



Hawai'i Garden to Cafeteria Program

Recommended Water and Soil Testing Facilities by Island

2022-2023 SY

About: Soil and water tests are important components of the G2C program that uphold garden and food safety best practices. The G2C Statewide Coordinator will assist in procuring soil/water tests for your school. Soil/water tests will typically occur at the beginning of the school year before the first harvest, and the cost will be covered by the G2C program. This document is intended to help your school work with a local lab who can process and interpret your samples. Additionally, use the following SOPs and Log forms to keep track of your test results:

- Soil SOP / Soil Log ([link](#))
- Water SOP / Water Log ([link](#))

Hawai'i

★ [UH Hilo Analytical Laboratory](#)

○ Contact:

- Tara Holitzki , Lab Manager | analytic@hawaii.edu | (808) 932-7590
- UH Hilo Analytical Laboratory
- College of Natural and Health Sciences, UH Hilo
- 200 W. Kawili St.
- Hilo, HI 96720

Medium	Test Type	Price Estimate	Time Frame	Test Frequency	Required for...
Soil	Heavy Metals (arsenic, lead)	\$35 each		Once	New G2C Schools
Water	Heavy Metals (arsenic, lead)	\$35 each		Once	New G2C Schools
Water	Pathogens (<i>E. coli</i> , total coliform)	\$17.00 each		Annually	New/ Returning G2C Schools





O'ahu

★ HI Agriculture Research Center

○ Contact:

- Dr. Susan Schenk | Kunia Experiment Station | (808) 621-1386 | sschenck@harc-hspa.com

★ Crop Nutrient Solutions

○ Contact:

- Peter Bunn | (808) 386-4120 | pbunn@pixi.com

★ Food Quality Labs

○ Contact:

- Tai Kahn | Lab Director | 808-839-9444 | tai@fqlabs.com

Medium	Test Type	Price Estimate	Time Frame	Test Frequency	Required For...
Soil	Heavy Metals (arsenic, lead)	~\$20	Two weeks	Once	New G2C Schools
Water	Heavy metals (arsenic, lead)	~\$20	Two weeks	Once	New G2C Schools
Water	Pathogens (<i>E. coli</i> , total coliform)			Annually	New/ Returning G2C Schools



Maui

★ [Hazard Evaluation and Emergency Response Office](#)

- Contact:

- Gary Bignami, DOE Facilities Planner

★ [Ag Labs Hawaii](#)

- Contact:

- Sherrie McKeown | info@aglabshawaii.com

Medium	Test Type	Price Estimate	Time Frame	Test Frequency	Required for...
Soil	Heavy Metals (arsenic, lead)		Two weeks	Once	New G2C Schools
Water	Heavy Metals (arsenic, lead)		Two weeks	Once	New G2C Schools
Water	Pathogens (<i>E. coli</i> , total coliform)		3 days	Annually	New/ Returning G2C Schools

★ Additional Options:

- Maui schools can send samples to following labs off island:

- [UH Hilo](#) - Hawai'i

- (has intrastate soil permit)

- [Crop Nutrient Solutions](#) O'ahu

- (sends samples to lab on mainland)



Kauai

★ North Shore EVP

○ Contact:

■ Lisa Rhoden | 808-343-8196 | lisa@nsevp.org

Medium	Test Type	Price Estimate	Time Frame	Test Frequency	Required for...
Soil	Heavy Metals (arsenic, lead)	\$25 + \$0.62/mi mileage if travel over 20 miles		Once	New G2C Schools
Water	Heavy Metals (arsenic, lead)	\$25 + \$0.62/mi mileage if travel over 20 miles		Once	New G2C Schools
Water	Pathogens (<i>E. coli</i> , total coliform)	\$25 + \$0.62/mi mileage if travel over 20 miles		Annually	New/ Returning G2C Schools

★ Additional Options:

○ Kauai schools can send samples to following labs off island:

- [UH Hilo](#) - Hawai'i
 - (has intrastate soil permit)
- [Crop Nutrient Solutions](#) - O'ahu
 - (sends samples to lab on mainland)



Molokai

★ No Molokai locations

- Molokai schools can send samples to following labs off island:
 - [UH Hilo](#) - Hawai'i
 - (has intrastate soil permit)
 - [Crop Nutrient Solutions](#) - O'ahu
 - (sends samples to lab on mainland)