

BOARD OF WATER SUPPLY
COUNTY OF MAUI

REGULAR MEETING
MINUTES OF APRIL 17, 2014

The regular meeting of the Maui County Board of Water Supply was held at the Department of Planning Conference Room, 250 South High Street, Wailuku, Maui, on Thursday, April 17, 2014.

CALL TO ORDER

The meeting was called to order by Chair Kamai at 9:05 a.m.

ANNOUNCEMENTS

Introduction of the New Board Members - R. Raymond Cabebe, Sylvia Ho and Anders Lyons

The chair introduced the new board members.

Member Cabebe who was born and raised on Maui, worked for the Department of Water Supply for 13 years as an engineering tech before going to work for Chris Hart and Partners.

Member Lyons explained that his name comes from his mother who is from Denmark and it is pronounced in the traditional way even though it is spelled differently. He was born and raised in Upcountry Makawao and his profession is in non-profit environmental conservation. He has directed staff at the watershed partnership programs and at the Nature Conservancy Maui.

Member Ho is an investment consultant for a credit union and has been on Maui for 10 years. She was born and raised in Hong Kong and has lived in Holland, Australia, and Honolulu.

At this time Chair Kamai asked the rest of the board members and staff to introduce themselves to the new members.

ATTENDANCE

Members present: William Kamai, Chair
R. Raymond Cabebe
Sylvia Ho
Robert Joslin
Cyrus Kodani
Anders Lyons
Michael Suzuki
Thomas Watanabe

Excused: James Rust

Staff present: Dave Taylor, Director
Paul Meyer, Deputy Director
Edward S. Kushi, First Deputy Corporation Counsel
Gaye Hayashida, Commission Support Clerk

APPROVAL OF MINUTES

Minutes of February 20, 2014

Chair Kamai asked for a motion to accept the minutes of March 20, 2014.

Motion: Member Joslin moved to accept the minutes of March 20, 2014.

Second: Member Kodani.

Discussion: None.

Vote: Unanimous. Motion carried. The minutes of March 20, 2014 were accepted.

TESTIMONY FROM THE PUBLIC

No one gave public testimony at this meeting.

OTHER BUSINESS

Receipt of Board Member request for agenda items to be placed on future agendas

1. Discussion on the Department of Water Supply's 20-Year Management Plan

DIRECTOR'S REPORT

Department's Amendments to Drought Plan as recommended by the Board on February 20, 2014

Director Taylor's memorandum of a modified drought plan was distributed to the Board. A copy is attached to these minutes.

The department has made the changes as recommended by the board at the February 20, 2014 Board of Water Supply meeting. The changes and redactions are shaded. The plan would apply to all customers using potable water.

Director Taylor noted that customers who limit water consumption to 12,000 gallons a month will not be subject to any penalty or fine so if you're already conserving then nothing will happen.

Motion: Member Joslin moved to accept the department's Drought Plan with the changes as submitted.

Second: Member Cabebe

Discussion: None.

Vote: Unanimous. Motion carried. The board accepted the department's Drought Plan with the changes.

The director stated that this plan will be transmitted to council as a "For Your Information" type of communication and will probably be referred to the Water Resources Committee. The department will let the board know when it is scheduled.

Mr. Kushi read MCC, Chapter 14.06 and reminded all that what the director has done is shown the board how he will deal with the drought but in order to declare a drought he must discuss it with the board and then mayor has to approve. In other words, the director cannot declare a drought on his own.

Director Taylor concurred with Mr. Kushi and explained that he wanted the board to be aware of what the department will do after a drought is declared so that the only discussion will be whether the board agrees that a drought should be declared and not get into questions of what kinds of action need to be taken.

DIVISION REPORTS

Operational Division Reports

Director Taylor said it's been raining a lot and so operationally things are pretty status quo. There is really nothing of operational significance to report.

The department staff spent the last 2 days with the county council on the DWS budget. The big issue this year is the rates and fees which are tied to the Upcountry water list. They looked at all the countywide needs and the costs needed to provide services and came up with a rate and fee plan. The bottom line is that the services for Upcountry costs much, much more than are collected from those customers and so those services must be subsidized from elsewhere.

ELECTION OF CHAIR AND VICE CHAIR

Nominations and Election for Board of Water Supply Chair

Chair Kamai asked for nominations for Chair.

Motion: Member Suzuki nominated William Kamai for Board of Water Supply Chairperson.

Second: Member Joslin

Discussion: There were no other nominations for chairperson.

Motion: Member Joslin moved to close the nominations for chair

Second: Member Kodani

Vote: Unanimous. Motion carried. William Kamai was re-elected as Chair of the Board of Water Supply.

Nominations and Election for Board of Water Supply Vice Chair

Chair Kamai asked for nominations for Vice Chair.

Motion: Member Kodani nominated Robert Joslin for Board of Water Supply Vice Chairperson.

Second: Member Suzuki

Discussion: There were no other nominations for vice chairperson.

Motion: Member Kodani moved to close the nominations for vice chair of the Board of Water Supply.

Second: Member Suzuki

Vote: Unanimous. Motion carried. Robert Joslin was elected as Vice Chair of the Board of Water Supply.

At this time Director Taylor announced that Deputy Director Meyer will be present for the contested cases. The director primarily handles operations, capital improvements, planning and budget issues. The deputy director primarily handles customer service, permits, subdivision applications, customer bills. So most of the appeals have to do with decisions of the director where customers don't agree with those decisions and most of the time they fall under the deputy's responsibility.

ADJOURNMENT

There being no further business the regular meeting was adjourned at 9:39 a.m.

Prepared by:

Gaye Hayashida
Commission Support Clerk

Approved for distribution:

David Taylor
Director

ALAN. M. ARAKAWA
Mayor



DAVID TAYLOR, P.E.
Director

PAUL J. MEYER
Deputy Director

DEPARTMENT OF WATER SUPPLY

COUNTY OF MAUI

200 SOUTH HIGH STREET

WAILUKU, MAUI, HAWAII 96793-2155

www.mauewater.org

April 16, 2014

MEMORANDUM

TO: MEMBERS OF THE BOARD OF WATER SUPPLY

FROM: DAVID TAYLOR, DIRECTOR OF WATER SUPPLY 

SUBJECT: DEPARTMENT OF WATER SUPPLY DROUGHT PLAN

Attached is our intended program for dealing with drought conditions. We believe it is best to have these actions ready before we actually should have need for implementing these plans. More specifically, Maui County Code, Chapter 14.06, a copy of which is attached, entitled "Control of Water Usage During Droughts" provides certain powers to the Director after consultation with the Board of Water Supply and approval by the Mayor. Our intention is to apply these powers in the following manner.

A drought would be declared by the Director after the aforementioned consultation with the Board and with the approval of the Mayor. This declaration would be published in local newspapers and broadcast media. The declaration would explain the reasons for a drought declaration and would specifically stipulate that mandatory restrictions were going into effect and the effective date. The actual circumstances and size of the reduced water consumption might vary on a case by case basis but the actions would include the following:

1. **Residential** Customers, who limit water consumption to 12,000 gallons per month ("gpm"), will not be subject to any penalty or fine.
2. On a monthly basis, **residential** customers who use more than 12,000 gpm, and who do not reduce water consumption by at least 20% shall be charged with a violation and upon conviction shall be subject to a fine of not more than \$500.00 per violation. To determine compliance, current monthly consumption will be compared to a three-month average based upon actual water consumption during the most recent prior three months for which complete water use records are available.

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3. [Agricultural customers who reduce current consumption by at least 10% per month will not be subject to any violation or fine.
4. On a monthly basis, agricultural customers who do not reduce consumption by at least 10% per month shall be charged with a violation and upon conviction, shall be subject to a fine of not more than \$500.00 per violation. To determine compliance, current consumption will be compared to a three-month average based upon the actual consumption during the most recent prior three months for which complete water use records are available.]
3. If the drought becomes more severe, and the [10% and] 20% restrictions are not adequate, the Director may increase these [to 20% and 30% and then] to 30% [and 40%] and, 40% and 50% as may be necessary.

Lack of compliance with these mandatory restrictions may, in addition and subject to appeal to the Board of Water Supply, result in removal of the water meter of users who violate the above drought restrictions pursuant to Section 14.06.030 of Maui County Code.

Attached for your review is a sample of a press release declaring a drought which may help in framing the circumstances and understand the implementation. We felt it important to share this with you in advance of events and the need for mandatory restrictions which might occur in the summer and fall of 2014 or subsequent years.

It is our intention to satisfy the ordinance provisions by having an action plan pre-approved. A consultation with the Board will be required to issue a drought proclamation. The consultation on the action plan presented above will, however, have already occurred.

We look forward to discussing this issue and this approach at the next convenient meeting of the Board.

Attachment

xc: Paul Meyer
Jacky Takakura

Alan M. Arakawa
Mayor



David S. Taylor, P.E.
Director

Paul J. Meyer
Deputy Director

**DEPARTMENT OF WATER SUPPLY
COUNTY OF MAUI**

200 South High Street
Wailuku, Maui, Hawaii 96793-2155

Telephone (808) 270-7816 • Fax (808) 270-7833 • www.mauiwater.org

DATE
PRESS RELEASE

Contact: Jacky Takakura, Administrative Officer
270-8046/jacky.takakura@co.maui.hi.us

DWS Declares Mandatory Water Reduction Upcountry Effective DATE

On October 30, 2013, the Department of Water Supply (DWS) asked for a voluntary 20% cutback in water use; however, water levels in the reservoirs have dropped to the point that Upcountry customers may run out of water if usage is not severely curtailed. The affected area includes Haiku, Makawao, Olinda, Haliimaile, Pukalani, Omaopio/Pulehu, Kula, Keokea/Waiohuli, Ulupalakua, and Kanaio.

As the Department was not able to maintain reservoir levels, customers are now subject to mandatory restrictions and the Director has declared a drought to exist effective November 15, 2013 as follows:

1. **[Residential]** Customers who limit water consumption to 400 gallons per day or 12,000 gallons per month will not be subject to any penalty or fine.
2. **[Residential]** Customers using more than 400 gallons per day or 12,000 gallons per month, who do not reduce water consumption by at least 20%, shall be charged with a violation and upon conviction, shall be subject to a fine of not less than \$500 per violation. To determine compliance, current consumption will be compared to a 3-month average based on actual water consumption during the months of July, August, and September 2013.
3. **[Agricultural customers who reduce current consumption by at least 10% per month will not be subject to any violation or fine.]**

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Press Release – Drought Cancelled for Upcountry Maui
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4. Agricultural customers who do not reduce consumption by at least 10% per month shall be charged with a violation and upon conviction, shall be subject to a fine of not less than \$500 per violation. To determine compliance, current consumption will be compared to a 3-month average based on actual consumption during the months of July, August, and September 2013.

Lack of compliance with these mandatory restrictions may, in addition and subject to appeal to the Board of Water Supply, result in removal of the water meter of users who violate the above drought restrictions (Section 14.06.030, Maui County Code).

The following conditions existed as of Wednesday morning, November 13, 2013:

1. Wailoa Ditch
Flows at the ditch this morning were at 95.0 million gallons per day (MGD) or 47.5 % of capacity. For October 24 to 30, the average flow was 23.4 MGD.
2. Piiholo Water Treatment Facility
The reservoir is full at 50.0 MG. Piiholo facility production was 3.6 MG and is providing water for the Makawao, Lower Kula, and Upper Kula water systems.
3. Kamole Water Treatment Facility
Facility production was 0.1 million gallons (MG) for the previous 24-hour period due to the Piiholo facility providing water to the lower elevations, saving on pumping costs.
4. Waikamoi and Kahakapao Reservoirs
The 30 MG Waikamoi Reservoirs have 8.9 MG or 29.7%; the 100 MG Kahakapao reservoirs are at 89.4%.
5. Olinda Water Treatment Facility
The facility is currently offline and department personnel are preparing to restart operations. Total water consumption (including groundwater sources) for all of Upcountry was 5.9 MG.
6. Groundwater
Kaupakalua Well production averages 0.7 MGD. The Haiku Well currently provides 0.4 MGD, and the draw from Pookela Well is 1.3 MGD. Hamakuapoko Wells are not ready for service at this time.

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7. Total Demand

The total average demand for the Upcountry water system for the past week was 8.2 MGD. Normally, average demand is 7.1 MGD.

8. Rainfall Forecast

The NOAA National Weather Service prediction for the week ranges from “less than a tenth of an inch to a quarter of an inch possible” precipitation for the Makawao area for the week.

To help conserve water, consumers should check in and around homes for leaks, use water conservatively, and install water saving devices where possible. Suggested conservation methods include not washing cars, irrigating lawns or filling storage tanks or reservoirs. Decreasing outdoor water use is a simple yet significant way to reduce water consumption.

Free low-flow showerheads and leak detected dye tablets for toilets are available at One Main Plaza, Suite 102 in Wailuku. For more information on how to save water, contact the DWS at 463-3110. To report leaks in the water system, please call 270-7633.

The Department of Water Supply would like to thank the Upcountry community for their continued cooperation during this challenging time.

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