



Hawai'i Department of Transportation
869 Punchbowl Street
Honolulu, HI 96813



Hawai'i Department of Health
1250 Punchbowl Street
Honolulu, HI 96813

FACT SHEET

PFAS Impacted Groundwater Stable Road Kahului, Maui, Hawai'i

Introduction

This fact sheet provides information on the efforts to evaluate per- and polyfluoroalkyl (PFAS) in groundwater in the Stable Road area adjacent to the Kahului Airport (OGG).

PFAS are manmade chemicals used in many man-made products. Some examples of manufactured materials that may contain PFASs include firefighting foam, carpet, furniture, waterproof clothing, and certain types of food packaging. The health effects of PFAS are still under investigation, however, current studies have shown that exposure to certain PFAS compounds may lead to various adverse health effects. Additional information regarding PFAS can be found at the following State of Hawaii Department of Health (HDOH) websites:

<https://health.hawaii.gov/heer/environmental-health/highlighted-projects/pfas/>
<https://health.hawaii.gov/food-drug/pfas-in-food-packaging/>

PFAS has been detected in soil and groundwater surrounding the burn pit at the Training Area at concentrations exceeding the HDOH HEER Office Environmental Action Levels (EALs). A map showing the area where PFAS has been detected above the EALs is attached. In May 2025, the Hawaii Department of Transportation (HDOT) published a fact sheet, "PFAS Impacted Soil and Groundwater, Kahului Airport Aircraft Rescue and Fire Fighting Training Area", about release response efforts at the OGG Aircraft Rescue and Fire Fighting (ARFF) Training Area. Additional investigation into this release is ongoing.

Concerns were raised by Stable Road residents that groundwater at the Stable Road subdivision may be impacted by PFAS in relation to the training activities at the airport. In response to the concerns, HDOT completed an initial assessment of the groundwater in the area.

Initial Assessment

The initial assessment consisted of collecting a groundwater sample from an irrigation well located at a residential property in the Stable Road subdivision and analyzed the sample for PFAS. Groundwater in the area of Stable Road is not classified as a drinking water aquifer and therefore should not be used for drinking water. PFAS was not detected in the groundwater sample at concentrations above the applicable HDOH HEER Office EALs (i.e., HDOH HEER Office EALs

for non-drinking water aquifers). Therefore, groundwater that is used as intended does not pose a hazard based on current available data and information.

The source of the PFAS detected in the groundwater sample from the irrigation well is unknown at this time. The OGG ARFF Training Area is located cross-gradient and approximately 0.25 miles from the Stable Road subdivision. While the training activities cannot be ruled out as the source of the detected PFAS at this time, there may also be other, as yet unidentified sources as well. One other potential source of the identified PFAS is Individual Wastewater Systems (IWS). PFAS are often present in residential wastewater effluent.

Protection Measures

As a precautionary measure and until additional research into the health effects of PFAS become available, HDOT and HDOH recommend that residents do not use water from the irrigation wells as drinking water and treat it as non-potable water.

In addition, residents may want to consider testing for PFAS in their IWS leach fields, septic tanks, cesspools, and seepage pit as PFAS may be present in the wastewater being discharged from residential dwellings.

Environmental and Human Health Impacts from Exposure to PFAS

In addition to the information on Environmental and Human Health Impacts provided at the HDOH HEER Website, the Environmental Protection Agency (EPA), National Institute of Environmental Health Sciences (NIEHS), and Center for Disease Control (CDC) have developed informational websites which provide more information regarding PFAS. This information can be found via the links below.

Environmental Protection Agency

<https://www.epa.gov/pfas/key-epa-actions-address-pfas>

National Institute of Environmental Health Sciences

<https://www.niehs.nih.gov/health/topics/agents/pfc>

Center for Disease Control

<https://www.atsdr.cdc.gov/pfas/prevent-exposure/your-body.html>

This Fact Sheet will be updated as new information becomes available. For further information or questions, please contact HDOH at (808) 586-4249.
March 2026

LEGEND

— KAHULUI AIRPORT
[OGG] BOUNDARY

 GENERAL AREA OF
KNOWN PFAS
CONTAMINATION

STABLE ROAD



KAHULUI
AIRPORT

GRAPHIC SCALE

150 0 150

Scale in Feet

**GENERAL AREAS OF
KNOWN PFAS
CONTAMINATION**

Kahului Airport [OGG]
1 Kahului Airport Road, Kahului
Airport, Kahului, Hawaii
State of Hawaii Department of
Transportation - Airports



ENVIRONMENTAL SCIENCE INTERNATIONAL