

37. Well design and specific locations for the surficial aquifer groundwater monitoring wells must be approved in writing by the District prior to construction for the following monitoring site station ID numbers/stations: WL-MW-1 (Station ID 591456) and WL-MW-2 (Station ID 591457). Surficial aquifer monitoring well depths must be at least 15 feet below the seasonal high groundwater elevation unless prohibited by subsurface geologic conditions. The groundwater monitoring wells must be installed by or under the supervision of a licensed water well contractor.

38. Within 60 days of completion of each surficial aquifer groundwater monitoring well installation, a Well Completion Report, as well as a survey certified by a professional surveyor registered in the state of Florida, shall be submitted for each monitoring well that includes:

- a. Horizontal position in latitude/longitude (degree minute second (DMS) coordinates) (YY°YY'YY.YYYY" N, XX°XX'XX.XXXX" W) relative to North American Datum (NAD) of 1983;
- b. Top of casing (TOC) vertical elevation to an accuracy of +/- 0.01 foot relative to the North American Vertical Datum (NAVD) of 1988;
- c. Land surface elevation to an accuracy of +/- 0.01 foot relative to the North American Vertical Datum (NAVD) of 1988;
- d. Top of screen depth (feet below land surface);
- e. Bottom of screen depth (feet below land surface);
- f. Depth to groundwater (feet below land surface);
- g. Total depth of well (feet below land surface);
- h. Mapped well location; and,
- i. Lithologic description of subsurface soil profiles and underlying sediments.

Attachment: TSR_Draft_Final (St. Johns County Utility Department, 1198-10)