



Daniel J. Tipton
Staff Hydrologist



Areas of Expertise

Hydrogeology • Hydrology • Well Construction-related Oversight
• Aquifer and Well Testing • Contractor Oversight • Geophysical
Borehole Logging Well Testing • Soil/Water Quality Sampling

Education

B.S., Geology, University of South Florida, 2019

Project Experience

OVERVIEW – Mr. Daniel J. Tipton holds a Bachelor of Science in Geology from the University of South Florida and has over 4 years of educational and professional experience in geology, hydrogeology, hydrology, and environmental contamination monitoring/remediation. His experience and technical skills include well contractor oversight, collection of data in both lab and field settings, intermediate knowledge of ArcGIS, organization and processing of scientific data sets, support for water use permitting and technical report writing.

Mr. Tipton's field experience includes soil and water quality sampling, well construction oversight, aquifer performance testing, geophysical borehole logging, well construction oversight, excavation of contaminated soils and site surveying. During his academic training, he also completed several intensive field studies through the University of South Florida Geology Department involving Florida hydrogeology and coastal environments as well as geologic mapping of complex volcanic environments and 3D modeling of faults in both Idaho and Wyoming.

Construction Oversight/Data Collection for ASR and Deep Injection Well Projects for City of Tampa, City of St. Petersburg, Manatee County and more

Mr. Tipton has been involved with multiple ASR and Deep Injection Well (DIW) projects in the State of Florida as a field geologist. He served as a field lead, communicating between consultants and contractors throughout the drilling process while observing and recording hydrogeologic data collection from drill cuttings/cores, packer testing, and geophysical borehole logging. He was also responsible for keeping detailed notes and providing weekly progress summaries to project stakeholders. This

experience very early in his career starting at 19 years old while pursuing a degree in geology at the same time speaks to his work ethic while adding to his confidence as a professional and has positioned him nicely for career growth in water resources consulting.

Field Oversight/Data Collection for Petroleum Restoration Program (PRP) Sites Across the State of Florida

Mr. Tipton spent a year in the environmental contamination/reclamation industry handling field work across the State of Florida. He was tasked with collecting soil/water quality samples and overseeing monitor well installations at petroleum contaminated sites. He worked closely with senior project managers to collect and organize the data necessary for technical reports and to determine the best methods for site specific remediation.

Lake Okeechobee Watershed Restoration Project (LOWRP) Aquifer Storage and Recovery (ASR) Wells - Specialized Hydrogeologic Services (Continuous Coring)

Stantec Consulting Services, Inc. (Stantec) is currently engaged with the South Florida Water Management District (SFWMD) to provide consulting services for the "Lake Okeechobee Watershed Restoration Project" (LOWRP). Stantec has contracted with PWR to provide technical oversight services during formation well construction, continuous wireline coring and packer testing of one (1) proposed Aquifer Storage Recovery (ASR) monitor well as part of the LOWRP referred to by the SFWMD as "C38S" (Site). PWR has been assisting Stantec by observing and documenting the geologic and hydrogeologic data in the form of continuous cores samples, monitoring and collecting water quality samples for laboratory analysis, overseeing and documenting

geologic and hydrogeologic-related activities at the site, and providing observation of conversion of the completed core hole into a dual-zone monitor well. Mr. Tipton currently serves as one of PWR's on-site field geologists describing core, performing packer tests, collecting water quality samples and coordinating between well contractors and Stantec/PWR project managers.

Sarasota County Carlton Reserve Water Quality Sampling

Since joining PWR Mr. Tipton has become the field lead for WQ sampling projects and is responsible for sampling the 20 monitoring sites within the Carlton Reserve Wellfield for Sarasota County. He has demonstrated the ability to work efficiently and to a high standard with determination to complete sampling in difficult wetland environments. His communication and ability to positively interact with Sarasota County QA/QC leaders has laid the groundwork for a smooth continuation of a three-year WQ sampling contract.

Pulte Homes – Beachwalk Development - Aquifer and Well Testing – Sarasota County, Florida

Mr. Tipton provided specialized hydrogeological interpretation for a new residential development project in Englewood, Florida. In-field activities included well construction-related oversight, specific capacity tests, aquifer performance test, and geologic sampling.