



WATER SAMPLING RESULT FACT SHEET

XXXX Morishige Lane Results

The U.S. Army Garrison Hawaii Safe Drinking Water team performed sampling at XXXX Morishige Lane on 31Oct22 and 1Nov22*. Based on these results, this water meets all regulatory standards for safe drinking water.

What was tested?

Coliform Bacteria and Chlorine. Coliform is a common bacteria in the environment that indicates the potential for other bacterial contamination. E. coli (Escherichia coli) is bacteria found in the digestive systems of warm-blooded animals and indicates fecal contamination. Chlorine is a disinfectant.

The results indicate that your samples in compliance with water standards. The table below shows your results along with the standards required by the EPA and Hawaii Department of Health.

Analysis performed	Your Result	MCL / MDRL	Exceeded?
Coliform / E. coli (31Oct22)	Not detected	0	No
Chlorine (1Nov22)	0.53 ppm	4 ppm	No

MCL= Maximum contaminant level

MDRL= Maximum disinfectant residual level

ppm= parts per million

Where does Aliamanu Military Reservation / Red Hill water come from?

Drinking water for Aliamanu Military Reservation (AMR) and Red Hill are supplied by the Joint Base Pearl Harbor Hickam Water System. The drinking water is currently obtained from the Waiawa Shaft.

The ground water filters naturally as it travels from the surface to an aquifer located below the ground. Once the water is pumped back up from the aquifer, it is chlorinated and fluoridated. Both additives are required under Army standards. Chlorine is used as a disinfectant and fluoride is used to promote strong teeth in children. The water is filtered using granulated activated carbon (GAC). The water is then piped into the distribution system.

What else is sampled in my water system?

Many different water samples are collected and analyzed for various contaminants throughout the year from AMR and Red Hill. More information on our drinking water monitoring and results can be found in the annual Consumer Confidence Report.

<https://home.army.mil/hawaii/index.php/water-quality-report-amr>

***Note**

Chlorine test equipment failed on 31 October 2022 requiring a resample on 1 November 2022. The GAC has a chlorine monitor that alarms if the level falls below 0.3 ppm or exceeds 1.0 ppm. Therefore, chlorine in the distribution system should never exceed 1.0 ppm.