

ALAN M. ARAKAWA
Mayor
STEWART STANT
Director
MICHAEL M. MIYAMOTO
Deputy Director



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MICHAEL RATTE
Solid Waste Division
ERIC NAKAGAWA, P.E.
Wastewater Reclamation
Division

**COUNTY OF MAUI
DEPARTMENT OF
ENVIRONMENTAL MANAGEMENT**
2050 MAIN STREET, SUITE 2B
WAILUKU, MAUI, HAWAII 96793

July 31, 2017

Honorable Alan M. Arakawa
Mayor, County of Maui
200 South High Street
Wailuku, Hawaii 96793

For Transmittal to:

Honorable Kelly King
Chair, Planning Committee
Maui County Council
200 South High Street
Wailuku, Hawaii 96793

APPROVED FOR TRANSMITTAL

Mayor Date 8/1/17

Dear Chair King:

SUBJECT: MOLOKAI COMMUNITY PLAN UPDATE (PC-02)

In response to your July 24, 2017 request for information on The Kaunakaki Wastewater Reclamation Facility we offer the following:

- 1. On page 77, lines 31-32, the plan states that the Kaunakakai WWRF treats wastewater to R-2 standards (disinfected secondary treated recycled water with restrictions on uses and applications). Is this statement true? If not, has the WWRF treated wastewater to R-2 standards in the past?**

The Kaunakakai WWRF has the ability to treat water to R-2 standards, however it is not required to by its Department of Health UIC permit. Since March 2013 there have not been any recycled water customers so production of R-2 was suspended to reduce chlorine and laboratory sampling/analysis costs.

- 2. On page 77, lines 41-42, it states that approximately 10,000 gallons of reclaimed water per day are used to irrigate landscaping in the WWRF and roadway grassed areas. Is this statement true?**

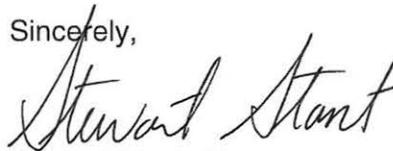
In March 2013 the State of Hawaii Department of Transportation, (our only R-2 customer) stopped using water for irrigation of the grassed areas along the highway near the plant. Since that time the WWRF has used approximately 6,000 gallons a day for limited landscape irrigation and other industrial uses inside the plant.

3. ***On page 77, line 42; and page 78, line 1, it states, "the remaining flow of roughly 240,000 gallons per day is disposed of by injection well." When added to the 10,000 gallons used for landscaping, it appears that approximately 250,000 gallons of reclaimed water is generated per day. Is that an accurate estimate?***

The facility is currently processing about 280,000 gallons of wastewater per day. After adjusting for evaporation, solids removal, and in-plant reuse this will result in about 265,000 gpd being disposed of in the injection wells. Reclaimed water is not currently being generated.

Should you have any questions, please contact Michael Miyamoto at ext. 8229.

Sincerely,



Stewart Stant, Director
Department of Environmental Management

xc: Wastewater Reclamation Division

Mr. Stewart Stant
July 24, 2017
Page 2

Should you have any questions, please contact me or the Committee staff
(Traci Fujita at ext. 7687, or Rayna Yap at ext. 8007).

Sincerely,



for KELLY KING, Committee Chair
Planning Committee

pc:ltr:002aem01

cc: Mayor Alan M. Arakawa