



UNITED STATES MARINE CORPS
MARINE CORPS BASE HAWAII
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5090
LFE/060-25
May 16, 2025

From: Commanding Officer, Marine Corps Base Hawai'i
To: Waterfront Operations, Building 6801, Tenants and Users

Subj: BUILDING 6801 WATER QUALITY

Ref: (a) MCO 5090.2, Volume 16, 11 June 2018

Encl: (1) Laboratory Analytical Results, 22 April 2025

1. Purpose. On April 3, 2025, Marine Corps Base Hawai'i (MCBH) Environmental Compliance and Protection Division (ECPD) issued a stop water use for the potable drinking water system in building 6801 (i.e., Waterfront Operations). On May 2, 2025, the stop water use notification was rescinded and the potable drinking water system in building 6801 was determined to be fit for human consumption. This letter provides a summary of the stop water use and the following actions, including laboratory testing, that were taken to rescind the stop water use.

2. Summary

a. On April 2, 2025, a facilities contractor inadvertently introduced a green, fluorescent chemical dye to the potable system that serves building 6801. The dye was intended to identify leaks in the buildings HVAC system; however, upon later inspection, a bypass valve was inadvertently left open, and the dye was allowed to circulate through the building's potable service lines.

b. The MCBH facilities department (S4F) and ECPD responded to reports of green, fluorescent water coming from the building 6801 taps on April 2, 2025. The S4F identified the bypass line as the cause of the cross-contamination, closed it, and ultimately locked it off until a permanent fix (i.e., removal) can be completed. The S4F conducted an initial flushing of the entire building on April 2, 2025, and took additional measures to ensure the dye was not further impacting MCBH's potable drinking water system (i.e., inspect backflow preventers and other Waterfront Operations facilities).

c. In accordance with the reference, ECPD consulted with the Navy Bureau of Medicine to obtain health-related advice regarding the exposure to the dye, and to determine what steps needed to be taken to restore the system to potable operation. On April 3, 2025, LT Alexander Bulger, MPH, NMRTC Pearl Harbor inspected building 6801 with ECPD and S4F. Through further consultation with the Navy Marine Corps Force Health Protection Command, it was determined that laboratory testing was necessary to ensure the system flushing had adequately removed the dye from the system. S4F conducted a second flushing of the building's potable lines on April 3, 2025, and the MCBH Base Safety department collected four discrete water samples on April 10, 2025.

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d. The water samples were analyzed by a Hawai'i Department of Health (HDOH) certified laboratory for free chlorine, pH, total coliforms, Escherichia coli (E. coli), conductivity, turbidity, lead, and copper. **All parameters tested meet standards established by ref. (a) and HDOH regulations, indicating the water is safe to drink.** Out of an abundance of caution, S4F conducted a third flushing of the building 6801 water system on April 28, 2025.

e. While there is no specific laboratory test for the chemical dye contaminant, it is the professional opinion of all parties involved, that the corrective actions taken, including sealing the HVAC cross connection, system flushing, and replacement of all point of use filters, is more than sufficient to clear the system of residual contaminant.

f. Several drinking fountains in building 6801 (i.e., bubblers) remain shut off as they contain an individual filter that must be replaced prior to use. ECPD is coordinating with S4F to ensure filters are replaced, and the drinking fountains are turned back on in a timely manner.

3. The United States Marine Corps is committed to protecting the health of our Marines, civilian staff, and their families by providing safe drinking water. If you are experiencing any medical conditions that may be associated with your prior use of the water (e.g., nausea, diarrhea, rash, eye irritation), please contact your medical professional and report to LT Alexander Bulger, MPH, NMRTC Pearl Harbor at alexander.l.bulger.mil@health.mil or 808-474-4242x1708. If you have any questions or concerns about this notice, please contact Patrick Crile, Lead Environmental Engineer, ECPD at patrick.crile@usmc.mil or 808-496-4358.

4. A copy of this notice, including all water testing results is available online at the following website: <https://www.mcbhawaii.marines.mil/Offices-Staff/S-4-Installations-Logistics/Facilities/Environmental/Water-Quality/>. Additionally, MCBH's most recent annual Consumer Confidence water quality report is available online at the following website: <https://www.mcbhawaii.marines.mil/Portals/114/WebDocuments/IEL/Environmental/1/Marine%20Corps%20Base%20Hawaii%20CCR%202024.pdf>

5. Should you have any questions regarding this notification, please contact Patrick Crile, Lead Environmental Engineer, ECPD at patrick.crile@usmc.mil or 808-496-4358.

R. D. LALONDE
By direction