

Spill Prevention and Response Planning



Areas of Expertise

- Spill Prevention Control & Countermeasures Plans
- Storm Water Pollution Prevention Plans
- Facility Response Plans
- Spill Prevention & Response Training, Drills, & Exercises
- Discharge Prevention Measures
- 24-Hour Emergency Spill Response
- SPCC Facility Inspections/Compliance Auditing
- STI SP001 AST Inspections & Integrity Testing
- Secondary Containment Design Engineering
- Hazardous Waste Contingency Plans
- SPCC Environmental Equivalence Demonstrations
- Oil Storage Capacity & Containment Calculations
- BMP Development & Implementation
- Waste Characterization & Disposal Planning
- Recordkeeping & Reporting
- 5-Year Reviews & Plan Amendments

AECOM has established and tailored SPCC plans to comply with applicable regulations while meeting the specific needs of our clients to maximize the usefulness and effectiveness of these plans while minimizing costly business risks associated with contamination.

Overview

Facilities that store oils in aggregate quantities greater than 1,320 gallons at any given time are required to prepare, implement, and maintain on-site a Spill Prevention Control and Countermeasures (SPCC) Plan in accordance with 40 CFR 112.

From single tanks for diesel generators to multi-million-gallon tanks at bulk oil terminals, tank farms, and refineries, AECOM has prepared and updated SPCC Plans for many types of facilities across the country. In the last few years, AECOM has successfully prepared or updated over 800 SPCC Plans for numerous clients in the power and energy sector alone. Our SPCC Plans conform to the United States Environmental Protection Agency's (USEPA's) regulations for existing and new facilities, while placing minimal burden on facility operators and management personnel.

Our Approach

We employ a standard approach in the development or update of each SPCC Plan. Our methodology is typically comprised of understanding and adhering to the client's SPCC program and procedures, determining SPCC applicability to facility operations, on-site data collection, development of appropriate containment and control strategies, and completing the SPCC Plan with a Professional Engineer's certification.

With this approach, AECOM has gained the requisite knowledge and understanding of the regulatory requirements and has developed the best methods of implementing these requirements at facilities across the nation. Additionally, AECOM has utilized standardized inspection checklists, report templates, and other tools to ensure thorough, consistent data gathering and reporting practices. The use of these tools ensures a technically-sound, consistent, and cost-effective approach to data gathering at multiple facility locations.

Key AECOM Attributes

AECOM has the fundamental goal of providing our clients with high-quality, cost effective services that meet their engineering and environmental challenges. In particular, AECOM works in conjunction with clients of SPCC-regulated facilities to develop and implement these plans, and provide any needed assistance with training and exercises. Additionally, our subject matter experts routinely assist our clients in the design and construction of spill control systems that meet applicable regulatory.

Recent SPCC Plan Clients

- Marblehead Municipal Light Department
- UAE Lowell Power, LLC
- Central Maine Power Company
- Long Island Power Authority
- Liberty Utilities Service Corp
- Essential Rising Sun LLC
- North American Energy Alliance, LLC
- Essential Power, LLC

