

Kekaha Brownfields Program

Sampling work beginning soon!



Assess. Clean. Revitalize.

In August 2021, the County received a \$300,000 Brownfields Assessment Grant from the U.S. Environmental Protection Agency (EPA) to assess, evaluate, and revitalize brownfields in Kekaha as a means to improve the quality of life for residents and the community.

Aloun Farms, the new property owner of Kekaha Sugar Mill, Lot B, has allowed the County to conduct sampling work on their site. The sampling work is anticipated to take place from **April 21, 2025 through May 2, 2025.**

➔ What is a Brownfield?

A brownfield site is land that may be difficult to reuse or redevelop because of actual or suspected pollution or contamination.


The EPA's Brownfields Program helps communities, states, and other partners work together to assess, clean up, and safely revitalize these sites. Through EPA funding, communities across the country are transforming brownfields into safe, usable spaces for the future.

➔ Why is sampling important?

- **Identifies Contamination:** Sampling helps determine if harmful substances are present in the soil, the types of pollutants, and their levels.
- **Guides Cleanup Efforts:** Knowing what's there ensures the right cleanup methods are used.
- **Supports Safe Redevelopment:** Proper testing confirms the land can be safely reused.
- **Saves Time & Money:** A clear understanding of contamination prevents unnecessary or ineffective cleanup efforts.

Questions? Contact Ana Española

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 kauaiforward.com/kekaha-brownfields-study/

Website



Soil Sampling PROCESS

Hawai'i Department of Health requires **Multi-Increment Sampling (MIS)**, a method used to collect small soil samples from multiple locations across a site, mixing them together to get a more accurate picture of overall contamination levels.

STEP 1

Define sampling area



The site is divided into decision units (DUs), which are specific areas to check for contamination.

STEP 2

Collect multiple samples



Small soil samples (borings) are collected from many points within each DU to ensure a representative sample.

STEP 3

Combine and mix samples



The borings are combined and mixed to create a uniform sample representing the whole area.

STEP 4

Send to lab to analyze



The mixed sample is processed in a lab to determine the presence and concentration of contaminants.

STEP 5

Inform Cleanup



The results show whether cleanup is needed and guide the next steps for site remediation or redevelopment. This method reduces the risk of missing contamination hotspots and provides a more reliable assessment of soil conditions.



If you need an auxiliary aid/service or other accommodation due to a disability, contact Ana Española at (808) 241-1968 as soon as possible. Requests made as early as possible will allow adequate time to fulfill your request. Upon request, this notice is available in alternate formats such as large print, Braille, or electronic copy.