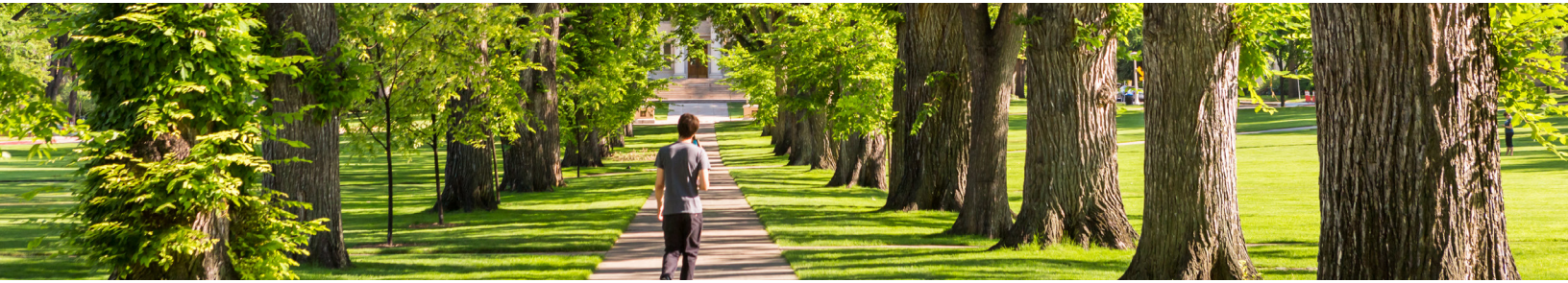


University Services



As you well know, prioritizing environmental, health, and safety on your campus reduces the likelihood of health conditions such as asthma attacks, Legionnaire's disease, or carbon monoxide poisoning; increases the efficiency of your physical plant and equipment; decreases the risk of building closures and relocations, as well as liability and litigation; helps maintain a favorable public image for your institution; lowers absenteeism; increases employee productivity; and overall creates a safe and healthy environment conducive to learning and research.

With 50 offices nationwide and three decades of technical expertise assisting universities and institutions like yours, Apex can help. We can help you identify and address your environmental challenges quickly, efficiently, and cost-effectively. Our representative services include:

Industrial Hygiene

Asbestos

- Inspection and assessment surveys
- Sample collection and analysis
- Response recommendations and cost estimates
- Operation and maintenance plans
- Abatement bid management
- Abatement specification preparation
- Abatement air monitoring and management

Indoor Air Quality

- Air sampling, data analysis, and reporting

Mold

- Microbial sampling and analyses (air, wipe, and bulk)
- Assessments and water intrusion investigations
- Moisture mapping using thermal infrared cameras and meters
- Remedial strategy design
- Mold prevention planning

Environmental Compliance

Air Quality

- Ambient air sampling and monitoring programs
- Best Available Control Technology (BACT) determinations
- Siting studies and feasibility analysis

- Annual emission inventories
- Greenhouse gas emissions records and reports
- Litigation support
- Notice of Violation (NOV) evaluation, response, and resolution
- Semi-annual Maximum Achievable Control Technology (MACT) and Title V compliance reporting
- New source review (NSR) and nonattainment NSR Title V permitting and minor source documentation
- Air compliance programs and audits
- Air emission calculations/recordkeeping
- Agency inspection preparation and negotiation

Stormwater

- Inspection services
- Routine and non-routine maintenance
- Fee advisory services
- Plan development
- Emergency response
- Landscaping services
- Permitting
- Fence installation and repair
- Permeable paver maintenance

Wastewater

- Capacity and flow analysis
- Compliance issue negotiations
- Facility expansion design and construction
- In-house compliance audits

- Inflow/infiltration surveys
- Major permit modifications
- 5 & 10 year capital improvement forecasts
- Permit renewals

Construction Services

- Upgrades
- Underground storage tank (UST) and aboveground storage tank (AST) design
- UST/AST Removal and installations
- Subsurface remediation design
- Release investigations
- Cost reimbursements from regulatory agencies

Due Diligence

- Regulatory compliance strategies
- Regulatory interpretation and impact
- Phase I/II Environmental Site Assessments (ESAs)
- Acquisition and divestiture support
- Defensible data collection for successful negotiations
- Environmental studies to detect impact-related issues
- Remedial solutions/control technologies recommendations

Site Assessment & Remediation

- Air sparging
- Brownfield redevelopment
- Corrective action planning
- Dual-phase extraction
- Emergency response
- Environmental forensics
- Groundwater pump & treat
- Litigation support
- Liability management
- Multi-media site assessments
- In-situ/ex-situ bioremediation design and construction
- Operations and maintenance
- Soil vapor extraction
- Remediation lifecycle evaluation and optimization

Representative Clients



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.apexcos.com.

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