Technology Transfer Update

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.

Issue 205 November 10, 2021

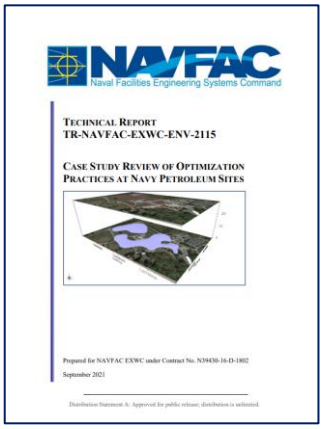
NAVFAC Open Environmental Restoration Resources (OER2) Webinar

The NAVFAC Optimization and Technology Innovation Workgroup has developed a strategy to support sites of varying complexity transition from the Remedy-in-Place (RIP) milestone to the Response Complete (RC) milestone. This OER2 webinar series will discuss the RIP/RC strategy along with other relevant policies and tools in light of the current programmatic goals, including the new Navy Environmental Restoration (ER) Program metrics for the RC milestone. Examples will be given for sites of low, moderate, and high complexity to demonstrate the relative timelines and strategies for each type of site. This webinar will be offered in two parts. The first part will focus on strategies and requirements, along with providing a Navy case study for a low complexity site. The second part will focus on Navy case studies for sites with increasing complexity.

Topic: Bridging the Gap from RIP to RC: Part 1 Strategies and Requirements
Presenters: Russell Sirabian, NAVFAC EXWC; Michael Singletary, NAVFAC Southeast; and Michael Gonzales, NAVFAC Southwest
Date: November 18, 2021
Time: 11 AM PT | 2 PM ET
Register at link below for the WebEx event:
https://battelle.webex.com/battelle/onstage/g.php?PRID=905359542cc604c93270555d0d7830d8

Case Study Review of Optimization Practices at Navy Petroleum Sites

The cleanup of petroleum contamination to levels allowing for site closure remains a significant challenge at some sites. Several optimization strategies can be applied at Department of the Navy (DON) petroleum sites with a major focus on keeping an updated conceptual site model (CSM) and understanding light non-aqueous phase liquid (LNAPL) source behavior. These optimization steps are utilized within the framework of applicable federal and state regulations for petroleum sites. This report reviews petroleum site management concepts, optimization strategies, and regulations specific to petroleum sites. A case study review was also conducted to identify specific examples where optimization concepts and best practices advocated for petroleum site management were successfully implemented at DON sites.



View the report at:
https://www.navfac.navy.mil/content/dam/navfac/Specialty%20Centers/Engineering%20and%20Expeditionary%20Warfare%20Center/Environmental/Restoration/er_pdfs/o/CASE%20STUDY%20REVIEW%20OF%20OPTIMIZATION%20PRACTICES%20AT%20NAVY%20PETROLEUM%20SITES%20SEP2021%20FINAL.pdf