



## NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND TECHNOLOGY TRANSFER UPDATE

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### NAVFAC Fact Sheet on High-Volume Sampling for Vapor Intrusion Assessments

High-volume sampling (HVS) is an innovative method to characterize the nature and extent of volatile organic compound (VOC) vapor distributions beneath large buildings. HVS can be accomplished in less time, with less risk of missing vapor sources, and at a lower cost than conventional investigation methods. The key advantages and limitations in applying HVS are reviewed and presented in this fact sheet. The fact sheet also includes case studies at Naval Air Station Corpus Christi and Naval Station Norfolk to highlight recent successful applications.

To view the NAVFAC fact sheet, please visit:

[https://exwc.navfac.navy.mil/Portals/88/Documents/EXWC/Restoration/er\\_pdfs/h/NAVFAC%20HVS\\_FactSheet\\_Final\\_6\\_27\\_23.pdf?ver=4gEX\\_BdB7Xd7XG\\_CLISj\\_g%3d%3d](https://exwc.navfac.navy.mil/Portals/88/Documents/EXWC/Restoration/er_pdfs/h/NAVFAC%20HVS_FactSheet_Final_6_27_23.pdf?ver=4gEX_BdB7Xd7XG_CLISj_g%3d%3d)

### NAVFAC Guidance on Optimizing Remediation Technologies

Under the Navy's Environmental Restoration Program (ERP), the objective of every remedial action operation is to achieve cleanup standards as cost-efficiently as practicably feasible. To ensure that marked progress is continually made toward achieving cleanup standards when utilizing active remediation, this NAVFAC guidance document presents technology-specific optimization information for 15 selected remedial technologies. For each technology, this guidance includes a description, an example performance plot, and a summary of common operational issues and corresponding optimization recommendations.

To view the NAVFAC guidance document, please visit:

[https://exwc.navfac.navy.mil/Portals/88/Documents/EXWC/Restoration/er\\_pdfs/o/NAVFAC%20EXWC-UG-2301\\_Final%20Tech%20Opt%20Report%2010\\_6\\_22\\_REV.pdf?ver=JgbMceCNM6ZwEHRPArUaNw%3d%3d](https://exwc.navfac.navy.mil/Portals/88/Documents/EXWC/Restoration/er_pdfs/o/NAVFAC%20EXWC-UG-2301_Final%20Tech%20Opt%20Report%2010_6_22_REV.pdf?ver=JgbMceCNM6ZwEHRPArUaNw%3d%3d)

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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