

## QA/QC of Groundwater Level Data Procedures: Procedure Q205

BSS provided technical writing and editing support to the SFWMD SCADA & Hydro Data Management Department. This document describes the Standard Operating Procedure (SOP) for performing QA/QC analyses of groundwater data. Information for the SOP was obtained by conducting interviews with District personnel and literature reviews of relevant USGS and SFWMD internal documents. During SOP development, BSS used DBHYDRO to identify common groundwater data outliers found during the QA/QC process. DBHYDRO images were incorporated into the SOP as examples. Information was also obtained from the USGS Florida Ground-Water website, as well as, from the District's SIM Maintenance Database and site registration worksheets. The responses of Surficial and Floridan groundwater wells to rainfall, water quality sampling events, sensor-related problems, and well field pumping were documented.

