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DEPUTY DIRECTOR

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P.O. BOX 621
HONOLULU, HAWAII 96809

Sep 29, 2021

6-5240-002 and -003.let.docx

Mr. Kyle Ginoza, Project Manager
Wainee Land and Homes, LLC
305 East Wakea Avenue, Suite 100
Kahului, HI 96732

Aloha Mr. Ginoza:

Permitting Requirements for
Well Nos. 6-5240-002 and -003 (TMK (2) 4-6-015:001), Launiupoko, Island of Maui

We understand that you replaced the pump for State Well No. 6-5240-002. While typically a pump can be replaced with a pump of equal or lower capacity, we are requiring you to apply for a new pump installation permit. Additionally, if you intend to install a pump in State Well No. 6-5240-003, you will also need to apply for and obtain a pump installation permit from our office.

If you have any questions, please contact Ryan Imata of the Commission staff at (808) 587-0255.

Ola i ka wai,

A handwritten signature in black ink, appearing to read "M. KALEO MANUEL".

M. KALEO MANUEL
Deputy Director

RI:ss

CWRM Site Visit – November 18, 2021

Well No. 6-5240-003 Lahaina Shaft-Pump A



Tunnel at east side of Shaft Pump House looking Directly Northeast

CWRM Site Visit – November 18, 2021

Well No. 6-5240-003 Lahaina Shaft-Pump A



Within Shaft Pump House looking at motor, piping, and opening to water looking Directly East

CWRM Site Visit – November 18, 2021

Well No. 6-5240-003 Lahaina Shaft-Pump A



Shaft located between the two Pump Houses, opened to surface exposure, Looking Northwest

CWRM Site Visit – November 18, 2021

Well No. 6-5240-002 Lahaina Shaft-Pump B



Within Shaft Pump House, tunnel with trash at west end looking directly Southwest

CWRM Site Visit – November 18, 2021

Well No. 6-5240-002 Lahaina Shaft-Pump B



Within Shaft Pump House tunnel opening, note piping and old motors, looking directly Northwest



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT
P.O. BOX 621
HONOLULU, HAWAII 96809

Apr 20, 2022

6-5240-002 & -003 requirements.docx

Mr. Peter Martin
Wainee Land and Homes, LLC
305 East Wakea Avenue, Suite 100
Kahului, HI 96732

Aloha Mr. Martin:

Permitting Requirements Clarification for
Well Nos. 6-5240-002 and -003 (TMK (2) 4-6-015:001),
Launiupoko, Island of Maui

This letter, along with our September 29, 2021 letter to Wainee Land and Homes, LLC (Wainee) (attached), subsequent meeting on November 8, 2021 and site visit on November 18, 2021 with various representatives of Wainee is being sent to provide additional clarification on the permitting requirements for the following wells. We require the following items to be completed within the time frames for the Lahaina Shaft-Pump B (State Well No. 6-5240-002) and Lahaina Shaft-Pump A (State Well No. 6-5240-003).

1. For both wells, the open nature of the well heads poses a great risk of contamination to the aquifer. See attached photos from Commission on Water Resource Management (CWRM) site visit November 18, 2021. You must develop a plan to enclose the well heads, along with a schedule for construction. The design must be completed and submitted to CWRM within 60 days of the date of this letter, and upon approval of the design, construction must be completed within 6 months.
2. To complete the process for the installation of the pump in the Lahaina Shaft-Pump A (State Well 6-5240-003), you must run constant rate and step-drawdown pump tests in accordance with the Hawaii Well Construction and Pump Installation Standards (HWCPIS). The pump tests must adhere to the following:
 - Step Drawdown test of at least three steps (minimum of 30 minutes each) with increasing Q to include proposed pumpage rate of 700 gpm.
 - Constant Rate test at the proposed capacity for the minimum test period specified in Table 8 of the HWCPIS.
 - Additionally, water levels in Lahaina Shaft B and in State Well 6-5240-007 at the Lahaina Recreation Center should be monitored before, during, and after the pumping tests in Lahaina Shaft A to document potential drawdown/cone of influence imposed by pumping at Lahaina Shaft A. This includes notification and coordination with the Maui County Department of Parks and Recreation.

Mr. Peter Martin

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- Water levels in both Lahaina Shaft A and B, State Well 6-5240-007 should be monitored before and after the pumping tests to document, and adjust for, tidal influence.
- Stream gaging and/or monitoring in Kaua'ula Stream (at a location determined by CWRM) should be implemented before, during, and after the pumping tests in Lahaina Shaft A to measure impact on stream flows.
- Gaging and/or monitoring at springs at Mokuhinia and the 'auwai at the Na'aikane o Maui Cultural Center should be implemented before, during, and after the pumping tests in Lahaina Shaft A to measure impact on spring flows and the water level in the 'auwai. This includes notification and coordination with the Na'aikane o Maui Cultural Center.
- Gaging and/or monitoring at the 505 Front St Center, which is pumping groundwater 24/7 to prevent flooding of its parking garage, should be implemented before, during, and after the pumping tests in Lahaina Shaft A to measure impact on water pumped and released in the ocean. This includes notification and coordination with the 505 Front St Center.

A detailed proposed pump test plan shall be prepared by you and must be submitted for CWRM staff review within 60 days, and upon approval, the pump test must be run within 60 days.

3. Until CWRM approves the pump installation permit for the Lahaina Shaft A (State Well 6-5240-003), no water must be pumped for consumptive purposes.
4. You must immediately report chlorides and any quantities pumped (including zero quantities) for both wells on a monthly basis. It is our understanding that the current installed pump is run once or twice a month to ensure the pump does not fall into disrepair. That quantity must be reported.

Ground water in Hawaii is a public trust resource. Adverse effects at one well may affect other water resources. Any violation of the above requirements or any other provision of the State Water Code and the Hawaii Administrative Rules may be subject to fines of up to \$5,000 per day. You must do your part in using this shared resource.

If we do not receive the follow up items by the timeframe stated above, we will proceed to take these items to the Commission for further action.

If you have any questions, please contact Ryan Imata of the Commission staff at (808) 587-0255.

Ola i ka wai,



M. KALEO MANUEL
Deputy Director

RI:ss
Attachment