c. GPS (latitude, longitude) and a site map location of the well.

d. Water quality testing upon completion of the well for:

Field

- Field temperature (°C)
- Field pH
- Field specific conductance (umhos/cm)
- Field turbidity (NTU)

Laboratory
Calcium (mg/L), Magnesium (mg/L), Potassium (mg/L), Sodium (mg/L), Total iron (mg/L), Chloride (mg/L), Sulfate (mg/L), Strontium (mg/L), Bicarbonate Alkalinity (as mg/L $CaCO_3$), Carbonate Alkalinity (as mg/L $CaCO_3$), Total Dissolved Solids (mg/L), Specific Conductance (umhos/cm or uS/cm)

Sample Collection
Groundwater samples must be collected in accordance with the Florida Department of Environmental Protection's (FDEP) standard operating procedures (SOP), DEP-SOP-001/01, DEP Quality Assurance Rule, 62-160, F.A.C.

The well must be purged in accordance with the appropriate procedure in DEP-SOP-001/01, as necessary to evacuate water from the well column and induce groundwater representative of the hydrogeologic formation into the well prior to sampling. Purged water must be sampled and analyzed in the field for the following parameters:

- Water Temperature (°C)
- pH (SU)
- Specific Conductance (umhos/cm or uS/cm)
- Turbidity (NTU)

Purging must be documented using the Groundwater Sampling Log form referenced in the FDEP SOP or the equivalent.

Water samples must be stored on ice immediately after collection and remain on ice until received by the laboratory. It is recommended that duplicate samples be taken to account for laboratory errors or data loss, and that the laboratory store these samples for a minimum of 60 days to ensure backup sample availability should re-analysis be required.