

JOSIAH K. NISHITA
County Clerk



OFFICE OF THE COUNTY CLERK
COUNTY OF MAUI
200 SOUTH HIGH STREET
WAILUKU, MAUI, HAWAII 96793
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607-36
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MARGARET C. CLARK
Deputy County Clerk

2019 MAR 22 PM 2:51

OFFICE OF THE
COUNTY COUNCIL

March 22, 2019

Honorable Alice L. Lee, Chair
Water and Infrastructure Committee
Council of the County of Maui
Wailuku, Hawaii 96793

Dear Chair Lee:

Respectfully transmitted are copies of the following communications that were referred to your Committee by the Council of the County of Maui at its meeting of March 22, 2019:

COUNTY COMMUNICATIONS:

- No. 19-133 - Jeffrey T. Pearson, Director of Water Supply
- No. 19-134 - Scott K. Teruya, Director of Finance
- No. 19-135 - Scott K. Teruya, Director of Finance
- No. 19-136 - Scott K. Teruya, Director of Finance
- No. 19-146 - Alice L. Lee, Councilmember

Respectfully,

A handwritten signature in black ink, appearing to read "Josiah K. Nishita".

JOSIAH K. NISHITA
County Clerk

/jym

Enclosure

cc: Director of Council Services

Council Chair
Kelly T. King

Vice-Chair
Keani N.W. Rawlins-Fernandez

Presiding Officer Pro Tempore
Tasha Kama

Councilmembers
Riki Hokama
Alice L. Lee
Michael J. Molina
Tamara Paltin
Shane M. Sinenci
Yuki Lei K. Sugimura



Director of Council Services
Maria E. Zielinski

COUNTY COUNCIL
COUNTY OF MAUI
200 S. HIGH STREET
WAILUKU, MAUI, HAWAII 96793
www.MauiCounty.us

March 4, 2019

RECEIVED
2019 MAR -8 PM 3:29
OFFICE OF THE
COUNTY CLERK

The Honorable Kelly T. King
Council Chair
County of Maui
Wailuku, Hawaii 96793

Dear Chair King:

SUBJECT: KAUNAKAKAI WASTEWATER RECLAMATION FACILITY

May I request the matter relating to the Kaunakakai Wastewater Reclamation Facility Operation and Maintenance Inspection Report – SFY19 be placed on the next Council meeting agenda.

Sincerely,

A handwritten signature in black ink, appearing to read "Alice L. Lee".

ALICE L. LEE
Councilmember

ltr:190304a:ds

Enclosure

COUNTY COMMUNICATION NO. 19-146



STATE OF HAWAII
DEPARTMENT OF HEALTH
P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

315 FY19 insp ltr

February 7, 2019

Mr. Michael Miyamoto
Director
Department of Environmental Management
County of Maui
2200 Main Street, #100
Wailuku, Hawaii 96793
Email: michael.miyamoto@co.maui.hi.us

Dear Mr. Miyamoto:

Subject: **Kaunakakai Wastewater Reclamation Facility
Operation and Maintenance Inspection Report - SFY19**

On January 25, 2019, Department of Health (Department) staff conducted an inspection of the subject facility. The inspection and data review covered the 2018 calendar year period, and the subject report is attached for your use. The facility was rated "Unacceptable" for the following reasons:

1. Average flow is currently at 100% of design capacity. In 2017, the average flow was at 93% of design capacity and a corrective action plan was requested but never received.
2. Since 2013, R-2 recycled water has not been produced at the subject plant. However, annual reports on the volume of R-2 recycled water supplied for use during calendar years 2015, 2016, and 2017 each reported a total of 2.16 million gallons supplied.
3. Two (2) BOD₅ data values were invalid. On 4/16/18 and 4/25/18, BOD₅ data was recorded as ">13" and ">19," respectively. From this data it cannot be determined whether the 30 mg/L limit was met.

Please submit a written corrective action plan that addresses the above items, provides a list of corrective actions and includes an estimated completion date for each action. The plan is due thirty (30) days after receipt of this letter.

Mr. Michael Miyamoto
February 7, 2019
Page 2

Should you have any questions, please contact Ms. April Matsumura at (808) 586-4294 or email her at april.matsumura@doh.hawaii.gov.

Sincerely,

MARIANNE ROSSIO, P.E., ACTING CHIEF
Environmental Management Division

AM:ju

Attachment

c: Alice Lee, County Water & Infrastructure Chairperson (alice.lee@mauicounty.us)
Norris Uehara, UIC Program (Norris.uehara@doh.hawaii.gov)

OPERATION AND MAINTENANCE INSPECTION REPORT

INTRODUCTION

1. Facility: Kaunakakai Wastewater Reclamation Facility
2. Inspection Date: 1/25/19
3. Inspector: A. Matsumura
4. Facility Representatives and Job Titles:

Name	Job Title
Guy Joao	DRC, Grade 3
Abigail Bush	Operator, Grade 3
Romeo Yanos	Wastewater Operations Manager
Wendell Molina	Central Maintenance Mechanics - Working Supervisor
Rico San Agustin	Electronics Technician

BACKGROUND

1. Current status of deficiencies cited in previous inspection report:
 - a. The Aqua-Aerobic Systems mini-disk filters were not operational because new filter feed pumps had not been installed. As of the inspection date, the pumps still had not been installed. Although the County of Maui still plans to install them to improve effluent quality, the filtration process is optional because the plant no longer produces R-2 recycled water and is classified as providing secondary treatment. All effluent requirements for secondary treatment are currently being met. Item closed.
 - b. Fecal coliform levels were not being monitored. Since the plant is now classified as providing secondary treatment, fecal coliform monitoring is no longer required. Item closed.
2. UIC Permit Status:

The facility's UIC permit, UM-1397, issued on 11/1/03, was renewed to 4/13/19. The facility currently complies with UIC permit requirements.
3. Enforcement Action: None.
4. Capacity Analysis:
 - a. Average Flow: 0.30 MGD (review period January – December 2018)
 - b. Design Flow: 0.30 MGD Percent design capacity: 100%

5. Influent/Effluent Data Analysis:

- a. Influent BOD₅: 131 mg/L (composite)
- b. Effluent BOD₅: 7.5 mg/L (composite) excludes data for April 2018
- c. Influent TSS: 162 mg/L (composite)
- d. Effluent TSS: 5.9 mg/L (composite)
- e. pH (min): 7.1 (grab)
- f. pH (max): 7.6 (grab)

Effluent limits are 30 mg/L for both BOD₅ and TSS.

6. R-2 Effluent Data Requirement and Analysis: Not Applicable

CURRENT INSPECTION

1. Maintenance:

- a. Preventive Maintenance: Current
- b. Corrective Maintenance: See section 5 below.

2. Reuse:

The facility has a DOH approved effluent irrigation management plan:

Yes No Not applicable

3. NPDES, Chapter 11-62, or other violations (effluent limitations, spills, etc.): None.

4. Visual quality of effluent on date of inspection (inspector's judgment): Very clear.

5. Facility's Present Deficiencies:

- a. Average flow is at currently at 100% of design capacity. In 2017, the average flow was at 93% of design capacity and a corrective action plan was requested but never received.
- b. Since 2013 R-2 recycled water has not been produced at the subject plant. However, annual reports on the volume of R-2 recycled water supplied for use during calendar years 2015, 2016, and 2017 each reported a total of 2.16 million gallons of R-2 recycled water supplied.
- c. Two (2) BOD₅ data values were invalid. On 4/16/18 and 4/25/18, BOD₅ data was recorded as ">13" and ">19," respectively. From this data it cannot be determined whether the 30 mg/L limit was met.

SUMMARY

General Rating:

____ ACCEPTABLE ____ CONDITIONAL ACCEPTANCE X UNACCEPTABLE

The rating is based on the facility's present deficiencies list above.