This e-mail supports the NAVFAC Environmental Restoration Program with the latest information on policy, guidance, and training related to innovative technologies. Links are provided to Technology Transfer (T2) resources and tools. Our goal is to promote 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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NAVFAC Open Environmental Restoration Resource (OER2) Webinar: Rehabilitation and Maintenance of Pump and Treat Systems

One of the common themes that emerged from the Phase 1 Portfolio Optimization (P-Opt) review of the Navy’s Installation Restoration Program (IRP) sites is that the Navy has pump and treat (P&T) system infrastructure that needs to be maintained and rehabilitated for continued protection of downgradient resources. Many sites have extraction and/or reinjection wells that were installed more than 15 years ago that will either need to be redeveloped or replaced in the future in order to maintain performance. These extraction and reinjection wells require significant investments and may result in high operating costs if not constructed or maintained effectively. This webinar will provide an overview of key design aspects and maintenance practices needed to achieve optimal performance and to minimize life-cycle costs for environmental remediation wells.

Topic: Rehabilitation and Maintenance of Pump and Treat Systems
Presenters: Jennifer Segura (NAVFAC EXWC); Dr. Fred Payne and Jay Erickson (Arcadis)
Date: January 31, 2017
Time: 11:00 AM PT | 2:00 PM ET

NAVFAC OER2 Webinar: Archived Presentations from 2017 Available

Catch up on the latest developments by viewing the archived 2017 NAVFAC OER2 webinars.

Advances in Microbial Characterization for Monitored Natural Attenuation & Bioremediation (November 2017): This webinar reviewed several advances in molecular biological tools (MBTs) and other techniques for characterizing microbial populations and their role in degrading various pollutants.

Portfolio Optimization Review of the Navy’s Installation Restoration Program Sites (August 2017): This webinar summarized key findings from the Phase I P-Opt review of IRP sites. The presentation covered key themes that emerged from the review related to surface water receptors, light non-aqueous phase liquid (LNAPL) site management, emerging contaminants, matrix diffusion, and pump-and-treat system maintenance.

Dealing with Dilute Plumes (April 2017): Dilute plumes are a challenge at many impacted groundwater sites. This webinar discussed the roles of source depletion, matrix diffusion, and various natural and aggressive attenuating mechanisms in determining a suitable path forward for the plume.

Visit the OER2 web site to view recordings of past webinars: http://www.navfac.navy.mil/navfac_worldwide/specialty_centers/exwc/products_and_services/ev/erb/oer2.html

For more information, please contact EXWC_T2@navy.mil or visit our Web page at: www.navfac.navy.mil/go/erb