MEETING MINUTES
BOARD OF WATER SUPPLY
Thursday, February 25, 2016

The Board of Water Supply, County of Kaua‘i, met in regular meeting at the Board Conference Room in Līhu‘e on Thursday, February 25, 2016. Chair Laurie Ho called the meeting to order at 10:05 a.m. The following Board members were present:

BOARD:  Ms. Laurie Ho, Chair
          Mr. Clyde Nakaya, Vice Chair
          Mr. Sherman Shiraishi
          Mr. Wally Rezentes, Jr.
          Mr. Michael Dahilig (entered meeting @ 10:13 a.m.)

EXCUSED:  Mr. Larry Dill

Quorum was achieved with 4 members present at the time of roll call.

STAFF:  Mr. Eddie Doi
         Ms. Marites Yano
         Mr. Dustin Moises
         Mr. Keith Aoki
         Ms. Kim Tamaoka
         Mr. Jeff Mendez
         Ms. Sandi Nadatani-Mendez
         Mr. Val Reyna
         Mr. Carl Arume

GUEST(s):  Mr. Gregg Enright, General Manager, Waimea Plantation Cottages
           Ms. Regina Flores
           Ms. Anne Parrott
           Ms. Rose Navea
           Ms. Fay Tateishi
           Mr. Lance Nakata
           Mr. Chris Nakamura
           Ms. Christine Erorita
           Deputy County Attorney, Andrea Suzuki

ACCEPtANCE OF AGENDA
Chair Ho rearranged the Agenda to move up the following Agenda items:
➢ H. #1 & #2 New Business – Manager’s Report No. 16-33 & No. 16-34
➢ H. #8 New Business – Manager’s Report No. 16-40
➢ I. #2 Staff Report – Report by the Public Relations Specialist on Public Relations Activities
➢ E. #2 Correspondence from Mr. Gregg Enright, General Manager, Waimea Plantation Cottages, LLC., Kikiaola Land Company, located on 9400 Kaumuali‘i Highway, Waimea, Kaua‘i, Hawai‘i received February 12, 2016 regarding Adjustment of Bills for Undetected Leaks and Unforeseen Damages Appeal

Mr. Shiraishi moved to approve the reorder of the Agenda by Chair Ho; seconded by Mr. Nakaya; with no objections, motion carried with 4 ayes.

Commission Support Clerk added corrections to the Agenda as follows:
New Business No. 1 – Manager’s Report No. 16-33 Resolution No. is 16-06
New Business No. 2 – Manager’s Report No. 16-34 Resolution No. is 16-07
Staff Reports – Report of the BAB pay down as of January 2016
At 10:13 a.m., Mr. Dahilig entered the meeting.

H. NEW BUSINESS

1. Manager’s Report No. 16-33 - Request Board Approval of Resolution No. 16-XX06, (2/16), Employee of the Year, Lance Nakata, Water Plant Operator I, Operations Division

Chief of Operations, Mr. Reyna read Resolution 16-06 Employee of the Year, Lance Nakata followed with a photo op with the Board members and Operations staff.

Mr. Nakaya moved to approve Manager’s Report No. 16-33 - Request Board Approval of Resolution No. 16-XX06, (2/16), Employee of the Year, Lance Nakata, Water Plant Operator I, Operations Division; seconded by Mr. Shiraishi; with no objections, motion carried with 5 ayes.

2. Manager’s Report No. 16-34 – Request Board Approval of Resolution No. 16-XX07, (2/16), Employee of the Year, Anne Parrott, Accountant III, Fiscal Division

Waterworks Controller, Ms. Yano read Resolution 16-07 Employee of the Year, Anne Parrott followed with a photo op with the Board members and Fiscal staff.

Mr. Nakaya moved to approve Manager’s Report No. 16-34 – Request Board Approval of Resolution No. 16-XX07, (2/16), Employee of the Year, Anne Parrott, Accountant III, Fiscal Division; seconded by Mr. Shiraishi; with no objections, motion carried with 5 ayes.

8. Manager’s Report No. 16-40 – Discussion and Possible Action on Revised Table of Organization for the Administration Division affecting FY2016-2017 Proposed Budget in the amount of $19,198.00

BACKGROUND:

Chief of Water Resources Mr. Doi recommended the Board approve the Revised Table of Organization (TO) to be submitted to the County Department of Human Resources (DHR) for position reallocation approvals. Departmental Public Relations Specialist (SR-20) to reallocate to a Public Information and Education Specialist (SR-24) and the Clerical Assistant (Community Relations) (SR-15) to reallocate to Information Specialist I (SR-18). No additional positions are being created. Original position descriptions are outdated and there are significant changes in the duties and responsibilities the two (2) positions currently perform. The funding budget increase requirements would be $19,198.00.

Mr. Doi explained that the reallocation will be sent to the DHR for review. The TO would be signed after DHR reviews the TO. Mr. Shiraishi was concerned if the reallocations are binding on the Board. He would like the reallocation vetted by the Finance Committee for next year’s budget. Missing for the Board’s review were the current job descriptions and proposed job descriptions for the reallocated positions. The reallocations should be in line with the other county positions.

Mr. Shiraishi pointed out the Option on the personnel’s description of duties will be revised to accurately reflect the classification and work and responsibilities. Personnel will be classified and compensated on a level comparable to their counterparts in other county departments. Mr. Shiraishi wanted to see examples of other county department counterpart comparables.

Mr. Rezentes and Mr. Dahilig said the Department will recommend the reallocation but DHR will do a desk audit (review of duties) to determine if the duties and responsibilities are confirmed by the Department. Deputy County Attorney Suzuki mentioned DHR will compare job descriptions with other counties. If the duties are in line, DHR will approve it.
Mr. Shiraishi asked who pays for the Project Wet training? Public Relations Specialist, Ms. Tamaoka said a state grants pays for Project Wet. What is the benefit of Project Wet certification? Ms. Tamaoka commented the Department becomes the host institution for the state for the Project Wet program every year to keep the certification. If appears Department resources were being used to benefit other programs without a direct benefit to Kaua‘i.

Mr. Dahilig moved to approve Manager’s Report No. 16-40 – Discussion and Possible Action on Revised Table of Organization for the Administration Division affecting FY2016-2017 Proposed Budget in the amount of $19,198.00; seconded by Mr. Rezentes; with no objections; motion carried with 4 ayes, 1 nay (SS).

I. STAFF REPORTS
MONTHLY

2. Discussion and Receipt of the Report by the Public Relations Specialist on Public Relations Activities

Public Relations Specialist, Ms. Tamaoka highlighted the following:

1. Project WET Hawai‘i – A Memorandum of Understanding (MOU) is being drafted between the Department and the Storm Water Quality Branch and County of Honolulu.
2. The Department will be doing radio ads on FM97 regarding shut down notices to notify the public.

Mr. Dahilig moved to receive the Report by the Public Relations Specialist on Public Relations Activities; seconded by Mr. Rezentes; with no objections; motion carried with 5 ayes.

E. CORRESPONDENCE/ANNOUNCEMENTS

2. Correspondence from Mr. Gregg Enright, General Manager, Waimea Plantation Cottages, LLC., Kikiaola Land Company, located on 9400 Kaumuali‘i Highway, Waimea, Kaua‘i, Hawai‘i received February 12, 2016 regarding Adjustment of Bills for Undetected Leaks and Unforeseen Damages Appeal

Ms. Lori Nielsen-Lemm, Assistant General Manager and Larry Epham, Project Property Manager, Waimea Plantation Cottages provide their testimony.

Ms. Nielsen-Lemm provided a handout with photos on the depth of the broken main line that was discovered on two (2) different times. Because their bill amount continued to rise, they were able to follow the line to the massive break.

DISCUSSION:

Mr. Dahilig reviewed the correspondence in the packet which mentioned an appeal. He requested Deputy County Attorney Suzuki to educate the Board on the procedures for an appeal before testimony is continued. Part 1, Section VII of the Rules of the Board explains the appeal procedures and content for a petition. The procedures would help the Board make an appropriate decision. Deputy County Attorney Suzuki added that the petition lacked a statement of the specific rules of order in question and a memorandum of authorities, discussion of the reasons, including any legal authorities on the applicant’s position. A total of six (6) requirements are required in a petition.
The Board may can also sua sponte make their own declaratory rules upon its own motion or upon request without notice or hearing to terminate a controversy or to remove uncertainty in a general manner. If a petition is made, there is an option to hold a contested case hearing.

Mr. Dahilig understood the relief being sought after by the applicant but the Board needed the Administrative Rules justification on how to arrive at a decision. The Board should be given the rationale for the petition and an appeal must be submitted in writing. Mr. Dahilig wanted to know what authority the Board is under regarding an appeal to grant relief requested by the applicant.

Due to the non-conformance of the correspondence to the Administrative Rules for appeals, Mr. Dahilig moved to defer the correspondence from Gregg Enright, General Manager, Waimea Plantation Cottages and to refer the matter back to the applicant to revise the petition to conform to the Rules in Section VII; seconded by Mr. Shiraishi; with no objections, motion carried with 5 ayes.

D. MEETING MINUTES

Review and approval of:
Regular Board Meeting – January 28, 2016
Mr. Shiraishi moved to approve the Regular Board Meeting of January 28, 2016; seconded by Mr. Nakaya; with no objections; motion carried with 5 ayes.

Review and Receipt of Meeting Minutes from Transcripts:
Regular Board Meeting – April 26, 2012
Mr. Shiraishi moved to receive the Regular Board Meeting minutes of April 26, 2012; seconded by Mr. Nakaya; with no objections; motion carried with 5 ayes.

Regular Board Meeting – May 24, 2012
Mr. Shiraishi moved to receive the Regular Board Meeting minutes of May 24, 2012; seconded by Mr. Nakaya; with no objections; motion carried with 5 ayes.

Review and Receipt of Meeting Minutes from Executive Session Transcripts:
Executive Session - Rules Committee Meeting – December 8, 2011
Mr. Shiraishi moved to receive Executive Session - Rules Committee Meeting minutes of December 8, 2011; seconded by Mr. Nakaya; with no objections, motion carried with 5 ayes.

Executive Session – Regular Board Meeting - December 22, 2011 (Item I#2)
Mr. Shiraishi moved to receive Executive Session – Regular Board Meeting minutes of December 22, 2011 (Item I#2); seconded by Mr. Nakaya; with no objections, motion carried with 5 ayes.

Executive Session – Regular Board Meeting - December 22, 2011 (Item I#3)
Mr. Shiraishi moved to receive Executive Session – Regular Board Meeting minutes of December 22, 2011 (Item I#3); seconded by Mr. Nakaya; with no objections, motion carried with 5 ayes.

Executive Session – Regular Board Meeting – January 26, 2012
Mr. Shiraishi moved to receive Executive Session – Regular Board Meeting minutes of January 26, 2012; seconded by Mr. Nakaya; with no objections, motion carried with 5 ayes.

Executive Session - Special Board Meeting – December 15, 2011
Mr. Shiraishi moved to receive Executive Session - Special Board Meeting minutes of December 15, 2011; seconded by Mr. Nakaya; with no objections, motion carried with 5 ayes.
E. **CORRESPONDENCE/ANNOUNCEMENTS**
   1. Correspondence from Mr. Raymond J. McCormick, Highways Administrator, State of Hawai‘i dated February 8, 2016 regarding Mr. Lawrence Dill, Appointment as Ex-Officio Member of the Kaua‘i Water Board

Mr. Nakaya moved to receive the Correspondence from Mr. Raymond J. McCormick, Highways Administrator, State of Hawai‘i dated February 8, 2016 regarding Mr. Lawrence Dill, Appointment as Ex-Officio Member of the Kaua‘i Water Board; seconded by Mr. Shiraishi; with no objections; motion carried with 5 ayes.

F. **BOARD COMMITTEE REPORTS**
   None.

G. **OLD BUSINESS**
   1. *Manager’s Report No. 16-31 – Discussion and Possible Action on Table of Organization for the Operations Division affecting FY2016-2017 Proposed Budget in the amount of $4,160.48*

**BACKGROUND:**
Chief of Operations, Mr. Reyna recommended Board approval to retitle and reallocate previously Board approved reallocation for Maintenance Worker II Position No. 2487 (WS-9 to WS-11) and Maintenance Worker I, Position No. 2401 to Construction and Maintenance Worker II and Construction and Maintenance Worker I (BC – 9 to BC - 11). DHR came up with a lower step for the Working Supervisor to WS-10 and BC-10. Next FY2016-2017 budget increase includes the Fringe Costs of $4,160.48.

Mr. Shiraishi moved to approve *Manager’s Report No. 16-31 – Discussion and Possible Action on Table of Organization for the Operations Division affecting FY2016-2017 Proposed Budget in the amount of $4,160.48*; seconded by Mr. Nakaya; with no objections, motion carried with 5 ayes.

H. **NEW BUSINESS**
   3. *Manager’s Report No. 16-35 - Discussion and Possible Action on transferring funds from the DOW’s Capital Outlay Expansion to Capital Outlay Rehabilitation and Replacement Budget Item for the Funding of Redundancy of Virtual Servers in the amount of $299,800.00*

**BACKGROUND:**
Waterworks Information Tech. Officer, Mr. Mendez recommended the Board’s approved of Option 1 to replace the servers with new technology and replicated redundant servers will provide network uptime at or near 100%. This new technology will also move towards a paperless environment. The $190,000 expansion is for the Web-Based GIS Viewer and Mapping Layers in-house. The server is through Dell computers that was pre-approved.

Mr. Shiraishi moved to approve *Manager’s Report No. 16-35 - Discussion and Possible Action on transferring funds from the DOW’s Capital Outlay Expansion to Capital Outlay Rehabilitation and Replacement Budget Item for the Funding of Redundancy of Virtual Servers in the amount of $299,800.00*; seconded by Mr. Nakaya; with no objections, motion carried with 5 ayes.

   4. *Manager’s Report No. 16-36 - Discussion and Possible Action on the Funding of Upgrading Switches, Telephone Configurations, and Upgrading of Fiber affecting FY2016-2017 Proposed Budget in the amount of $70,000.00*
BACKGROUND:
Waterworks Information Tech. Officer, Mr. Mendez recommended the Board approve Option 1 and its funding. A portion of the capital expenditure is currently budgeted for FY2015-2016. Unexpended funds is recommended from this account.

Option 1 includes the new fiber being pulled will match the fiber being pulled between the lab and new building. Network switches between all buildings will be rated to match the speed of the new fiber runs. Network will handle voice and data traffic much more quickly and efficiently, which will be necessary for replication of our virtual servers. The Single-Mode fiber can currently support 10Gbps, and will support higher speeds in the future. In other words, the investment in Single-Mode fiber will ‘future-proofs’ our network. This essentially increases building-to-building communication speeds by a factor.

Mr. Shiraishi moved to approve Manager’s Report No. 16-36 - Discussion and Possible Action on the Funding of Upgrading Switches, Telephone Configurations, and Upgrading of Fiber affecting FY2016-2017 Proposed Budget in the amount of $70,000.00; seconded by Mr. Nakaya; with no objections, motion carried with 5 ayes.

5. Manager’s Report No. 16-37 – Discussion and Possible Action to approve a Right of Entry Agreement for Koloa Wells “16A”, “16B”, and “E”, affecting the Following Landowners in Kōloa, Kaua’i, Hawai’i
   a. Grove Farm Properties, Inc. of TMK: (4) 2-8-002:001, Kōloa, Kaua’i, Hawai’i

BACKGROUND:
Civil Engineer, Mr. Aoki recommended the Board approve the Right of Entry (ROE) for existing Kōloa Well sites “16A”, “16B”, and “E”. The Department’s lease with Grove Farm has expired.

A proposed new lease is being drafted by Grove Farm and a ROE agreement would allow the Department to enter the property. The Department will amend the ROE agreement to include time and to allow contractors to enter the property.

DISCUSSION:
Deputy County Attorney Suzuki added indemnification clauses come to the Board and if something goes wrong, the Board would have to pay. This is not tracked in accounting and is not listed as a liability. Going forward, a policy would be made to suggest a blanket approval for certain agreements with indemnifications.

Mr. Rezentes moved to approve Manager’s Report No. 16-37 – Discussion and Possible Action to approve a Right of Entry Agreement for Koloa Wells “16A”, “16B”, and “E”, affecting the Following Landowners in Kōloa, Kaua’i, Hawai’i, a. Grove Farm Properties, Inc. of TMK: (4) 2-8-002:001, Kōloa, Kaua’i, Hawai’i; seconded by Mr. Nakaya; with no objections, motion carried with 5 ayes.

6. Manager’s Report No. 16-38 – Discussion and Possible Action on Amendment to Part 5, Facilities Reserve Charge Section III, Rules of the Board of Water Relating to Multi-Family Dwelling Units

BACKGROUND:
The Department received a memorandum from Mr. Dahilig and Mr. Rezentes addressed to the Board Chairperson. The memorandum proposed amendments to Part 5 of the Department’s Rules and Regulations on how the Facilities Reserve Charge (FRC) is assessed for multi-family units, additional dwelling units with existing meters on the parcel and affordable housing units.
Mr. Doi commented the Department has not performed any work to identify or evaluate the issues associated with this Rule change.

**DISCUSSION:**
Mr. Shiraishi is in agreement with the relief for affordable housing but had questions on the rationale for Section 3, 3(c) and 3(d).

Mr. Dahilig explained the purpose of the other amendments. From the Department’s standpoint, it is to allow on the market, different types of multi-use products. A single family and multi-family residence under the current FRC rules may not fit the usage under new codes being passed by the County Council. A discussion needs to be started to consider a multi-family residence but may operate as a single family residence and to consider what is the fair charge.

Mr. Shiraishi moved to defer **Manager’s Report No. 16-38** – Discussion and Possible Action on Amendment to Part 5, Facilities Reserve Charge Section III, Rules of the Board of Water Relating to Multi-Family Dwelling Units to the next meeting to give the Department ample time to respond and to report back to the Board to evaluate and clarify on the proposed Rules and for further discussion with Mr. Dahilig and Mr. Rezentes, Jr.; seconded by Mr. Dahilig; with no objections, motion carried with 5 ayes.

7. **Manager’s Report No. 16-39** – Request for Board Approval on the proposed and revised Table of Organization for the Construction Management Division affecting FY2015-2016 Budget in the Amount of $30,684.00 and the Proposed FY2016-2017 Budget in the Amount of $146,160.00

A revised Page 1 of Manager’s Report No. 16-39 was distributed to the Board.

**BACKGROUND:**
Mr. Moises noted the Fringe Cost is 51.4% with a budget increase for FY2016-2017 of $143,600 on revised page 1 of his report. He recommended the Board approve the proposed Construction Management Table of Organization to fund the Project Assistant (Position #2351) with remaining FY2015-2016 funds and permanently create an Engineering Program Assistant position to be funded in the FY2016-2017 budget. The Project Assistant is already approved by DHR for posting and the Engineering Program Assistant will be reviewed by DHR.

Mr. Shiraishi moved to approve **Manager’s Report No. 16-39** – Request for Board Approval on the proposed and revised Table of Organization for the Construction Management Division affecting FY2015-2016 Budget in the Amount of $30,684.00 and the Proposed FY2016-2017 Budget in the Amount of $146,160.00; seconded by Mr. Rezentes; with no objections, motion carried with 5 ayes.

9. **Manager’s Report No. 16-41** - Discussion and Possible Action on Revised Table of Organization for the Fiscal Division affecting FY2016-2017 Proposed Budget in the amount of $57,784.00

**BACKGROUND:**
Ms. Yano recommended the Board’s approval on the revised Table of Organization affecting FY2016-2017 for one (1) Janitor II position for FY2016-2017 proposed budget. A concern was raised when only Janitor is on leave and the Department is left without a back-up and cleanliness, health and safety is compromised.
Mr. Shiraishi moved to approve *Manager’s Report No. 16-41* - Discussion and Possible Action on Revised Table of Organization for the Fiscal Division affecting FY2016-2017 Proposed Budget in the amount of $57,784.00; seconded by Mr. Dahilig; with no objections; motion carried with 5 ayes.

I. **STAFF REPORTS**  
   **MONTHLY**
   1. Discussion and Receipt of the Kaua‘i County Water Department’s Statement of Revenues and Expenditures  
      a. January Monthly Summary Budget

Waterworks Controller, Ms. Yano highlighted the following:

1. **Fiscal Initiatives** – A new water study will be started. A Water Rates 101 Workshop will be presented to the Board by consultants in mid-March or April. A workshop meeting date was determined after the meeting.

Mr. Nakaya moved to receive Discussion and Receipt of the Kaua‘i County Water Department’s Statement of Revenues and Expenditures, a. January Monthly Summary Budget; seconded by Mr. Shiraishi; with no objections, motion carried with 5 ayes.

*At 11:19 a.m., CN exited the meeting.*

3. **Discussion and Receipt of the Chief of Operation’s Summary Report on Operational Activities**

Chief of Operations, Mr. Reyna highlighted the following:

1. **Monthly Water Produced, Customer Meter Read and Water Loss Comparison for Calendar Year 2015-2016** - The water loss for January 2016 was 52.254 (KGals.) at $1,277 per MG lost revenue based on wholesale production cost. Retail cost would be difficult because tiers have to be considered. The chart reflects a 12 month running total. The ±$850K loss is consistent with the water audit.

Operations will be aggressive with the leak detection program. A long running leak was found in Hanapēpē with new technology. The leak did not surface and possible loss of water is 1 MG.

Mr. Shiraishi moved to receive the Chief of Operation’s Summary Report on Operational Activities; seconded by Mr. Rezentes; with no objections, motion carried with 4 ayes.

4. **Discussion and Receipt of the Manager and Chief Engineer’s Monthly Update Regarding Activities of Note of the DOW**

Chief of Water Resources & Planning, Mr. Doi presented the Manager and Chief Engineer’s Monthly Update Regarding Activities of Note of the DOW to the Board.

**DISCUSSION:**

Mr. Doi commented on the Capital Improvement Projects (CIP) for the 2016 Legislature which is moving through the legislative process. Final determination of the CIP $12.5M requested will be at the end of the legislative session.

Mr. Dahilig moved to receive the Manager and Chief Engineer’s Monthly Update RegardingActivities of Note of the DOW; seconded by Mr. Shiraishi; with no objections; motion carried with 4 ayes.

   a. Report of the BAB pay down as of January 20156
Mr. Dahilig moved to receive the Report of the BAB pay down as of January 2016; seconded by Mr. Shiraishi; with no objections; motion carried with 4 ayes.

J. **EXECUTIVE SESSION**

*Pursuant to H.R.S. §92-7(a), the Board may, when deemed necessary, hold an executive session on any agenda item without written public notice if the executive session was not anticipated in advance. Any such executive session shall be held pursuant to H.R.S. §92-4 and shall be limited to those items described in H.R.S. §92-5(a).*

K. **TOPICS FOR NEXT WATER BOARD MEETING** *(March 2016)*

1. Draft Budget for Fiscal Year 2016-2017
   a. Fiscal Year 2016 - 2017 – Draft Operating Budget
   b. Fiscal Year 2016 - 2017 – Draft Capital Outlay Budget
2. New Board Policy proposed draft language for Delegating Routine actions from the Water Board to the DOW’s Manager and Chief Engineer regarding Right of Entry
3. *Manager’s Report No. 16-38 – Discussion and Possible Action on Amendment to Part 5, Facilities Reserve Charge Section III, Rules of the Board of Water Relating to Multi-Family Dwelling Units*

*At 11:23 a.m., Mr. Nakaya re-entered the meeting.*

L. **TOPICS FOR FUTURE WATER BOARD MEETINGS**

1. Discussion and Possible Action on the Manager and Chief Engineer’s goals for July 2016 – June 2017 *(April 2016)*
2. Discussion and Possible Action on Board Policy regarding Proposed Delegation of a Meter Restriction
3. Discussion and Possible Action on Board Policy regarding Providing Water Service Outside of the Water Zone

M. **UPCOMING EVENTS**

1. AWWA, Chicago, IL *(June 19 -22 2016)*
2. Project Wet – Make a Splash *(September 22, 2016)*
3. HWWA, Hawai’i Section, Maui, HI *(November 2 – 4, 2016)*

N. **NEXT WATER BOARD MEETING**

1. Thursday, March 31, 2016 – *Rate Study 101 Workshop* – 9:00 a.m.
2. Thursday, March 31, 2016, 12:00 p.m. *(New time)*
3. Thursday, April 28, 2016, 10:00 a.m.
4. Thursday, May 26, 2016, 10:00 a.m.

Mr. Dahilig thanked Mr. Doi for filling in for Manager Saiki at this meeting.

O. **ADJOURNMENT**

Mr. Dahilig moved to adjourn the Regular Board Meeting at 11:24 a.m.; seconded by Mr. Rezentes; with no objections, motion carried with 5 ayes.

Respectfully submitted,

Edie Ignacio Neumiller
Commission Support Clerk

Approved,

Sherman Shiraishi
Secretary – Board of Water Supply