BakerCorp Completes Innovative Water Treatment Project at Superfund Site

Company treated more than 63 million gallons of water despite challenging circumstances

Plano, Texas (PRWEB) September 27, 2017 -- BakerCorp, a leader in water treatment technologies, recently completed its largest project to date at an EPA Superfund site on the Duwamish River in Seattle. The project included a large-scale, non-chemical treatment solution for over 63 million gallons of water.

After 100 years of industrial and urban use, the targeted section of the Superfund site (pictured) experienced nearly a dozen incidents involving sewer or storm water overflows, and it required an adaptable solution specific to the site. Acting as the project’s onsite single-source vendor, BakerCorp developed, engineered and managed a complete solution, utilizing BakerCorp treatment solutions, filtration systems, tanks, pumps and all necessary interconnects.

“We are excited to be part of the clean-up solution for the Duwamish River,” said Mehrzad Emanuel, vice president of filtration at BakerCorp. “We created an adaptable and mobile onsite solution that effectively removed contaminants from a complex water source that will result in a safe and usable river.”

Working in conjunction with the City of Seattle, Port of Seattle, King County, and a large aerospace manufacturer in the Northwest, the project was overseen by the Washington State Department of Ecology and the U.S. Environmental Protection Agency. Strict limitations on returning treated water to the river forbade the use of any chemical solutions.

“By using our EC-250 mobile electrocoagulation process, we were able to offer a treatment method that allowed for clean, clear water to be discharged back into the river without the use of any chemicals,” added Emanuel.

Despite several previous unsuccessful water treatment attempts by others, BakerCorp designed a process that could adapt to changing water conditions. Carried by an active water source, the Duwamish River contaminants and their volume varied during the project, and the team of onsite personnel adjusted the process according to the circumstances, while maintaining a steady pace for processing the water. Under such conditions, the system maintained a continuous treatment process with a flow rate up to 900 gallons per minute (GPM).

“The Duwamish River project was one of BakerCorp’s largest projects, and it was also one of the most complex,” said Emanuel. “By leveraging all of the tools and expertise available to us, we were able to find an efficient and cost-effective solution that contributed to keeping the Duwamish River a safe and beneficial resource.”

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About BakerCorp

BakerCorp is a leading liquid management solutions provider, serving customers in more than 15 industries across North American and European markets. For 75 years, BakerCorp has delivered customized rental equipment solutions designed to improve our customers’ safety, sustainability and profitability in a broad range of industries including wastewater, chemical, manufacturing, refining, construction, municipal, industrial
services and environmental remediation. The company maintains a rental fleet consisting of more than 20,000 units including temporary containment tanks, complete filtration systems, industrial pumping systems, and trench shoring equipment.

BakerCorp’s Water Treatment Technologies (“WTT”) group specializes in simple solutions to customers’ most challenging treatment needs, providing a range of filtration solutions from traditional specialty media to patented Electrocoagulation (EC) technology. BakerCorp’s EC systems are designed for adaptability to changing water conditions, allowing for job site system configuration or design customization with fixed and mobile installation systems.

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