

EXECUTIVE SUMMARY

The Wisconsin Department of Natural Resources (WDNR) proposes to dredge/remediate a portion of the Kinnickinnic River, between Becher St. and Kinnickinnic Ave., Milwaukee, Wisconsin. The Department plans to mechanically remove up to 170,000 cubic yards (cy) of contaminated sediments or approximately 1,200lbs (545 kg) of PCBs from the 2000 ft (0.6 km) long stretch of the river. The sediment proposed for removal constitutes the upstream most source of contaminated sediments to the Kinnickinnic River. The sediment will be disposed of in the existing U.S Army Corps of Engineers (USACE) administrated Johns Island confined disposal facility (CDF), located downstream from the project area. This project meets the objectives of Milwaukee Estuary Remedial Action Plan (RAP) for removing contaminated sediments within the Area of Concern (AOC) that contribute to several beneficial use impairments outlined in the Milwaukee Estuary RAP. This project will provide short- and long-term environmental and economic benefits including reduction of resuspension and transport of contaminated sediment to water column and downstream to Lake Michigan, reduction of toxicity and the risks of the contaminated sediments to aquatic life and human health, improvement of habitat for biota, fish, and wildlife; increase in recreational and commercial boating, and improved redevelopment potential in the area.

The estimated total project cost is \$8 - 12 million for capital, engineering, and administrative costs. The Milwaukee Metropolitan Sewerage District (MMSD) will provide \$4.47 million of in-kind service funding to fulfill the required 35% non-federal cost-share. In addition, the City of Milwaukee, MMSD, and private groups will continue to seek other funding mechanisms and provide in-kind services to support the project.