

WATER QUALITY SERVICES

Environmental

Providence has established a team of water quality professionals that includes environmental/ecological modelers, professional engineers, ecologists, field technicians, environmental scientists, and environmental regulatory specialists to provide cost-effective, scientifically defensible assessments and solutions to water quality problems.

COMPLIANCE SERVICES

- Wastewater Discharge Compliance
- Manuals/Training/Compliance Evaluations
- Toxicity Reduction Evaluations (TREs)/Toxicity Identification Evaluations (TIEs)
- Sewage Sludge/Biosolids Closure Plans
- Responses to enforcement actions (e.g., compliance orders, notice of potential penalties, etc.)

ECOLOGICAL SERVICES

- Wetland Delineations
- Section 401 Water Quality Certifications
- Section 10/404 Permitting

ENGINEERING SERVICES

- Vulnerability assessment and security planning of drinking water facilities
- Waste water treatment system engineering and design
- Wastewater treatment system operation performance evaluation
- Toxicity removal technologies
- Sewer system design, mapping and integrity evaluation
- Surface drainage evaluation and design

FIELD SERVICES

- Wastewater and storm water field sampling services
- EPA 1600 Series Clean Technique procedures for trace metal monitoring
- Certified Treatment Plant Operators
- Natural Wetlands Assimilation Monitoring

PERMITTING AND REGULATORY SERVICES

- NPDES/LPDES permit application preparation
- Sewage Sludge/Biosolids permit application preparation
- Environmental assessment statements per L.R.S.30:2018
- Discharge Monitoring Report (DMR) preparation/assistance
- Storm Water Pollution Prevention Plans (SWPPPs)
- CWA 316 (b) compliance demonstrations
- Spill Prevention and Control (SPC)/Spill Prevention Control and Countermeasure (SPCC) Plans
- OPA facility response plans
- Use Attainability Analyses
- Water quality modeling and mixing zone analyses

PERMITTING AND REGULATORY SERVICES cont'd.

- Whole Effluent Toxicity/Biomonitoring Reasonable Potential Analyses
- Total Maximum Daily Loads and individual waste load allocations – technical analyses and negotiations

CLIENTS

- Inorganic and organic chemical manufacturing
- Oil and gas/exploration and production
- Petroleum refining
- Electric power
- Pipeline and transmission
- Natural gas processing
- Petrochemicals
- Pulp and paper
- Forest products
- Municipalities
- Wastewater treatment plants
- Institutional and governmental entities
- Waste management and disposal
- Private Utilities
- State Agencies
- Agricultural chemicals
- Plastics and rubber manufacturing
- Primary metals and foundries
- Parish Government



PROVIDENCE

Offices located throughout Louisiana, Texas and Mississippi

www.providenceeng.com

Providence Engineering and Environmental Group LLC