

COUNCIL OF THE COUNTY OF MAUI
WATER AND INFRASTRUCTURE
COMMITTEE

August 9, 2019

Committee
Report No. 19-94

Honorable Chair and Members
of the County Council
County of Maui
Wailuku, Maui, Hawaii

Chair and Members:

Your Water and Infrastructure Committee, having met on July 22, 2019, makes reference to a Miscellaneous Communication dated June 18, 2019, from the County Clerk, referring Contract C6589-1 (amendment 1 to contract), between the County of Maui and CH2M Hill Engineers, Inc., for Central Maui Landfill ("CML") Groundwater Monitoring Services, in the amount of \$73,912. This amendment increased the contract's not-to-exceed amount to \$205,149.74.

The Deputy Director of Environmental Management provided copies of the Consultant's proposal containing the original scope of work, and the amendment.

The Deputy Director stated groundwater monitoring for possible contamination from the CML is ongoing, to comply with regulatory requirements under the operational permit from the State of Hawaii Department of Health.

The Deputy Director explained the original contract was for groundwater monitoring at six existing wells at the CML. After the CML footprint expanded to Phases IV and V, the State of Hawaii Department of Health required groundwater monitoring at three additional wells. The three new wells were installed in December 2018. Thus, amendment 1 to the contract added monitoring at the three new wells to the contract, for a total of nine wells.

Your Committee inquired about any foreseen future monitoring requirements related to the next CML expansion. The Deputy Director

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stated the next expansion will not expand the CML footprint, so new additional wells are not anticipated.

Your Committee was interested in how the wells are used to monitor groundwater quality. The Civil Engineer explained groundwater flows from Central Maui toward Kahului Harbor. The upstream monitoring wells are used to measure background contaminant levels. If there are any problems detected at the downstream compliance wells, those levels can be compared to the leachate samples taken at the bottom of the landfill liner, and a statistical analysis can indicate whether the landfill liner system has a potential leak. The Civil Engineer further noted the uppermost aquifer is brackish and is not used for drinking water.

Your Committee voted 5-0 to recommend filing of the communication. Committee Chair Lee, Vice-Chair Paltin, and members Kama, Molina, and Sinenci voted "aye." Committee members Hokama and Rawlins-Fernandez were excused.

Your Water and Infrastructure Committee RECOMMENDS that the Miscellaneous Communication be FILED.

This report is submitted in accordance with Rule 8 of the Rules of the Council.



ALICE L. LEE, Chair