

# OM&M Services



## Integrated Approach to Systems Operation, Maintenance and Monitoring

Groundwater & Environmental Services, Inc. (GES) is a hands-on company, providing best value to our clients through safety, management, quality assurance, and efficiency. We conduct long-term monitoring and remediation system operation & maintenance (OM&M) at more than 500 sites in the US including operation of over 140 active remediation systems. Our OM&M program is designed to keep systems in proper working order, determine optimum system operating parameters, and provide the necessary information to make system adjustments for greater efficiency and where possible, pivot to an accelerated path to closure.

Using our effective project management system and integrated programs, GES field staff arrive on site understanding what needs to be done and are prepared to operate and evaluate systems with operational goals in mind. This approach fosters proactive consideration of alternative approaches and creative thinking to achieve our client's objectives.

Engineering evaluations and design are integrated with field services, as our technicians work closely with our engineers, to deliver a national average uptime of 98% uptime for our active remediation systems, helping to reduce our clients' environmental spend and liabilities.

Our remediation program defines how systems should be operated to maintain compliance, maximize performance, reduce project life cycle, and drive sites to closure. We have established standard operating procedures (SOPs) and engineering guidance for safe system operation, troubleshooting, and optimization. In fact, we have helped many clients develop and implement enterprise-wide integrity standards for these services. Our expertise helps clients large and small by streamlining OM&M field and engineering services, lowering costs, increasing performance, and driving sites to closure.

Unique to GES, our OM&M Center of Excellence facilitates communication across operators, technicians and engineers, share lessons learned, best practices, and resources; and develop operational efficiencies on all of the systems we operate for our clients.

### Service Capabilities

- Treatment system – Design basis evaluation
- System design and construction
- SCADA, telemetry, PLC controls
- Permitting
- Regulatory monitoring and compliance
- Process performance and cost optimization
- Performance tracking and recordkeeping
- System design peer review
- Life cycle evaluation
- Safety and compliance analysis
- Licensed operators
- Transition of operations
- Rapid response to system alarms
- Site closure strategy
- System decommissioning

### Integrated Programs

- GES OM&M Center of Excellence
- Integration of engineering, field technicians and licensed operators
- Documented uptime performance
- Cyber-secure systems with multi-factor authentication and firewalls
- Chemical safety protocols
- Operator training