

# Hospital and Healthcare Facility Services



For decades, hospitals and healthcare facilities around the country have turned to Apex for innovative, responsive, and cost-effective water resources and environmental, and health, and safety (EHS) services. From industrial hygienists who can accurately recognize, evaluation and control exposures to chemical, physical, and biological agents; to due diligence professionals who can help you avoid, reduce, or eliminate risks and liabilities; to regulatory experts who can help you address federal, state, and local regulation applicability against your hospital needs, we can help you achieve compliance and approve your operational performance. Our broad platform of expertise in this sector includes:

## Hospitals and Healthcare Services

### Industrial Hygiene

#### *Infection Control Risk Assessment (ICRA)*

- ICRA planning
- Contractor reviews
- Dust control monitoring
- Barrier approvals
- ICRA gap assessments
- ChemoAlert assessment and surface testing
- Legionella testing and quarterly monitoring

### Building/Facility Services

#### Asbestos

- Abatement bid management
- Response planning and cost estimates
- Abatement monitoring and management
- Inspection and assessment surveys
- Sample collection and analyses
- Abatement specification preparation
- Operations and maintenance (O&M) plans
- Training

#### Exposure Assessment

- Hazardous drugs, both air and surface
- Chemical agents, including waste anesthetic and sterilizer gases
- Physical agents, including noise and radiation

### Ambient Air Permitting/Quality

- Analyses and studies
  - Air sampling, contracting and oversight
  - Ambient air sampling and monitoring programs
  - Siting studies and feasibility analyses
- Permitting
  - New source review (NSR)
  - Title V permitting and minor source documentation
- Compliance support
  - Air compliance programs and audits
  - Air emission calculations/recordkeeping
  - Agency inspection preparation and negotiation
  - Annual emission inventories
  - Greenhouse gas emissions records and reports
  - Notice of Violation (NOV) evaluation, response and resolution
- Mold management
  - Cleanup specifications and action plans
  - Proactive water intrusion/mold prevention action plans
  - Full corrective action capabilities
  - Sampling and verification
  - Moisture/mold inspections and abatement
  - 24-hour emergency response

### Decommissioning

- Hazard identification
- Hazardous waste removal
- Permitting
- Hidden hazard assessments
- Remediation

### Due Diligence/Liability

- Compliance strategies
- Interpreting regulations and potential impact on operations
- Phase I/II Environmental Site Assessments (ESAs)
- Acquisition and divestiture support
- Defensible data collection for successful negotiations
- Environmental studies to detect impact-related issues
- Solution/control technology recommendations

### Regulatory Compliance

- Storage tank support services
- Regulatory/environmental information dissemination
- Spill prevention and response planning
- Technical document review and policy development
- Litigation support
- Strategic environmental management program assistance
- Pollution prevention/energy efficiency and compliance auditing
- Pollution prevention and materials management
- Permits
- Personnel training

### Site Assessment and Remediation

- Air sparging
- Brownfield redevelopment
- Corrective action planning
- Dual-phase extraction
- Environmental forensics
- Groundwater pump and treat
- Litigation support

- Multi-media site assessments
- In-situ/ex-situ bioremediation design and construction
- O&M
- Soil vapor extraction
- Remediation life-cycle evaluation and optimization

### Stormwater

- Inspection services
- Routine maintenance
- Fee advisory services
- Plan development
- Emergency response
- Landscaping services
- Non-routine maintenance
- Permitting
- Fence installation and repair
- Monthly monitoring and DMR reporting

### Wastewater

- Capacity and flow analysis
- Compliance issue negotiations
- Permit renewals
- In-house compliance audits
- Inflow infiltration surveys
- Major permit modifications
- Five and ten year capital improvement forecasts
- Design and construct facility expansions

### Underground and Aboveground Storage Tanks (UST/AST)

- Upgrades
- UST and AST design and construction
- Removal and installations
- Subsurface remediation design
- Release investigations
- Cost reimbursements from regulatory agencies

### About Apex

Established in 1988, Apex is a national multidisciplinary consulting, engineering, and field services firm with a robust portfolio of capabilities in water resources, environmental services, health & safety, construction management, transportation, and compliance & assurance. Rated #16 as an *ENR* All-Environmental firm and #68 in the top 200 overall, we are known for our technical expertise, rapid response, operational integrity, and exceptional client satisfaction. We operate in all 50 states and maintain a highly capable and diverse team of scientists, engineers, technicians, and information management specialists. For more information, visit [www.apexc.com](http://www.apexc.com).

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