

County of Maui Water
Supply

BOARD OF WATER SUPPLY
COUNTY OF MAUI
SPECIAL MEETING

Taken at the David Trask Building, Conference Room 207,
Wailuku, Maui, Hawaii, commencing at 8:30 a.m. on February 8,
2001 pursuant to Notice.

REPORTED BY: GLORIA T. TAVARES, RPR/CSR #262

ATTENDANCE - Board of Water Supply Meeting, February 8, 2001

Members present: Elmer Cravalho, Chair
Robert Takitani
Clark Hashimoto
Mike Nobriga
Jonathan Starr
Orlando Tagorda
Howard Nakamura

Staff present: David Craddick, Director
George Tengan, Deputy Director
Herb Kogasaka, Engineering
Jacky Takakura
Fran Nago, Board Secretary

IWADO COURT REPORTERS, INC.

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CHAIRMAN CRAVALHO: The special meeting of the Board
of Water Supply will come to order. Members of the board have
copies of the agenda. Ms. Nago, call the roll to see who is
with us this morning.

MS. NAGO: We have Clark Hashimoto, Michael Nobriga,

Jonathan Starr, Elmer Cravalho, Orlando Tagorda. We have Robert Takitani, Howard Nakamura, David Craddick, Mike Quinn, Paul Seitz, Herb Kogasaka, Herb Chang. We have counsel chair Pat Kawano, Roy Hiraga, Elliott Krash. We have Warren Poslusny, Mark Adams, Peter Stolle and Madelyn D'Enbeau.

CHAIRMAN CRAVALHO: A quorum is present. The meeting is a special one for the consideration of one topic only; that's with respect to the Upcountry water situation. This is also in response to a request of Director Craddick. Before we get into the meeting, is there anyone here who wants to have any presentation or give testimony?

MR. STARR: Before we begin, just to clarify, was this filed in a timely manner or is this being held in a specially noticed meeting?

CHAIRMAN CRAVALHO: My understanding is that it has been filed with the county clerk's office. That's my understanding.

MR. STARR: I don't think it was filed in time for normal process. I do think we should have a meeting, but I want to be clear about that.

CHAIRMAN CRAVALHO: Ms. Nago, was it filed in a timely manner?

MS. NAGO: Yes, it was. It takes six days, it was filed February 2nd; we have our six days.

CHAIRMAN CRAVALHO: Shall we then proceed? Yes, ma'am?

MS. D'ENBEAU: May I sit here? Good morning, my name is Madelyn D'Enbeau. I'm speaking as an individual just for a small point of information. I live on Kokomo Road about a half mile above the Haiku post office.

I just would like the board members to be aware that in the last, probably, year but maybe 18 months, there had been at least a dozen new homes built within a half mile of my house, and I'm not saying this because they are in any way infringing on me or bothering me, it's a rural neighborhood and I only see them because I drive to work.

And it's just that, of course, one always has to wonder what about the water situation. And I'm sure it's the same in other neighborhoods. I think I understood Mr. Craddick say he felt he couldn't deny any water meters any longer because the judge had ordered him not to deny water meters without a rule. But I have not seen that case myself and I'm not sure why so many meters are being issued.

I did go to one open house down the street from me and the Realtor told me that there were several houses in this project and they were on a condominiumized (sic) water meter. I have no idea what he meant by that, but I just thought that that might be a piece of useful information. Thank you very much.

CHAIRMAN CRAVALHO: Thank you very much. May the matter and the contents be referred to Mr. Starr's committee. We'll have the hearings and actions and suggestions of the water meter situation. Any other discussions or presentations at this time? If not, Mr. Craddick?

MR. CRADDICK: There are two written testimonies: one from the farm bureau -- no, the other one pertains to a different meeting. But one from the farm bureau.

CHAIRMAN CRAVALHO: Mr. Craddick, the chair is kind of a stickler for procedures and the communications arrived with it. However, the chair has no objection to having them being presented as part of the record and referred to the appropriate committee, and if there is someone who wishes to speak on it, the chair is very happy to accommodate; but this last minute kind of stuff that comes in, and regular meetings as well as special meetings, I think it would be out of order and should be delayed until the next regular meeting.

In this particular case, because of the seriousness of the questions, we'll proceed. Anyone wishes to make a presentation? If not, may the communications be received, placed into the official record and referred to the appropriate committee to it, legislative and Mr. Starr's committee. Again, the letters and communications are made part of the official record.

We're now ready for Mr. Craddick. All yours.

MR. CRADDICK: Wailoa ditch is at 29 million, 29 1/2 million gallons a day --

MR. NOBRIGA: Could you speak up, I'm having a difficult time hearing you.

MR. CRADDICK: Wailoa ditch is at 25 1/2 million gallons a day, which is 14 3/4 percent of its capacity. The Piiholo water treatment facility is at 40 million gallons, which is 81 percent of its capacity. Waikamoi, as of yesterday, had 7 million gallons in it or 23 percent of capacity. Kahakapao reservoir had, as of this morning, 65 million gallons and 65 percent of capacity. Demand is in the average of between 7 and 8 million gallons a day.

That's the current situation. Up until today we weren't having any rain. It seems like today we are having some rain. As far as the longer term -- as far as I know, its average rain is what the long-term outlook is. That's it.

CHAIRMAN CRAVALHO: Will you be in a position to respond to a couple of questions?

MR. CRADDICK: Yes, I think so.

CHAIRMAN CRAVALHO: Under the East Maui agreement that we have, we're supposed to be maintaining our storage up to 80 percent; is that correct?

MR. CRADDICK: Yes.

CHAIRMAN CRAVALHO: 80 percent of a hundred mil will be out of Waikamoi dams. If we add the Waikamoi capacity in and what is on storage now, we are up to 116 million gallons of storage, which is 4 million off of the 80 percent. What has been the record, if any, with respect to the pumping?

MR. CRADDICK: We had been pumping at Kamole until we filled up Piiholo reservoir as of last Friday. Since Friday, we have not been pumping.

CHAIRMAN CRAVALHO: What's the amount that has been pumped?

MR. SEITZ: I don't have it here.

MR. CRADDICK: It's been on an average about 4

million gallons a day.

CHAIRMAN CRAVALHO: Fine. Has there been a problem with respect to the Haiku well?

MR. CRADDICK: Yes, it's still down.

CHAIRMAN CRAVALHO: I thought you told me, Mr. Craddick, it was going to be finished last week.

MR. CRADDICK: I know the pump --

CHAIRMAN CRAVALHO: If it's still down, it's still down. That's one of the factors we have to look at.

MR. CRADDICK: There's Andy right there; he might be able to tell you what the status is.

CHAIRMAN CRAVALHO: What's the status of the Haiku well?

MR. PASCUA: We're in the process of checking rotation so we can start pumping.

CHAIRMAN CRAVALHO: Start pumping when?

MR. PASCUA: Hopefully start pumping this afternoon, then we can chlorinate the well, get it cleared, and get it into the system as soon as possible.

CHAIRMAN CRAVALHO: What is "as soon as possible"?

MR. PASCUA: If not Monday, sometime during next week. By Wednesday hopefully.

CHAIRMAN CRAVALHO: That's under normal conditions?

MR. PASCUA: Yes.

CHAIRMAN CRAVALHO: If you proceed under abnormal conditions, double time?

MR. PASCUA: Double time.

CHAIRMAN CRAVALHO: When will you be finished, before Wednesday?

MR. PASCUA: Before Wednesday.

CHAIRMAN CRAVALHO: What's the utilization of the Haiku well? How many gallons per day used to come from there, approximately?

MR. CRADDICK: 300,000 gallons a day.

MR. PASCUA: Under normal conditions, servicing the Haiku area, we're talking about six -- five to six hours of operation, it comes out to almost half a million.

CHAIRMAN CRAVALHO: The water from the Dowling wells, how much -- how many gallons have been coming from the Dowling wells?

MR. PASCUA: Recently we have been running about 10, 12 hours.

CHAIRMAN CRAVALHO: Gallons.

MR. PASCUA: Gallons, that would amount to a little over a million gallons.

MR. CRADDICK: That's about three-quarters.

CHAIRMAN CRAVALHO: Wait, wait, Mr. Craddick. The chair is old and into sequence in the idiosyncratic so let me raise my questions my own way. Give me the benefit of that, please. Is a million gallon capacity or productivity from the Dowling wells, at the present time that water goes where?

MR. CRADDICK: Haiku.

CHAIRMAN CRAVALHO: Haiku. But Haiku consumes 300-, 500,000 a day?

MR. CRADDICK: This is supplying all of Haiku right now.

CHAIRMAN CRAVALHO: I understand that. And the consumption is in the neighborhood of about a half mil or 600,000, one million a day?

MR. CRADDICK: It's about three-quarters of a million a day.

CHAIRMAN CRAVALHO: That's not normal consumption, that's based on your reports in the past. The point I'm trying to get across is, by Wednesday of next week or at the latest, this additional million a day would be available if the Haiku well is placed back in production by next week Wednesday at the latest?

MR. PASCUA: Yes, sir.

CHAIRMAN CRAVALHO: So that's one million approximately that could be going into the system without necessarily being --

MR. STARR: A half million.

MR. NOBRIGA: Half Dowling and half from Haiku.

CHAIRMAN CRAVALHO: Yes. So the net is a mil. Which has not been available in the past two weeks or three weeks or whatever, but conceivably would be available next week sometime.

MR. CRADDICK: That's right.

CHAIRMAN CRAVALHO: And this is not to detract from the seriousness of the situation, but just looking at the resources of what could be available, this then would go into the ditch; am I not correct, Mr. Craddick?

MR. CRADDICK: No.

CHAIRMAN CRAVALHO: Where does the Dowling well water go?

MR. CRADDICK: Haiku.

CHAIRMAN CRAVALHO: Forget Haiku. The well is going to be back in production, where does the Dowling water go then?

MR. CRADDICK: Haiku.

CHAIRMAN CRAVALHO: Why?

MR. CRADDICK: That's the only pipeline there. We have not finished an agreement to put water into the ditch.

CHAIRMAN CRAVALHO: Well, my friend, the chair would like to observe that that's a matter of administration. The board agreed quite some time ago to put the over amount of the Dowling well into the Wailoa ditch. We did. It has not been finalized, but we did. Now, if we rush, we might be -- in terms of its availability, potential availability, so let's look at our resources.

If we then also look at a determination of the existence of a drought situation, which is factually correct, and if this board were to take the necessary action to recognize the existence of a drought situation which conceivably would trigger the availability of the utilization of the Haiku wells -- not Haiku, excuse me, H'poko wells, and that productivity would be how much?

MR. CRADDICK: Actually, three-quarters of a million, because one motor right now is burned out. The contractor was working on the controls and burned out one motor.

CHAIRMAN CRAVALHO: Repair would be when? Tell the board what you told me the other day.

MR. CRADDICK: Well, I think some new information has come up. They thought it was 150 horsepower motor and it's really a 200 horsepower motor, so there's a little more trouble getting the motor.

CHAIRMAN CRAVALHO: The time would be what, approximately?

MR. CRADDICK: Do you have a time for that?

MR. PASCUA: We're looking into the feasibility of using the 200 horsepower motor. The 150 needs to be repaired, that's complete rewiring. If we get the proper bidding in, we're talking about 9 to 12 days just to get that pump motor repaired, and if we go with the 200, then we're talking the

same -- extra amperage, so that would be a little more costly using the 200.

CHAIRMAN CRAVALHO: Under the East Maui agreement that we have, the critical point for water, for fire protection, etc., is approximately 8 million, as I recall, in that neighborhood. Am I not correct? The latest reading shows 36 mil, Wailoa ditch as of the 6th; 60.9 mil as of the 5th; 129.4 mil as of the 4th; and 19 mil as of the 2nd.

While 19 mil may be quite critical, it is still more than 200 percent of the 8 million that would automatically trigger a number of things. Is that not correct?

MR. CRADDICK: Correct.

CHAIRMAN CRAVALHO: Whether we like it or not, are those figures not correct?

MR. CRADDICK: That's correct.

CHAIRMAN CRAVALHO: That's all the chair has to say. The chair just wants the members of the board to be aware of all of the facts and all of the information recognizing the critical nature and the importance of water, but also recognizing that tools are there that can be used to help alleviate the situation if we proceed with the drought recognition. What's the pleasure of the board? Mr. Takitani?

MR. TAKITANI: I just wanted to get some input here regarding the MOU that we signed almost a year ago now with A&B. As I recall, the critical figure that was figured into the computation was 55 million gallons a day. That was a point in which A&B, HC&S, etc., and we felt that a low flow condition existed. Now at 55 million gallons, A&B conceded they would not -- when I say A&B, HC&S, would not divert water to lower levels.

In recognition of the fact that the board was now utilizing groundwater to bring balance to the situation heretofore which had always been primarily or almost 100 percent surface water. So in recognition of the fact that the board was doing this, A&B was willing to give more surface water to the board. Such point at which 20 million gallons was considered to be the critical .8, at which we would get 8.2 and

they would get 8.2.

CHAIRMAN CRAVALHO: Eight is critical for them.

MR. TAKITANI: I wanted to bring that up again. The point being that our agreement also factored in the fact that we would utilize all available well water at the point when 55 million gallons was reached. Which to me meant that we should be looking at trying to get some kind of a drought definition that would allow us to be utilizing H'poko well, etc., and all available sources at the level of 55 million gallons and below. So again needing the balance between surface and well water, the board should also be, according to Mr. Starr's request for drilling of a well Upcountry, taking all measures posthaste to try to get additional well water, because that's the long-term solution to the continuing drought problem that we experienced every single year. In fact, twice or three, four times a year now. So I think those points being made, we need to be looking at several things here.

CHAIRMAN CRAVALHO: The chair is well aware of the comments and the reliability of what you are saying. The chair can only repeat what the chair made reference to in the past. When there is a need for water, all parties should be asked to cooperate.

The chair also wishes to repeat that as it relates to the farming element as a sole level of support and it is an agricultural pursuit and that needs to be recognized. So action by the board, if it wishes to pursue additional availability of water to get them available from all sources, I think would be very much in order. Mr. Starr?

MR. STARR: I'm preparing a motion, but before I do I would like to clarify one or two things. I would like to ask eminent corporation counsel what action on our part is required to be able to utilize Hamakuapoko wells?

MR. FUKUSHIMA: Under the current findings, Mr. Chairman, under the current court order, there must be a drought emergency declared by the board before the H'poko wells can be used.

MR. STARR: It is only the board which must declare it?

MR. FUKUSHIMA: That's correct.

CHAIRMAN CRAVALHO: You so move.

MR. STARR: I would like to move that the board declare a drought emergency and that as part of this emergency, we request the public to be aware of the dry conditions and to do their best not to waste any water.

CHAIRMAN CRAVALHO: Is there a second?

MR. NAKAMURA: Second.

CHAIRMAN CRAVALHO: You heard the motion duly made and seconded that we proceed to declare the existence of a drought situation accompanied by consistent requests to the public for its continued cooperation in utilizing water to the minimum. Drought emergency.

MR. TAGORDA: Mr. Chairman?

CHAIRMAN CRAVALHO: Yes, sir.

MR. TAGORDA: Based on the motion, I do support the motion to declare a drought emergency; however, I would like just to recommend, Mr. Chair, that the utilization of H'poko well should be only when the ditch flow is less than 55 million gallons. When the ditch flow in Wailoa is 55 or more, I think that H'poko wells should be shut down and utilize only Dowling and Haiku well.

CHAIRMAN CRAVALHO: The pending motion is for the declaration of the drought situation emergency with the admonition or the request to the administration to try to follow as much as it is reasonably possible the contents of Mr. Tagorda's request or suggestion. Are you ready for the question? All those in favor say "aye."

(A chorus of ayes.)

Contrary?

(No response.)

Carried unanimously.

Nothing else to come before this board -- yes, sir, anything you want today.

MR. STARR: I have two operational questions and I would like to ask the director. One, what's the status of the Hamakuapoko wells in terms of electric power?

MR. CRADDICK: We took our generators up there some number of weeks ago to get ready.

MR. STARR: Generators are in place?

MR. CRADDICK: Yes.

MR. STARR: But there's not been progress as far as getting permanent power to that?

MR. CRADDICK: Well, we got a letter from HC&S that they were wanting somewhere on the order, I believe this was for the Pulehu well plus Hamakuapoko was \$900,000. Under the current operating arrangement, it doesn't make sense to spend that kind of money just for that. They are still working on what it will cost --

MR. STARR: For what? For running power? For running lines?

MR. CRADDICK: Yes. What we're doing is we're waiting to get the price for what it would cost to get power to the --

CHAIRMAN CRAVALHO: Maybe HC&S or A&B need to be admonished. There's a limitation and prohibition of what you can smoke unless it's necessary for medical reasons. That's right. Are there any representatives from A&B, whoever, hey, come down to earth. Just come down to earth.

Because there are many things you people, any representative here, there are many things you are going to be coming -- dealing with water and if one party moves in a manner that is unfair and unjust to the other party, then it's not right, and I for one will be watching that kind of stuff. We have been saying we want a level playing field for everybody.

And just as an aside, Mr. Takitani, as I advised you, chairman or chairperson -- I'm not available for the chairmanship of this distinguished body anymore. When my term is up, it's up. One year and that's it. But for those who may be supposing that there will be a demise of my presence at ending of March, don't bet on it, just don't bet on it. Okay? No other business to come before the board? So ordered. Adjourned.

(The deposition concluded at 9:00 a.m.)

IWADO COURT REPORTERS, INC.

"By Water All Things Find Life"

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