



Progressive Water Resources

Integrated Water Resource Consultants

Devin R. Lemke **Hydrologist**

OVERVIEW

Ms. Devin Lemke holds a Bachelor of Science in Geology from the University of South Florida and has both academic and practical experience in geology, hydrogeology, hydrology and ecohydrology. Her experience and technical skills include a working knowledge of ArcGIS, geologic mapping and map interpretation, collection of data in both lab and field settings, organization and processing of large scientific data sets and technical report writing.

Ms. Lemke's field experience includes aquifer performance testing, water quality sampling, wellfield mapping and creation of associated inventories, well construction-related oversight, geophysical borehole logging, and wetland delineation. During her academic training, she also completed several intensive field studies through the University of South Florida involving Florida hydrogeology as well as geologic mapping of complex structural environments in both Idaho and Southern California.

RELEVANT EXPERIENCE

Water Use Permitting

Ms. Lemke has been undertaken Water Use Permit (WUP) efforts to renew and modify Agricultural WUPs in southwest Florida. These efforts have included development and submittal of regulatory application forms and creation of supporting technical documentation in order to maintain permitted quantities in technically and regulatorily challenging areas of the Southwest Florida Water Management District.

City of Venice, FL – Technical Support Services for Potable Water Well Evaluations

Progressive Water Resources (PWR) is serving as a sub-consultant for the City of Venice's specific well evaluation and testing. PWR is tasked with coordinating and overseeing the activities of the Client's Water Well Contractor and Geophysical Logging Contractor. Ms. Lemke has been assisting with overseeing well investigation activities in the field. Her duties include but are not limited to recording and documenting contractor activities, reviewing and evaluating geophysical and video logs, and documenting the evaluations of each production well based on the results of the logs, visual site inspection, the pump's electrical system and pump. Ms. Lemke will also be engaged in development of Technical Memorandum which will include a recommended course of action for each well, possible rehabilitation and/or pump and well repair if necessary.

Recovery Well Testing – Polk County Florida

Ms. Lemke helped conduct a detailed hydrogeologic interpretation for an important project in Polk County, Florida. Activities included oversight of construction activities for two large-diameter Upper Floridan recovery wells, post-construction well performance testing and detailed geophysical borehole logging. As part of the project deliverables she also created detailed vertical profiles of hydrogeologic data for presentation to the Client.