James W. Sewall Company
POSITION DESCRIPTION

TITLE:	Systems Integration Analyst (GA5)	**DEPARTMENT:**	D
MANAGER:	PM - D	**EXECUTIVE:**	VP
Reports:	TBD	**STATUS:**	Full-time, exempt

STATEMENT OF PURPOSE: Helping clients, communities, and employees succeed through responsible engineering and consulting services with a broad understanding and experience in the practical applications of integrated geospatial systems and solutions for critical infrastructure management, business decision support and compliance reporting.

AREAS OF ACCOUNTABILITY:

- Demonstrates comprehensive skills, experience, and ability required in the focus area to provide analytical or technical support for assigned projects, normally with limited supervision. Perform software and database administration and end user support for applications. Lead efforts to analyze business practices and find ways to reduce inefficient and/or redundant processes. Lead effort to implement new solutions or utilize existing systems or tools to leverage technology that will increase productivity and provide the best solutions for Sewall's clients.

JOB DUTIES AND RESPONSIBILITIES:

- Participate in the development of problem solutions and project plans that support project managers in creating solutions and estimates to meet project requirements
- Execute analyst functions in support of mapping processes, such as design of conceptual, logical, and physical database models, application development, and analytics
- Execute systems consulting and integration tasks involving integrated asset management, work management, risk management, and other integrated business processes
- With PM oversight, manage smaller project tasks, demonstrating an awareness of the project status to financials in order to develop broader support capability and prepare for career advancement
- Design & develop tools for software applications. Work on multiple platforms, often with geospatial content
- Maintain & support software applications**.** Investigate issues and develop enhancements
- Co-lead the user experience/user interface design process. Together with the Project Manager, identify client needs and provide guidance to best meet client needs in the design of highly usable interfaces
- Interact with clients in technical consulting engagements. Work directly with client personnel on deployments, migrations, system integration, testing, training, and similar tasks
- Develop and implement ETL models to support client data migration
- Maintain technical documentation
- Maintain project deliverables to meet corporate and client data and content standards
- Independently and in concert with the Project Manager, balance the schedules and demands of independent and team assignments
- Act as a task lead, mentoring support staff in their roles and assignments
- Work with IT and geospatial systems support staff in maintaining project environments and databases
- Perform quality control procedures on work created by self and on work created by support team members
- Participate in or execute presentations to clients
- Create written reports and other documents to conform to company and industry standards for form and content
- Participate in industry organizations through conference presentations, continued training, and active involvement as directed and approved by the Senior Project Manager
- Execute occasional travel and off-site assignments as projects and opportunities dictate

TECHNICAL COMPETENCIES REQUIRED:

- Extensive demonstrable experience with DBA and GIS applications used by Sewall to service our clients
- Strong desktop software skills
- 3 years of relational database design and coding in Oracle or SQL Server
- Ability to develop scripts and/or applications that enhance company and client workflows
- Strong communication skills (written and oral)
- Demonstrate participation in industry professional organizations
- Ability to obtain a security clearance

KEY PERSONALITY TRAITS REQUIRED FOR SUCCESS IN THIS POSITION:

- Highly motivated
- Able to lead teams and act on recommendations or implement ideas for advancement of products and services
- Ability to guide client needs while pursuing the best interests of Sewall
- Maintains positive image and good social conduct
- Is respectful and respected
- Demonstrates integrity with actions
- Effectively communicates and presents for project success
- Ability to apply strong analytical skills to a variety of technical and business issues
- Willingness and ability to take increasing levels of responsibility for work product and efforts
- Ability to apply creativity to both solo and group objectives
- Willingness and ability to exercise judgment and define objectives
- Willingness and ability to follow through on all efforts undertaken
- Ability to thrive in a small, flexible and dynamic environment
- Ability to write papers and make presentations
- Ability to define a vision in terms of technology and personnel changes in timely advance of the need

RELATED EXPERIENCE AND/OR EDUCATION REQUIRED FOR SUCCESS IN THIS POSITION:

- BS in computer science, engineering, geology, geography, forestry or other relevant technical degree and at least 4 years' experience in projects with a significant geospatial and DBA concentration
- In lieu of degree, 8 years' relevant project experience
- Demonstrated experience in integrated GIS and/or other related applications
- Experience with programming languages preferred

PHYSICAL REQUIREMENTS OR LIMITATIONS:

- Must be able to visit a variety of locations including client offices, operations centers and undeveloped sites, work on a computer/monitor and conduct business by telephone; operate rental vehicles or use regular public transportation systems, including air or rail. Must be willing to travel up to 20% of the annual work schedule.