

Waste Oil Disposal and Energy Recovery

PROJECT OVERVIEW

This system is a waste oil boiler (WOB) system as an environmentally friendly waste oil disposal process with a secondary goal of providing hot water for a variety of applications. The deployment and setup of a WOB system for waste oil disposal and energy provision will be executed at military locations.



BENEFITS

- Provide heating applications in facilities in cold areas.
- Heat with substantial amount of used oil is available.
- Supply hot water for personal hygiene, cooking, laundry, and vehicle wash racks.

PATH FORWARD

Identify new partner site to complete field testing and evaluation.

Coordinate with partner site and manufacturer to address environmental RCRA concerns with combustion of potential contaminants that may be present in used oils.



DoD Executive Agent

Office of the Assistant Secretary of the Army for Installations, Energy, and Environment

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FOR FURTHER INFORMATION

National Defense Center for Energy and Environment

<http://www.denix.osd.mil/ndcee/home>

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