TECHNICAL SALES SHEET

Rapid Response Services for Freight Rail



AECOM has more than 20 years of experience with pre and post disaster planning, mitigation and response on hundreds of projects across the US and around the world.

Rapid Response Services

- Dangerous Goods Shipping
- Hazardous Waste Management
- Environmental Health and Safety Compliance
- Industrial Hygiene
- Environmental Site Assessment & Remediation
- Environmental Permitting & Compliance
- Water, Wastewater & Storm Water Management
- Information Technology & GIS
- Community Relations
- NRD Defense
- ICS Trained Staff
- Oil Spill Contingency Planning, Response and Restoration Services

AECOM has been providing rapid response services to the railroad industry for over 35 years. Our services range from simple to complex, whether consulting for a third-party perspective for remediation or supporting complex projects involving earth sciences and engineering support in concert with agency negotiations for reestablishing the environmental setting. AECOM's response to spill and emergency incidents supplement our client's response through the execution of Emergency Action Plans.

AECOM understands the priority is to clear the track and open the line. Our effective support team allows the railroad to address the emergency first and then manage the remaining environmental work responsibly. While AECOM rapid response services are not targeted at containment or cleanup of releases and spills within the first few hours of an incident, AECOM can provide these services through its partnership with a number of national and regional emergency response contractors.

AECOM has the capability to mobilize to incident locations from one of its 500 offices throughout North America. Our wide geographic coverage brings an understanding of the local agencies' sensitivities nationwide. Furthermore, our familiarity with many of our client's rail yards adds value to the support we offer. Through our local offices, AECOM possesses in-depth experience with local regulations and regulators, cleanup criteria and state-specific professional registration requirements.

Rapid Response Capabilities

AECOM has set up a network of response professionals, developed from existing AECOM offices, that covers the entire North American Freight Railroads Service Area (see back page). Each region is served by a senior AECOM technical professional. The AECOM railroad account managers and the regional professionals form the leadership team for rapid response. AECOM has developed a general activation process for incident responses, and contact information for the technical professionals is continually updated and provided to our client's safety, environmental, and hazardous materials departments. The AECOM team will confirm on-call information received and understanding of spill site conditions with regard to AECOM resources that are required to respond. In tandem with this communication within the railroad, the AECOM team and associated staff will prepare for and mobilize to the site of the incident within 6 to 24 hour of first notification.

Project Team Overview

AECOM rapid response team members are able to address a variety of potential emergency and incident response scenarios within the North America Freight Railroad Service Area. Key team members are characterized by the following:

- Emergency Response, Safety, Remediation, Restoration Experience
- Petroleum Hydrocarbon and Pipeline Release Expertise
- Ability to mobilize and respond within a 6 to 24 hour timeframe based on proximity of incident
- Depth of resources in technical disciplines necessary for ongoing long-term support
- Federal and State regulatory agency experience
- Effective management and team leadership skills for execution of expedited
- · timelines.

Key Facts

- Serving freight railroad clients for over 35 years
- Detailed, rapid-response logistical capabilities and resources
- Response time of 6 to 24 hours
- Over 6,000 planners, engineers, hydrogeologists, geologists, environmenal scientists and technicians in North America
- Primary and Secondary AECOM contacts provided by region
- 170 offices located in the Americas



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AFCOM

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Rapid Response Services for Freight Rail (continued)



Active Response Teams

- Response Teams are tailored based on:
- Client-specific operations

• Overall EAP and response plan requirements

Examples of our Commitment and Proven Track Record of Rapid Response Services for Freight Rail

• Rapid Response Services provided to Norfolk Southern (15+ years) • Rapid Response Services to CN (15+ years).

- Passenger train derailment and collision response support
- Canadian oil train disaster remediation and restoration services

• North Charleston, SC derailment (2015)

- Ligonier, IN derailment near Elkhart River (2012)
- Arcadia, PA derailment on Super Bowl Sunday (2011)
- New Florence, PA derailment on New Year's Day (2008)

