

What is a GAC?

Navy Closure Task Force-Red Hill will use granular activated carbon (GAC) filtration systems for water treatment purposes at the Red Hill Shaft and Navy Aiea-Halawa Shaft (NAHS) once the shafts are reactivated. GAC systems are a proven and reliable technology for water treatment used worldwide.

HIGHLIGHTS

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RED HILL

GACs are water filtration systems that use carbon rich material such as charcoal and wood. Water is pumped into the filter vessel and passes through a bed of GAC at a controlled flow rate, allowing dissolved organics, chlorine, taste-and odor-causing compounds, and certain impurities to be adsorbed (like a sponge) onto the vast internal surface of the carbon. As an added layer of protection, water pumped from the shafts will be tested as it enters and exits the GAC filtration system.



The carbon material in GACs requires routine replacement. The used carbon materials removed from the GACs are tested to determine proper disposal.

For more information about GAC systems, visit <u>https://semspub.epa.gov/work/HQ/401595.pdf</u>.

A New ER, N Red Hill Website is now Available

A new Naval Facilities Engineering Systems Command (NAVFAC) Hawaii website focused on the Environmental Restoration, Navy (ER,N) Program at Red Hill is available to the public at www.redhillern.com.

The site has information regarding the two ER,N program investigations at Red Hill, one at the Former Oily Waste Disposal Facility and one for Per- and Polyfluoroalkyl Substances (PFAS). Environmental sampling and analyses have been and are being performed at these sites. Other information includes quarterly groundwater monitoring data and the Joint Base Pearl Harbor-Hickam Restoration Advisory Board.

Although this important ER,N work is not performed by NCTF-RH, the

concurrent efforts complement NCTF-RH's mission to investigate and remediate the Red Hill Bulk Fuel Storage Facility.

Navy Aiea-Halawa Shaft Reactivation Webinar Recording on Task Force Website

In case you missed it, the NCTF-RH webinar on the reactivation of the Navy Aiea-Halawa Shaft is available on the task force YouTube channel at <u>https://www.youtube.com/watch?v=6ghzPypBMCk</u>.







The mission of Navy Closure Task Force-Red Hill (NCTF-RH) is to execute the permanent decommissioning of the Red Hill Bulk Fuel Storage Facility (RHBFSF) safely and expeditiously, and continue long-term environmental remediation in coordination with State and Federal regulators in order to protect public health and the environment.

