

Sherry Galemore

GIS/AutoCAD Analyst

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Ms. Galemore has more than 25 years of experience utilizing AutoCad and geographic information system (GIS) tools and has been working for JSAI for 21 years. Ms. Galemore is responsible for compiling, managing, and analyzing spatial data, producing detailed maps using aerial photography, topographic maps, and landsat imagery, and design and layout of map products. Tasks include data searches, importing digitized data, editing spatial data, utilizing GPS survey data, and miscellaneous drawings related to well drilling and well testing. Ms. Galemore prepares these work products for all JSAI reports, or is in direct supervision of others preparing these products.

Water Resource Development: Data collection and map preparation in support of hydrogeologic characterization, well siting studies, evaluation of groundwater in storage for new subdivisions, and 40-Year Water Development Plans for municipalities, regions, and counties.

Model Development and Calibration: Support with the use of geographic information system (GIS) in the development of site-specific groundwater flow models to evaluate groundwater supply, support environmental permitting, and groundwater drawdown for locations around the world for analysis of site data and inclusion into reports.

Water Supply Well Projects: Aid in the development of detailed well drilling specifications (as technical support for Project Engineer) for water supply well projects, including wells completed in artesian aquifers with well depths exceeding 1,000 ft. Compile geophysical logs for interpretation and inclusion into reports.

Expert Testimony: Prepare exhibits and courtroom documents for various State of New Mexico administrative hearings including Office of the State Engineer, Oil Conservation Division, and Environment Department.

EDUCATION

B.S., Geological Sciences, 1983
New Mexico State University
Las Cruces, New Mexico

REGISTRATION

OSHA 1910.120

AFFILIATIONS

American Water Resource Association, New Mexico Section, membership chairman, 1999

New Mexico Geographic Information Council, Inc.
