



## NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND TECHNOLOGY TRANSFER UPDATE

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### **NAVFAC Report on Case Studies Using Surface Weighted Average Concentration Methods at Sediment Remediation Sites**

Surface weighted average concentrations (SWACs) can be used to estimate mean contaminant concentrations over a specified area using contaminant data collected over different temporal and spatial scales. The SWAC method is used to reduce the influence of sampling bias and interpolate contaminant of concern concentrations in areas with limited sampling locations. SWAC methodologies can also be used to define remedial footprints in the Feasibility Study and evaluate remedy effectiveness. SWACs are an increasingly common approach for assessing compliance with remediation goals at contaminated sediment sites. Navy and United States Environmental Protection Agency case studies are included to highlight the use of SWACs at sediment sites.

To view the NAVFAC report, please visit:

[https://exwc.navy.mil/Portals/88/Documents/EXWC/Restoration/er\\_pdfs/s/Final%20SWAC%20Case%20Study%20Technical%20Report%20\\_5\\_2023.pdf?ver=93dNskvJwGla5\\_qHjoEXOg%3d%3d](https://exwc.navy.mil/Portals/88/Documents/EXWC/Restoration/er_pdfs/s/Final%20SWAC%20Case%20Study%20Technical%20Report%20_5_2023.pdf?ver=93dNskvJwGla5_qHjoEXOg%3d%3d)

### **Department of Defense (DoD) Strategic Environmental Research and Development Program (SERDP) and Environmental Security Technology Certification Program (ESTCP) Webinar Series**

**Transitioning from Active Remedies to Monitored Natural Attenuation (MNA).** Join SERDP and ESTCP on September 21 at 12 PM ET for a webinar on DoD-funded research efforts related to transitioning from active to passive remedies at DoD cleanup sites. Two presentations will review key considerations for MNA transition evaluations. The first talk will cover the development of a quantitative framework for predicting abiotic attenuation under natural and transitional site management scenarios. The second talk will review a web-based application to perform a site-specific transition assessment.

To register for this webinar, please visit the link below:  
<https://serdp-estcp.org/webinars>

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This email has been prepared by the NAVFAC EXWC Environmental Restoration  
Division

Visit our website and reach out to the T2 Team at:

Email: [EXWC\\_T2@navy.mil](mailto:EXWC_T2@navy.mil)

Website: <https://exwc.navfac.navy.mil/go/erb>

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### About This Email

This email supports the NAVFAC Environmental Restoration Program by providing the latest information on policy, guidance, and training related to innovative technologies. Links are provided to T2 resources and tools. Our goal is to promote the use of innovative technologies, remove barriers to implementing new technologies, and reduce cleanup costs, while remaining protective of the environment and human health.

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