



Remediation Solutions

We've Got You Covered

RMT, Inc.

Penobscot River Sediment Remediation
Bangor, Maine



Background

Dunnett's Cove, a 10-acre area along the scenic Penobscot River, was heavily polluted with non-aqueous-phase liquid (NAPL) droplets and sheens from coal tar that migrated from river sediment to the surface. The tar, a known carcinogen, was deposited by a manufactured gas plant (MGP) that operated along the river from 1881 until 1963.

Scope of Work

Remove roughly 6000 cubic yards of contaminated sediment. A building was needed to enclose removal area on Penobscot River bank. Structure had to control odor and contaminants from escaping. Two cargo doors needed for trucks to enter and exit each end.

Solution

3-month rental for a 100' L x 92'W TFS-RV. Structure was erected on the side of the cleanup project and crane lifted into place when install was complete (Tigg Corp. provided air handling unit). Two (2) 14' x 14' cargo doors (1 each end) were installed allowing for enough clearance for truck usage. This was the first building UFS has provided for RMT and UFS provided full install and dismantle services. 24 oz. PVC coated Ferrari fabric – white with gray border was used on the building. RMT built a concrete ramp on one end so a truck could enter on one side, remove contaminant and exit other end.



“The issue of coal tar is long-standing; going back literally decades, so certainly getting this done is a major step forward. As we continue remaking our waterfront and attracting private development down there, it certainly benefits us to have this done.”

– City Manager Edward Barrett

About RMT

RMT creates energy and environmental solutions that balance our clients' business and sustainability goals. Headquartered in Madison, Wisconsin, the company has over 900 employees located in offices throughout the US. RMT has provided construction, engineering, design, and development services for over 3,800 MW of renewable energy across the US. RMT is a unit of Alliant Energy Corporation (NYSE: LNT), an energy holding company.

Visit www.rmtinc.com

About Tigg Corporation

TIGG Corporation has over 30 years of experience developing a broad range of activated carbon filters, activated carbon adsorption equipment, systems, and services for environmental remediation and the removal of trace contaminants from air, water and process liquids and gases. Tigg produces more than 60 standard modular activated carbon adsorbers which can be filled with a tailored media to meet your specifications. At TIGG, we take a much more comprehensive approach to the way we help you meet your needs. Before we sell systems, we solve environmental remediation problems. Visit www.tigg.com

About Universal Fabric Structures

Universal Fabric Structures (USA) is committed to providing high quality, cost effective, engineered fabric structure systems based on customer-driven needs. Established in 1983, the company has delivered on this commitment providing solutions for military, sport, industrial, and commercial and event applications. Projects include industrial enclosures (including rentals) for warehousing, aviation and environmental remediation.

Visit www.ufsinc.com