

# Aviation Facility Support Services



## Your goal is to transport passengers and cargo from departure to destination, safely and efficiently.

Our goal is to ensure that happens while delivering the environmental compliance, engineering, and program management services you need to meet your business objectives and construction schedules.

**For over 30 years, airlines, aviation authorities, fixed-based operators (FBOs), the military, fuelers, airport developers, and A/E/C firms have turned to Apex.**

They know that we support aviation operations with a dedicated project team, a single program manager who prioritizes client goals and immediate action, a web-based management system for real-time project information and updates, and a national presence with proximity to major international hubs and general aviation (GA) facilities in remote areas.

Our clients value us as partners. Our public-private partnerships help streamline transactions, optimize infrastructure, and drive savings. Every day, we help identify, manage, and mitigate environmental and business risks, safely and effectively.

And our clients value us as experts. We know what works, what doesn't work, and what it costs. And we look forward to applying our aviation and environmental program management expertise to help streamline your next project.

### Air and Water Quality

- Air emissions planning, permitting, controls, and compliance monitoring
- Odor, indoor air quality (IAQ), and mold investigations
- Stormwater pollution prevention plans (SWPPPs) and containment
- Best management practice (BMP) installation and maintenance
- Pretreatment programs/wastewater pretreatment design, permitting, and installation
- Drinking water, wastewater, and stormwater operations and maintenance including operations permitting, sampling, and reporting
- Drain system evaluations, maintenance, upgrades, oil/water separator systems, and discharge compliance
- Infiltration/inflow analysis, closed-circuit television (CCTV), leak detection, cross-connection surveys, and backflow inspection
- Flow monitoring, sampling, and analyses
- National Pollutant Discharge Elimination System (NPDES) permitting and reporting
- Infrastructure repairs, rehabilitation, and modifications
- Sampling, analysis, data management (including GIS system design and hosting)
- Aircraft water quality studies and exposure analyses/risk assessment
- Hazardous materials/waste compliance and management
- Deicing fluids handling, storage, containment, and recycling
- Polychlorinated biphenyl (PCB) management and mitigation (construction materials, concrete/joint materials, hydraulic fluids, oils, and soils)
- Waste oils management, inventory, classification, and disposal
- Annual reporting

## Petroleum Storage Tanks

- Underground storage tank/aboveground storage tank (UST/AST) systems, hydrant fueling systems evaluations, hydrant pit upgrades and inspections, and fuel cart/fueling compliance
- Spill prevention, control, and countermeasure (SPCC) plans; secondary containment systems; contingency planning; community right-to know; and release reporting support
- Hydrant, pipeline, AST and UST system tightness testing/investigation and remediation

## Risk Management

- Expert third party review and technical evaluation
- Underwriting support
- Economic analyses
- Cost allocation historical project analyses
- Management of hazardous materials in place
- Institutional controls management and permit procedures
- Lease negotiation support (environmental and building deficiencies)
- Litigation support services, technical aviation authority/airline dispute resolution, and mediation
- Safety program development and training
- Litigation support and dispute resolution support
- Environmental reserves establishment and prioritization analyses
- Infrastructure evaluation and property condition assessments (PCAs)
- Capital improvement planning/forecasting

## Site Investigations/Assessments

- Acquisition due diligence, Phase I and II environmental site assessments (ESAs), and airport lease reviews
- Baseline environmental assessments, lease transaction due diligence, and tenant building deficiency studies
- Asbestos, mold, and lead paint investigation, abatement, and management
- Soil vapor intrusion (SVI) studies and mitigation

## Environmental Management and Remediation

- ARTEMIS<sup>SM</sup> environmental information management system (EMIS)
- Compliance auditing and inspections
- Hazardous and non-hazardous waste management systems, permitting, and reporting
- Remedial investigation (RI) and Resource Conservation and Recovery Act (RCRA) corrective action
- Soil, groundwater, and free-phase (jet fuel) modeling/theoretical analyses and risk-based corrective action
- Feasibility studies and technology selection, remediation cost estimation, and financial planning services
- Remedial design, construction, operation and maintenance (O&M) turnkey services
- Cost/benefit evaluations and energy efficiency studies

## 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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