

MEETING MINUTES
BOARD OF WATER SUPPLY
April 26, 2019

The Board of Water Supply, County of Kaua'i, met in regular meeting at the Board Conference Room in Lihu'e on Friday, April 26, 2019. Acting Chair Ka'aina Hull called the meeting to order at 10:00 a.m. The following Board members were present:

BOARD: Mr. Ka'aina Hull (*Acting Chair*)
Mr. Lawrence Dill
Mr. Elesther Calipjo
Mr. Kurt Akamine (*sworn in before the meeting*)

EXCUSED: Mr. Thomas Canute, *Chair*
Ms. Laurie Ho

Quorum was achieved with 4 members present at Roll Call.

STAFF: Mr. Bryan Wienand Mrs. Sandi Nadatani-Mendez
Mr. Valentino Reyna Mr. Eric Fujikawa
Mr. Dustin Moises Mrs. Marites Yano
Mr. Keith Aoki Mrs. Mary-jane Akuna
DCA Mahealani Krafft

GUESTS: Councilwoman Felicia Cowden
Mr. Lyle Tabata, Deputy County Engineer
Ms. Melissa Fisher, The Nature Conservancy/Kaua'i Watershed Alliance
Mr. Allan Rietow, The Nature Conservancy/Kaua'i Watershed Alliance
Mr. Chipper Wichman, Member Kaua'i Watershed Alliance
Mr. Hall Parrott, Private Citizen

C. ACCEPTANCE OF AGENDA

Mr. Dill moved to approve the Agenda as distributed; seconded by Mr. Akamine; with no objections, motion carried with 4 ayes.

D. MEETING MINUTES

Review and approval of:

Regular Board Meeting – March 22, 2019

Mr. Calipjo moved to approve the Regular Board Meeting minutes of March 22, 2019; seconded by Mr. Dill; with no objections, motion carried with 4 ayes.

E. CORRESPONDENCE/ANNOUNCEMENTS

None.

F. BOARD COMMITTEE & PERMITTED INTERACTION GROUP REPORTS

1. Report of the Finance Committee of the Kaua'i County Board of Water Supply
 - Draft Budget for Fiscal Year 2019-2020
 - a. Fiscal Year 2019 - 2020 – Draft Operating Budget
 - b. Fiscal Year 2019 - 2020 – Draft Capital Outlay Budget

BACKGROUND:

Mr. Dill reported that the Finance Committee meeting met four times in April (1st, 5th, 10th, & 15th). He thanked Mr. Calipjo and Mr. Hull for their presence and support during the Finance meeting as well as Waterworks Controller Mrs. Yano and the staff for their hard work on the budget. Mr. Dill and the

Finance Committee recommended to the Board the approval of the proposed Budget and the Operating Budget and Capital Outlay Budget FY 2019-2020.

Received for the Record

G. OLD BUSINESS

Draft Budget for Fiscal Year 2019-2020

- a. Fiscal Year 2019 - 2020 – Draft Operating Budget
- b. Fiscal Year 2019 - 2020 – Draft Capital Outlay Budget

DISCUSSION:

Acting Chair Hull mentioned that two Board members were not present at this meeting and there has been substantial discussion during the Finance Committee meetings that needs to be brought before the full Board. He asked if this Agenda item could be deferred until the full Board is present. Manager Wienand agreed and mentioned three specific items in today's Agenda that will be discussed. Depending on the Board's action today, the budget would get updated. The specific items include 1) the new proposed IT position (present at the May Board Meeting with the final IT Strategic Plan), 2) Kaua'i Watershed Alliance (KWA) presentation in today's Agenda regarding the funding that would update the budget and 3) the Emergency Reserve Fund \$1M insurance deductible (on how it is treated in the budget relating to an updated proposed Board Policy No. 26). Manager Wienand wanted to give the Board the opportunity to weigh in on these items to update the budget approval in May.

Mr. Dill said by moving the budget to May or June, the budget would be approved to address and discuss the three items in today's meeting. Acting Chair Hull said this discussion will come up again since there were only four Board members present for this Board meeting. Since KWA is present at this meeting, Mr. Dill changed his recommendation to have the KWA do their presentation.

Mr. Dill moved to rearrange the Agenda to move up Item G, No. 3 Manager's Report 19-48 Resolution 19-13 Mahalo and Aloha Board Member, Lyle Tabata before proceeding with the Agenda; seconded by Mr. Akamine; with no objections, motion carried with 4 ayes.

3. Manager's Report No. 19-48 - Resolution 19-13 (4/19) Mahalo and Aloha Board Member, Lyle Tabata

Manager Wienand read Mr. Tabata's Mahalo Resolution followed by a photo op with the Board members. Mr. Tabata thanked everyone for the opportunity to serve on the Board. He added it was an experience that he will never forget. Mr. Tabata added by saying "to all of the new members who came after him, sometimes it become a heavy burden."

Mr. Dill moved to approve and adopt Manager's Report No. 19-48 - Resolution 19-13 (4/19) Mahalo and Aloha Board Member, Lyle Tabata; seconded by Mr. Akamine; with no objections, motion carried with 4 ayes.

G. OLD BUSINESS (cont'd)

Draft Budget for Fiscal Year 2019-2020

- a. Fiscal Year 2019 - 2020 – Draft Operating Budget
- b. Fiscal Year 2019 - 2020 – Draft Capital Outlay Budget

Mr. Dill deferred G a. & b., seconded by Mr. Akamine; with no objections, motion carried with 4 ayes.

1. Manager's Report No. 19-40 (Update) - Discussion and Possible Action to Rescind Existing Board Policy No. 12 for Retention Periods and Destruction of Fiscal Division Records

BACKGROUND:

Manager Wienand mentioned that there is an existing Board Policy No. 12 that handles retention and destruction of fiscal records which has been in effect since 1971. Two main items are addressed in the policy regarding 1) division records shall be retained for periods of time as shown on the schedule and 2) destruction in accordance with Section 46-43 HRS. The Department has a Standard Operating Procedure (SOP) #25 which deals with records, retention and destruction from 1971 which references language that was from HRS at that time. HRS 46-31 has been updated as listed in the Manager's Report. Manager Wienand said the County Council adopted a Resolution in 2008 which handles records disposal. Currently Board Policy No. 12 and SOP #25 are outdated which conflict with an approved County Resolution.

The recommendation is from a previous Manager's Report in February that Board Policy 12 be amended and consistent with the County of Kaua'i Resolution No. 2008-39 and consistent with HRS 46-43 and SOP #25 be rescinded (refer Board packet, Page 208). Manager Wienand said the proposed policy reads "All government records of the Board of Water Supply and Department of Water shall be retained, at a minimum, for periods of time in accordance with Kaua'i County Council Resolution No. 2008-39. All government records which have been retained for the required minimum periods of time may be destroyed in accordance with Kaua'i County Council Resolution No. 2008-39."

DISCUSSION:

Mr. Dill commented that SOP #25 will be disposed. Manager Wienand said the updated Manager's Report Option 1 should read ... subsequently update its internal SOP #25 -- should be subsequently rescind (not subsequently update).

Mr. Hall Parrott, Private Citizen provided his testimony.

Mr. Hall does a lot of research from what went on before and has stacks of papers at his house. Information is also available to him through computers. He hopes that all of this is reduced to a computer record and that these records would be maintained in perpetuity. This has hindered him on some researches that he has referred back to. Mr. Hall has been dealing with paper documents going back to 1950 and wishes he could access documents. He asked the Board to please consider keeping a computer record on what is going on since most of this is already digitized.

Acting Chair Hull asked the Manager to what extent are Department of Water's (DOW) records digitized? Manager Wienand said the intent on the County Resolution and HRS 46-43 addresses which specific durations for retention are required based on the nature of documents. The Department would be in line with the County Resolution and HRS 46-43 depending on the nature of the document on how long it should be retained. With digitized records, the Department tries not to retain anything that is not required for storage that cost money. It's important to keep what the Department needs for historical records.

Mr. Hall mentioned the Geographic Information System (GIS), IT's long range strategy and asked if there is digitized component to these items? Information Technology Specialist Ms. Nadatani-Mendez said the Department uses SharePoint.

Mr. Dill requested a follow up report on this public testimony about records that will be kept digitally in perpetuity. He agrees along with Manager Wienand with cleaning house but certain records should be kept.

Mr. Dill moved to approved Option No. 1: to amend existing Board Policy No. 12 (attachment #2) for Retention Periods and Destruction of Fiscal Records to rescind internal SOP #25; seconded by Mr. Akamine; with no objections, motion carried with 4 ayes.

2. Manager's Report No. 19-47 (Update) – Discussion and Possible Action for Board Approval to enter into a Memorandum of Agreement between the Department of Public Works, County of Kaua'i and the Board of Water Supply, County of Kaua'i for the County's Kahiliholo Road Culvert Repair Project and expenditure of funds in the amount of \$44,100.00

BACKGROUND:

Manager Wienand gave a summary on the historic flood from last year which resulted in an emergency repair project at Kahiliholo Road that required repairs from the Department of Water (DOW) and Department of Public Works (DPW). The repairs would be done as one project and DPW was the lead agency which will be responsible in submitting a reimbursement request to FEMA. The Memorandum of Agreement (MOA) was finalized this week and distributed to the Board members for approval (MOA was "Received for the Record"). The MOA would reimburse the County 25% of the invoices for the cost of the waterline repairs if submitted within 60 days. If FEMA reimburses the County the remaining 75%, DOW would no longer be required to submit any additional reimbursement to the County. He added that if FEMA determines that the County is not eligible to recoup the 75% reimbursement, then the DOW would reimburse the County the remaining 75%. The DOW would be responsible for the cost of waterline work but DPW is the lead agency with the manpower, resources and funds. Manager recommended Option 1 for the Board to approve the MOA and expenditure of up to the total amount of \$44,100.00. It is anticipated that FEMA would reimburse the County the remaining 75%.

Mr. Dill moved to approve Option 1 (expenditure of \$44,100.00) and requested that the Department report back to the Board on the FEMA reimbursement re: Manager's Report No. 19-47 (Update) – Discussion and Possible Action for Board Approval to enter into a Memorandum of Agreement between the Department of Public Works, County of Kaua'i and the Board of Water Supply, County of Kaua'i for the County's Kahiliholo Road Culvert Repair Project and expenditure of funds in the amount of \$44,100.00; seconded by Mr. Akamine; with no objections; motion carried with 4 ayes.

4. Manager's Report No. 19-49 - Resolution 19-14 (4/19) Mahalo and Aloha Board Member, Beth Tokioka

Mr. Dill moved to approve Manager's Report No. 19-49 - Resolution 19-14 (4/19) Mahalo and Aloha Board Member, Beth Tokioka; seconded by Mr. Calipjo; with no objections; motion carried with 4 ayes.

H. NEW BUSINESS

1. Manager's Report No. 19-54 - Discussion and Possible Action for funding in the Fiscal Year 2019-2020 Budget for the Nature Conservancy in the amount of \$250,000.00

BACKGROUND:

Manager Wienand provided a brief background on this item before Kaua'i Watershed Alliance (KWA) did their presentation. DOW have been a members with KWA since 2003. DOW has provided financial

support for The Nature Conservancy (TNC) as the coordinator for the benefit of KWA. Abundant fresh water and clean air are nature's greatest resource and TNC efforts are vital to protecting native forests on Kaua'i and preserving natural resources.

Table 1: Funding from the Board of Water Supply for the Nature Conservancy (Page 219) – This table reflects the historical funding amounts from the Board of Water Supply (BWS) for TNC. Manager Wienand indicated that for the past three years, DOW provided \$200,000 annually to support their efforts. The primary funding request from KWA is for \$250,000. The number in the budget was a number in between those two amounts which was flagged for discussion regarding the request for increased funding.

The Department's recommendation is for the Board to approve the request for \$250,000 this fiscal year for TNC. Typically KWA appears before the Board in August to present their work. The request for additional funds and an overview today was for the benefit of the new Board members.

At 10:30 a.m., Mr. Calipjo exited the meeting.

At 10:32 a.m., Mr. Calipjo re-entered the meeting.

***Ms. Melissa Fisher, Director for the Kaua'i Forest Program for TNC,
Mr. Allan Rietow, TNC Field Representative representing the Coordinators, and
Mr. Chipper Wichman, Member of KWA provided their testimony.***

PowerPoint presentation was "Received for the Record."

Ms. Fisher mentioned that Manager Wienand is a DOW member of the KWA and attends the KWA meetings. She presented the Board a history on the work they do and why they do this work. She went over the following key dates; 2003/Membership was formed, 2003 – 2005/Management Plan written, 2005/a Coordinator was selected and 2012/Management Plan was updated; the next updated is 2019. KWA is a non-fiscal agency and raising money was part of the budgeting process to make the work happen in the management plan.

There are 12 members, 11 landowners and the Department of Water, County of Kaua'i is shown on the map slide. A cross hatch area is designated by the State as Priority 1 a watershed area. As the coordinator, they can cross over landowner boundaries to complete work projects in these areas. Ms. Fisher added that no matter who the landowner is, water has no boundaries. Native forests are efficient at capturing water as well as threatened by damage by invasive animals and invasive weeds. Without management and protection of these conduits to capture fresh water, the animals will damage the forest over time. The water can no longer filter down to refill the aquifers. From research, non-native forests are linked to 30% to 40% increase in Avapro transpiration rates compared to the native forest. The native forest is a better conduit to collect water. If you have an invasive forest, you would not capture as much fresh water over time. Ms. Fisher added that the longer the forest is unprotected, it will be costly and difficult to have the forest restored.

The KWA management plan outlined projects to protect the island; high recharge areas. Ms. Fisher stated that the State recognized this as their Priority 1 watershed areas when they came up with their rainfall forest plan. The United States Geological Survey (USGS) came up with maps across the islands where there is water recharge and to identify the highest level recharge areas. The current fenced units and the mega gallons per day (MGD) are captured in these areas. The Kanaele area is a low elevation Bog above Kahaleo and the Kahili Mountain area. The slide chart for the units shows the planning phase. Within the next 5 to 10 years, they will be able to actively manage these areas for fencing on the next phase. The Drinking Glass & Koai'e are currently funded through the Capital Improvement Project (CIP) funds through the State. Ms. Fisher said they are in the Request for Proposal process and assisting the State who

is running the contract to manage the projects on the ground and construction should start this July. By adding all of the KWA management units is 60% of the island's recharge. The previous charts show what KWA is managing in the center of the island. Ms. Fisher explained the white dotted lines are 13 miles of fencing and the green dotted lines are in process of 5.5 miles of fencing.

Work is divided into three phases: 1) planning phase, 2) active management phase/includes fencing shown in the white dotted lines on the map, then it moves to 3) a monitoring and fencing phase. Key areas are protected by fence construction and maintenance, ungulate control, weed control and monitoring. To protect an area is to 1) plan the project, 2) fundraising to the steps of strategic fence lines in the planning phase and 3) building fences which is the best way to protect an area. If there is an open system and taking animals out to protect the forest, the animals could keep coming back in and it costs over time. The fenced units have one way gates with footage of the animals leaving the fenced units and moving into State lands into the hunting area. The forest is pristine but they still have to do invasive control by monitoring those areas. Invasive weeds are removed but some of the weeds are spread by wind and continued sweeps and monitoring are done. In the monitoring phase, game cameras are installed with aerial imagery to help monitor thousands of acres.

Quarterly monitoring and fence checks are done to keep an eye on those areas and recently in the east Alakai, it ties into natural barriers (fences were done in 2012). Wainiha Valley and Waialeale ties in with the natural barriers that have worked for years. A few years ago, she tested a drone by flying it in front of the team on a fence check and pigs were caught inside the fence. They had to decide how they were going to remove the pigs. Where is the barrier they thought was there which is no longer secure. They had to build a fence to seal off that area. Ms. Fisher showed a video of a fenced area and the location of the pig that was walking away. The team looks for pigs on both sides of the fence and what the team saw helped them figure out where the pig was coming from and eventually removed the pig.

Eleven years ago, the organization started with six staff and continue to have the same amount of staff. In 2008, Ms. Fisher first started in the management area when the first fence was constructed in Kanaela Bog in Kalāheo that protects 70 acres. Currently there are 7,000 acres to protect with a team of six who does a lot of work. Within the last five years, two AmeriCorp members were added through an internship program who works 10 months at a time. AmeriCorp members are taught skills with Geographic Information System (GIS) working in remote forested areas. Finance and Admin. support is from the O'ahu team and oversight from TNC World Office in Washington, D.C. Ms. Fisher said they rely on the KWA members who attend the quarterly meetings by taking about their work to get feedback for next steps. TNC does not own any land on Kaua'i which is a different model where TNC works. Local contractors assist in monitoring to get the work done and rely on technology which is a key to expand a small group of people to protect thousands of acres.

The work area is very remote which can only be accessed by helicopter. The team works three to four days at a time and sometimes they are on the radio with Ms. Fisher asking to get them out because the area is wet and cold. The team needs to see the work areas when the team is not in the work areas by camera. As a result, Ms. Fisher worked with a local electrical engineer and the IT staff to get assistance with cameras to see the work areas. Their office is located behind St. Michael's Church (Līhu'e) where they have the direct line of sight of the top of Waialeale. A radio connection could be set up to the summit (10 miles). Naauo Ridge (5 mile jump) has another radio system and camera that drops down to Wainiha Valley to set up a camera in the ingress areas. The large camera system and radio communicates to the office that goes into the computer network. This is a trail camera and the system is on Naauo Ridge with solar panels. A remote trap was set up with this system. The trap can be triggered and monitored from the office to drop the gate to see when animals move into the baited trap. The next phase is to create a network system that doesn't talk to the office while they are in the field and sets the trap instead to relay to their camp to monitor.

A contractor from O'ahu assists in monitoring a unit with the field team to keep the areas secure. The contractors will sweep through an area to spot animals. [inaudible] area where the fence check is, it would take the team in 2,000 acres, two trips (two full weeks) which includes set up, prep and clean up with at least two people to walk the monitoring trap sets and to check on native plants. Drones supplement the team by mapping the Kanaela Bog area. The Drones are programmed to fly a grid to take clear photos to monitor the unit at 400 ft., 200 ft., and 40 ft. Within five years, if something is growing in an area that wasn't there before, it can be researched to what is it and how did it get there.

Another mapping technology is with Resource Mapping Hawai'i in which a plane with a camera is positioned in Wainiha Valley. They pulled a map of the land and counted all the Australian tree ferns which were treated with a tiny drop of herbicide in the center and mark it with a dye. The Australian tree fern is highly invasive and spreads by wind spore and crowds out all native plants. Underneath there will be Australian tree fern but all the native plants will die. Invasive plants would cause the runoff and erosion. Four weeks ago, testing was done to treat the Australian tree fern developed by a helicopter company to use a non-herbicide. A test clock barrel which is heavy was done in Wainiha and lowered to each Australian tree fern which has a cutting mechanism in the center that chops off the center growing tip of the tree fern which eventually dies. Monitoring is done 3 and 6 months to make sure the tree is dead. These technologies are kept up to save money and reduce costs.

TNC raises all the money to get the work done with a budget about \$1M per year since Ms. Fisher started. The fences are not included in the base budget. Planning of an area, active management and monitoring will need to increase if monitoring is to continue and if acreage is increased. CIP funds the fish and wildlife, the Feds and private donations fund the fence. Each year a base budget is raised which allows to fundraise during the actual fiscal year for a certain amount. \$700,000 is required to raise prior to the next fiscal year. In January when budgeting is done, Ms. Fisher has to show that they have the base budget that includes the DOW's funding for several years. Ms. Fisher works on the \$300,000 during the year with public funding, private foundations and individuals, at the same time raising \$700,000; multi-year grants are also helpful.

The work in the mountains, away from the people of Kaua'i and away from the pipes and faucets, is what gets the water homes and businesses which is hard to relate to. The native forest is the conduit to capture the water which filters to the aquifers for the pipes for homes and businesses within 20 years. Water from the faucet is old that was filtered down for years. If the top of the mountain is clean, there will not be a lot of erosion and sediment coming down which is a protection of the streams.

There is growing evidence from researchers that support fresh water protection to ensure fresh water security across all the islands in the drinking water and aquifers for the island. There is new research with USGS that is protecting the watersheds and is a critical piece of Kaua'i's water security future.

Climate change and weather patterns are disrupted around the world. Last year there was over 500 inches of rain at the summit of Waialeale and the extreme flooding in April on the north shore. A reduction of rain on Waialeale down reached 300 inches of rain per year and has lessened over time. Protecting the forest will help to mitigate both the unprecedented weather events happens more often and long periods of drought.

Ms. Fisher commented that the KWA members are securing the drinking water on Kauai who have opened their lands and opportunity for the State and County to secure the source of water. The work that is done in the fresh water forest will help with the security, abundance and availability future generations. She thanked KWA and DOW to help fund this important work in the mountains for the entire island.

Mr. Allan Rietow [inaudible] has seen a lot happen since 2001 and there are two stakeholders including the DOW. Mr. Chipper Wichman was present to explain on how important this project is to the community and the children of the future. Mr. Rietow thanked the Department and Mr. Wichman for taking time to provide support in the native forest.

Mr. Wichman has spent 40 years to protect the native forest and has always worked in the cycles called property lines. KWA has worked across property lines and the eco system with results that are beyond what has been imagined. On one of the map slide, he pointed out that it is a very rugged terrain to protect. The management plan is very ambitious and would need to be implemented. TNC has been finding sources to implement the plan, even during the recession, the projects continued. Fencing was done at great rates because people were willing to give a better deal. Mr. Wichman has the highest regard from an ecosystem standard point because KWA's accomplished work through TNC as a coordinator is incredible. Critical fences are planned for the coming years and hopefully funding will come through. Mr. Wichman acknowledged Board Member Dill who previously worked at Princeville and served on KWA when Mr. Wichman was the Chair. He also thanked Manager Wienand who entertained funding for KWA for this fiscal year as a solid partner with DOW.

DISCUSSION:

Manager Wienand shared an exciting development discussed at the last quarterly meeting that University of Hawai'i (UH) will undertake a study that will quantify ground water recharge and correlate that with return on investments. The challenge with funding is knowing that in 20 years, the public will see the benefit of the work and the dollars that are invested. Quantifying is helpful including the science and data catching up to prove it. It's important to work across property boundaries. Manager Wienand thanked Ms. Fisher, Mr. Rietow and Mr. Wichman for attending the meeting.

Acting Chair Hull had a question on Option 1 to approve \$250,000 and Option 2 to approve \$200,000. If this option is eliminated, it will limit the new planned work and inability to respond to the Rapid Ohia Death (ROD). With the decrease capacity on ungula work and rapid response, he asked if those two areas are becoming expenses as time progresses? Ms. Fisher said yes. If she can't raise the money to fulfill the budget, KWA performs one of the fence checks on the ground per year but could perform more fence checks would shift money away from the contractor to fund the staff. Then ROD response would be done and staff would have to shift their time.

Mr. Wichman added that there are both species of Rapicide's, ROD. Ohia and Olu Ohia are both documented on the island. ROD is a single threat to the forest. He sees the cost of dealing with ROD on Kaua'i going up in the future. If monitoring the less bad one, things will be changing rapidly.

Mr. Dill is in favor of voting for Option 1 and complimented the great work KWA has done in the past years. If the DOW's budget is increased up to \$250,000 with the \$1M, the DOW is funding 25% with the work done on Kaua'i. KWA is helping with the quality and quantity of the water that is delivered to the Department's customers and they are a significant partner in this alliance. Mr. Dill is also the Finance Chair and requested 1) more detail on the \$1M budget and would like to see a report on the revenue and expenses where the funds are coming from and going and 2) it is important for the Department to justify to the rate payers what KWA is doing that helps customer's get their water. Ms. Fisher previously provided Manager Wienand with a report that included links and resource documents. There are a few studies from UH on Hawai'i Island and Maui to quality and quantify. Maui was return on investment and Hawai'i Island looked at it differently. Mr. Dill was interested in this information because there are about 101 different factors that play into the brown water aquifer recharge. This is significant and he did not know how to isolate them with the benefits. Ms. Fisher would be interested in Mr. Dill's comments after he reads the documents and if there is a better way KWA can do this or is there something else they need to look for

and find out for Kauai. Mr. Wichman added the reports would not be free and he is looking at getting a Grand In Aid from the State because it is a State-wide implication. The State invested a lot in watershed protection management.

As a new Board member, Mr. Calipjo thanked KWA on the great presentation. On his first week, he had a chance to see the work they are going which is very intensive. He did not have any objections on their work but it is the Board's fiduciary duty to discuss the details. Mr. Calipjo also sits on the Finance Committee and will be voting on this request.

Mr. Akamine inquired from the report, KWA is also working on another proposal through of the legislature. He asked what is the status? Was it a Grant In Aid? Ms. Fisher commented it was CIP funding and for more fences. They also get \$300,000 every year from the State from a partnership program which keeps their team on the ground. Mr. Akamine asked if that money would offset their additional request? Ms. Fisher said each year the funding could be cut. The State gives the same amount and they have a grant proposal process going out in July. The KWA board will know what the grant money is by October/November which will be ready to be put in the budget by January for the next fiscal year. The State increased the CIP funding amount which should help with fencing and work after the fencing.

Manager Wienand recommended for next year to have KWA's annual presentation done in February (instead of August) because of the Department's budget approval time line.

Mr. Hall Parrott, Private Citizen provided his testimony.

Mr. Parrott said forty years ago he lived on Maui, [inaudible] on call with state researchers in the mountain. He asked how often do they run into people? Ms. Fisher said never. Acting Chair Hull interrupted Mr. Parrott and said that he needed to address his questions to the Board or Manager Wienand and not to engage with the KWA. Mr. Parrott apologized and said his question to the Board was how often does KWA run into people because the area is pristine? When Mr. Parrott was patrolling on Maui, it was surprising the people he saw. He thinks it was like on Kaua'i because was a dream for him on Maui was to be able to into the Alamo.

Mrs. Yano requested to make the funding change in the budget for the next meeting.

Mr. Dill moved to approve Option #1 for Manager's Report No. 19-54 - Discussion and Possible Action for funding in the Fiscal Year 2019-2020 Budget for the Nature Conservancy in the amount of \$250,000.00; seconded by Mr. Akamine; with no objections, motion carried with 4 ayes.

2. Manager's Report No. 19-55 – Discussion and Possible Action to Amend Board Policy No. 26 for the Emergency Reserve Fund

DISCUSSION:

Mr. Dill was ready to defer Manager's Report No. 19-55 to the next meeting but Manager Wienand wanted update the budget per the recommendation so that at the May Board meeting, it could be readily accepted and if the changes in the Board Policy are tentatively agreed. The goal of the May Board meeting is to approve the budget. Acting Chair Hull asked if there were other changes since the Finance Committee meetings? Mrs. Yano said there have been no changes to the proposed budget and the \$1M insurance deductible. Acting Chair Hull said regarding the Emergency Reserve Fund, were changes being discussed that was not discussed at the Finance Committee meetings? He prefers to have this presented to the full Board because at the Finance Committee meetings there was a concern because he, Mr. Calipjo and Mr. Akamine are new Board members. By taking action on some of the finance issues, there was a desire for

some of the senior Board members to review the proposal. Acting Chair Hull said if there are no changes now on what the Finance Committee went over, he requested to defer this agenda item. Manager Wienand said the budget has not changed since the Finance Committee meetings. He added when this item was discussed and how the \$1M insurance deductible was being handled, if the policy is updated, the budget could be updated for this fiscal year. The policy was updated with proposed changes whether it was at the April Board meeting or the May Board meeting, the Department was prepared to update the budget. This is not an urgent issue but up to the Board. Mr. Dill recommended to defer this Agenda item depending on which direction the Department wants to go with the policy since there are only four Board members present today; the other Board members can provide their input on the proposed changes in the policy.

Mr. Dill moved to defer Manager's Report No. 19-55 – Discussion and Possible Action to Amend Board Policy No. 26 for the Emergency Reserve Fund; seconded by Mr. Calipjo; with no objections, motion carried with 4 ayes.

At 11:19 a.m., Acting Chair Hull recessed the meeting.

At 11:31 a.m., Acting Chair Hull reconvened the meeting.

3. Manager's Report No. 19-56 - Discussion and Possible Action for Job No. 18-9, Makaleha Tunnel Water Line Repairs, to enter into a temporary right-of-entry permit with the State of Hawai'i Department of Land and Natural Resources, Division of Forestry and Wildlife onto State land, portion of TMK: (4) 4-6-001:001 and approval to authorize the Manager and Chief Engineer to execute affidavits, representations and the like to the Department of Land and Natural Resources regarding the presence of hazardous materials, Kapa'a, Kaua'i, Hawai'i

BACKGROUND:

Manager Wienand commented that Right of Entries are routine but this project is with the Department of Land and Natural Resources (DLNR) which has specific indemnifications that require Board approval. The project was generated from the 2018 flood and necessary repairs need to be done on this waterline. The Department recommends approval for this Right of Entry for the design team and surveys to initiate the design. The time line requires a 30 month window to get the repairs completed otherwise an extension from FEMA would need to be requested for the 75% reimbursement. The Department may get 100% reimbursement because of a mitigation component for this work and to ensure that there are additional measures in place to protect the water line. DCA Krafft has reviewed the Right of Entry as recommended for approval.

Mr. Dill moved to approve Manager's Report No. 19-56 - Discussion and Possible Action for Job No. 18-9, Makaleha Tunnel Water Line Repairs, to enter into a temporary right-of-entry permit with the State of Hawai'i Department of Land and Natural Resources, Division of Forestry and Wildlife onto State land, portion of TMK: (4) 4-6-001:001 and approval to authorize the Manager and Chief Engineer to execute affidavits, representations and the like to the Department of Land and Natural Resources regarding the presence of hazardous materials, Kapa'a, Kaua'i, Hawai'i; seconded by Mr. Akamine; with no objections; motion carried with 4 ayes.

I. CONSENT CALENDAR

None.

J. STAFF REPORTS MONTHLY

1. Discussion and Receipt of the Kaua'i County Water Department's Statement of Revenues and Expenditures
 - a. March Monthly Summary Budget
 - b. Accounts Receivable Aging Summary

BACKGROUND:

Waterworks Controller Mrs. Yano had positive highlights to share:

1. Page 247 - YTD Cumulative Report decreased from 9% last month to 7%.
2. Page 249 - There were no M-cut reports due to staffing issues. Meter cuts are done if delinquent accounts are over 60 days which is done once a week. The system flags delinquent accounts by providing a list of customers who are informed by phone call to pay their bills or their water will be turned off. Fiscal has been successful in asking customers to come into the office to pay their delinquent bills.
3. The Comparative Worksheet is missing because of a delay in reports from the County Treasury as of January 31, 2019.

Received for the Record

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

BACKGROUND:

Manager Wienand reported for Information & Education Specialist Jonell Kaohelaulii and highlighted the following:

1. March, April & May were busy months for the PR team. In March, the Department did the annual Fix-A-Leak awareness event (March 18-22). There were promotional activities, community outreach, displays in the lobby and leak detection kits were distributed to the public. Manager Wienand commended the PR team by finding ways to make this better every year with water conservation. The Manager will provide an update on how many Fix-a-Leak kits were distributed to customers.
2. April is dedicated to the National Mayor's Challenge in partnership with the Wyland Foundation which is a nationwide event for water conservation. A Public Service Announcement ran on the radio for the public to sign up on line to change water habits and reduce water consumption.
3. May 6th to 10th is National Drinking Water Week at the DOW; details to follow.
4. Make a Splash, Project Wet will be on September 20th.

Received for the Record

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

BACKGROUND:

Chief of Operations provided Operations highlights as follows:

1. Overtime – went down in February/March
2. Water Loss – February was higher due to hydrant hits. A hydrant behind the former Cost U Less in Kapa'a, away from the highway caused the crew a delay in locating the hydrant; water loss was 1M gallons. In March, the water loss was down. For the year, water loss = \$485,000. [inaudible]

Received for the Record

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

BACKGROUND:

Manager Wienand provided highlights as follows:

1. CHANGE ORDER NO. 2 FOR CONTRACT NO. 632, JOB NO. 17-02, SCADA SYSTEM MAINTENANCE AND PROFESSIONAL CONSULTATION SERVICES WITH GLENMOUNT GLOBAL SOLUTIONS, INC. IN THE AMOUNT OF \$28,525.32 – There were issues with some of the well sites with the remote SCADA systems which have been difficult to repair and trouble shoot for reliability.
2. 2ND AMENDMENT TO CONTRACT NO. 633, SOLE SOURCE NO. SS-2017-4, ANNUAL LICENSE RENEWAL OF ORACLE SERVICE CLOUD, AND CUSTOMER CARE AND BILLING WITH MYTHICS, INC. IN THE AMOUNT OF \$28,901.57 – Provides licensing for Oracle Cloud billing system for Customer, Care & Billing.
3. FIRST AMENDMENT TO CONTRACT NO. 664, JOB NO. 18-02 ISLAND-WIDE REHABILITATION OF TANKS WITH R.M. TOWILL CORPORATION TO REDUCE THE SCOPE OF WORK AND AN ADDITIONAL TIME EXTENSION OF 300 CALENDAR DAYS IN THE AMOUNT OF \$52,384.00 – Amendment is to reduce the scope but extends the duration on the contract. The Department discovered PCB's in the Paua Valley tank on the west side that is next up for construction this summer. This lead to an investigation island wide on tanks that were built in the same time frame which could be susceptible to PCB's in the liner. From the construction data, a priority list of 6 tanks may be susceptible to PCB detection in the liners (Page 262 lists the 6 tanks). Paanau #1 tank in Kōloa-Po'ipū and Kaua'i Inn Tank both tested positive for PCB's in the liners but not in the water. Tanks have to be taken out of service when PCBs are found even in the liner and efforts would be focused on testing for PCB's in the 2 tanks instead of testing the remaining 4 tanks. The concern is the PCB getting into the water, which has only occurred in Paua Valley. By moving forward, the Department would be at risk of taking each of the tanks out of service to not be able to immediately respond to generating construction contracts and time line for design with all other projects island wide. This is based on health and safety and moving forward on this contract amendment.

DISCUSSION:

Mr. Dill asked what was the plan for the other 4 tanks? Manager Wienand commented that they would be up next but the scope to the contract needs to be revised and to change the course of the 2 tanks. This now triggers for design mitigation for the 2 tanks and the need to update the CIP plan. An option would be to test the liner in 6 tanks all at one time at the risk of them coming up positive and be forced to take them off line and would be in a que for design. The Department does not have the capacity to immediately act on the 6 tank at once. Manager Wienand would focus on the 2 tanks to get them in design then mitigation, then move into the next phase for the other 4 tanks. Mr. Dill asked how often are PCB's tested in the water? If it was a Phase 2 or Phase 5 contaminate, it may not be monitored in between samples. DCA Krafft shared monitoring is every 2 years. Manager Wienand didn't have this information but confirmed PCB's were never detected in the water. Mr. Dill agrees with the Manager's approach but requested him to come back to the Board with a recommendation on the monitoring in the 6 tanks to confirm the assessment and what is necessary.

Civil Engineer Mr. Eric Fujikawa provided additional information for Mr. Dill regarding if the 6 tanks that came on line in the time frame when PCB's were used in the construction of the liners in the tank. Mr. Dill asked were these the only tanks island wide? Mr. Fujikawa commented that the 6 tanks were part of a subset from 15 or 16 that were identified and built prior to the 1980's. The 6 tanks were identified for the ease of addressing if the contaminates were found based on the system they were servicing and the size of the tanks in areas that would not be straining the system and the need for temporary tanks with projects that were anticipated. To have all 6 tanks down at the same time would pose a problem not only for construction but for storage capacity [inaudible] ... each of 3 systems. There is a larger list of tanks that were constructed in that time frame but only listed the first 6 tanks and was not asking for \$3.5M for

the assessment project [inaudible]. Mr. Fujikawa was not aware of any PCB's in the water. Only Paua Valley tank in Kekaha has PCB's in the liner.

4. FIRST AMENDMENT TO CONTRACT NO. 666, PROFESSIONAL SERVICES IT-2018-4, REVIEW AND UPDATE IT STRATEGIC PLANNING, IMPLEMENTATION AND SUPPORT WITH BRIO CONSULTING, LLC TO AMEND THE SCOPE OF WORK, ADD AN ADDITIONAL TIME EXTENSION AND ADDITIONAL CONTINGENCY TOTALING \$10,000.00 – The IT Strategic Plan is scheduled for the May 24th Board meeting. Brio Consultants will present the Final Proposed Draft of the IT Strategic Plan to add additional positions to the IT section within the next 5 years. One position is included in the FY2019-2020.
5. CONTRACT NO. 685, JOB NO. 19-01 ISLAND-WIDE VULNERABILITY AND RESILIENCY ASSESSMENT AWARDED TO BROWN AND CALDWELL IN THE AMOUNT OF \$629,686.00 –

Initially there was a preliminary engineering report budget for prioritizing the Motor Control Center (MCC) due to aging. The Department is looking at the priority to focus on rehab and replacement on the MCC pump sites. Some of the response efforts from last year and reviewing the Emergency Response Plan, there was a need to do an island-wide assessment on preparedness and resiliency during extreme events such as a major hurricane. The Department wanted to ensure preparedness and which structures need to be hardened, then prioritizing those structures and locations where generators. The new contract is high which evolved from the study for an island-wide assessment for all hazards. In February, the Department was close to executing the contract for months but was notified by the consultant that the 2018 law was in effect by the America's Infrastructure Act that had specific requirements for community water systems serving population greater than 3,300 persons. Those requirements were included in the scope of work and need to be in compliance by December 31, 2020. The scope of work will benefit on the actions in updating the Emergency Response Plan. Mr. Dill inquired if the Department has to complete assessments to the tanks or the complete installation of the liners and construction of any improvements recommended? Manager Wienand said only the completion of assessments of risks to be compliant; but would not be able to complete all of the actions island-wide. Two top items that will be recommended by the consultant would be 1) the *identification of MCC's* that are risk based on the structural integrity, remoteness/access, types of pumps if they could be quickly replaced or not, and are parts available? 2) *Generator shelters* a top item island-wide. There are a number of sites for generators to be mobilized after an event to get power back up if the grid is down. This fits into the long-range water plan.

DISCUSSION:

Acting Chair Hull mentioned the U.S. Sea Grant in West Kaua'i and was not sure if it was going to be part of this contract or a separate study on the sea level rise exposure map. This was adopted the past year by the State of Hawai'i. Manager Wienand said the scope of work included the sea level rise exposure and GIS layers related to the sea level rise exposure. The majority of the pump stations are mauka and sea level rise is not a big concern vs. a direct hit of a major hurricane. Acting Chair Hull said Planning Department will be looking at this and the long-range water plan update by incorporating the General Plan priorities. He added that the General Plan Update is to infill the town core areas. The General Plan did not have the sea level exposure maps at the time. Since the policy says to infill the town core areas, but now there are the sea level maps saying that many of the towns that are sitting on coastal regions are being exposed. In certain parts of Waimea town, Acting Chair Hull asked should there be more development or should there be more infrastructure from all agencies. The next 3 to 4 years the coast will be under water. This is being discussed with the West Kaua'i Community Plan as a major concern and an active decision would be made to downzone areas where infrastructure may not be done or to preserve those in place, harden walls outside where it is appropriate. The sea level exposure would be great if it could be folded into the contract or it could be a future discussion on assessment. Manager Wienand mentioned that all discussions with the

consultants were on hazards and preparedness and were mostly related to a direct impact to a major hurricane.

6. THIRD AMENDMENT TO CONTRACT NO. 609, FINANCIAL MANAGEMENT PLANNING AND WATER RATE ANALYSIS FOR A CONTRACT TIME EXTENSION OF 365 CALENDAR DAYS AND ADDITIONAL FUNDING IN THE AMOUNT OF \$30,000.00 – This amendment is with the Raftelis Financial consultant who is conducting the Final Water Rate Study to be presented at the May Board meeting. There will be a potential workshop for the Board members and up to two additional web presentations and a web cast for the Finance Committee to work on the recommendations of the rate study.
7. CIP – The Department is waiting on a final update from the legislature regarding a proposal for funding for the CIP projects. Currently the Department is in a good position in receiving some funding. An update may be at the May Board meeting.
8. Emergency Communications – was a goal for the Department to get 800 MHz radios for emergency communications for disaster preparedness. 20 radios were received for staff to communicate if cell towers are down during emergencies.
9. Manager and Supervisor Training – was conducted by Skillpath with 19 staff that focused on leadership, competency, strategies for boosting productivity, correcting problematic behaviors, and management tactics.
10. Collaboration with the County Wastewater Division – they are moving their billing system from a flat rate for their residential customers to a consumption based billing. The Department has been meeting with Wastewater. The Department’s concern is tied in the billing system with Wastewater, a separate entity, by being careful on how to assist the Wastewater Division’s goal without the potential for a lot of customer questions relating to wastewater. The same consultant with the Department’s Cloud hosted billing, Prithibi has offered a similar solution for Wastewater to use the data from the Department’s billing system. It would flow from the DOW to Wastewater, but licensing and ability to make changes in the billing system, Wastewater would not have the ability to access the Department’s billing system. This solution met the need from Wastewater to get the data from DOW which can move to consumption base billing if Wastewater chooses that option. There appears to be no risk in merging systems. The Manager thanked the “As needed” consultant for the system solution.
9. West Kaua’i Vulnerability Community Workshop, May 8th – The Department will be attending the workshop.
10. Fresh Water Council – The Manager has been requested to join this Council representing Kaua’i on water related issues across the State.
11. County TIGER Grant – A number of design issues on approval needed by the County documented with a Memorandum of Agreement with the Board. They were at risk for project delays if the plans were not able to be approved. The designed issues were worked on under the condition in a memo the County Engineer and the County Chief of Engineering sent documenting an agreement (agreed verbally) on how the design conditions would be addressed ahead of the MOA, which would of caused delays to the ongoing TIGER grant. The difference are being worked out ahead of formal approval for the County Attorney and the Board to meet their deadline. The plans could be signed under the conditions on the informal memo from the County Engineering that will be documented by the Board at the May Board meeting.

Received for the Record

QUARTERLY *(January – March 2019)*

1. Discussion and Receipt of the DOW’s Quarterly Project Status Update
 - a. Construction Management Division Status

BACKGROUND:

Chief of Construction Management Mr. Moises commented that CM is busy with 5 projects highlighted:

1. Hanapēpē-Eleele Booster Pump #1 was tied in. Booster Pump #2 will be done in mid-May and completed in June. Next will be Paua Valley [inaudible].
2. Chemical testing was negative. CM will be connecting Kōloa Well 16A&B new pump and emergency testing next week (which was out for 15 years); to be finished in June.
3. Hanapēpē 6" Main Waterline Replacement – The Department of Transportation and Feds are also doing their work. CM worked with the community to minimize the impact and plans to connect the State Right of Way portion in mid-May; in town work will be done by September/October.
4. Kapa'a Well 4 – the drain line started at Kaapuni Road. Mr. Moises met with Department of Public Works this morning on how to plan paving restoration of their lane and DOW's lane. An agreement was reached to help the community.
5. Project Management (PM) Web – CM is waiting for e-signatures with PM web. Responses have been mostly positive and negative responses have been with people being forced in construction field to be technology oriented than in the past. Answers on RFI and getting paid are quicker through PM web. Mr. Moises, the comptroller, the engineer and the Manager signed a payment on the same day.
6. Staffing – CM is almost fully staffed and positions that were approved by the Board are with the Department of Human Resources (DHR) for review. Once the positions are approved by DHR, CM can tackle more projects.

Received for the Record

b. Engineering Division Design Status

BACKGROUND:

Civil Engineer Mr. Keith Aoki reported Engineering oversees 26 design projects in various phases.

1. Private Projects & New Projects – Reviewed 50 developer projects and 4 new projects this quarter.
2. Completed and signed the Rehab. Paua Valley Tank #1 and MCC Chlorination Facilities in Kīlauea Wells Nos. 1 & 2.
3. Completed the ground storage tank on the County's Kukuīolono Golf Course. Soil was tested that came out negative for contaminants. This was an old tank on the 9th hole.

Received for the Record.

c. Water Resources & Planning Division Status

BACKGROUND:

Manager Wienand provided an update and reported on behalf for Chief of Water Resources & Planning Mr. Eddie Doi:

1. Kaua'i Water Use and Development – Work continues and is focusing on the Hanamā'ulu water system.
2. A number of requests, since November 2018 came in for an exemption to the Facilities Reserve Charge (FRC) which are handled on a case-by-case basis.
3. WR&P – Continues to work on the scope for the next long-range plan and assisting other divisions for the water audit (water loss portion) due June 30th. Divisions involved are: Fiscal, Water Resources & Planning and Operations.

Received for the Record

K. 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).

L. TOPICS FOR NEXT WATER BOARD MEETING (May 2019)

1. Manager's Report No. 17-29 (Update) - Discussion and Possible Action on the Financial Management Planning and Water Rate Analysis for the Department of Water for July 2019 through June 2023 and submit a Small Business Impact Statement to the Small Business Regulatory Review Board

Update: Manager Wienand requested scheduling for the Final Water Rate Study report to will be completed by the May 15th deadline with the consultants. The study will be presented at the May Board meeting, then referred to the Finance Committee for further action and analysis. Options 1) conduct the Water Rate Study workshop at the May 24th Board meeting with the consultants or have a separate Board meeting. If the workshop was during a separate Board meeting, the Finance Committee could be scheduled to meet the same day at 10:00 a.m. or 11:00 a.m. or do the workshop and Board meeting on May 24th then schedule a Finance Committee meeting. The consultants could come on May 24th, then do a web cast at a later date for the Finance Committee.

DISCUSSION:

Acting Chair Hull asked if the Department needs to go over the final study to make edits to the Water Rate Study? Once the Board gets the study, does the Department have a public meeting? The Manager indicated the study will be final draft request and the consultants is ready to meet with the full Board. All the documentations are in the consultant's scope and the study will be recommended and presented to the full Board. Acting Chair Hull mentioned there are three new Board members who are requesting to have their orientation done before the Water Rate Study presentation.

Mr. Dill asked how long is the workshop be? Manager Wienand said it depends on how many questions the Board had but may be a one hour overview of the process before the details of the rate study and recommendations with the Finance Committee. Mr. Dill suggested doing the overview with the Board and details with the Finance Committee. The Board will also be discussing the budget at the May Board meeting. He would reserve the Board meeting for the workshop and budget and web cast for the Finance Committee.

2. IT Strategic Plan Presentation
3. Discussion and Possible Action on Third Amendment to Contract No. 535, Job No. WRP 01 FY 05-06 Kaua'i Water Use and Development Plan Update, Lihu'e Kaua'i, Hawai'i with Fukunaga and Associates, Inc. for additional funding in the amount of \$114,400.00 and a contract time extension of 900 calendar days
4. Evaluation of the Department of Water's Manager and Chief Engineer from May 1, 2018 to May 1, 2019
5. Draft Budget for Fiscal Year 2019-2020
 - a. Fiscal Year 2019 - 2020 – Draft Operating Budget
 - b. Fiscal Year 2019 - 2020 – Draft Capital Outlay Budget
6. Manager's Report No. 19-55 – Discussion and Possible Action to Amend Board Policy No. 26 for the Emergency Reserve Fund

Mr. Hall Parrott provided his testimony

Mr. Parrott commented he has pulled together documents that he worked on for years. He did not understand a workshop [inaudible] and very sensitive to gummy up the works. He would like a focused conversation with information that he can present to the Board and to answer questions to see what is going on in a constructive environment and not to be blind sighted. There are financial stuff that is causing this problem in ripples through the organization [inaudible]. Mr. Parrott was instructed to submit his documentation to the Board Chair Thomas Canute who can work with the Manager and DCA Krafft on the appropriate manner for an agenda item. Mr. Dill added that it should be an agenda item for the entire Board. The Board may refer it to the Finance Committee depending on what is presented. Manager Wienand clarified the workshop is a presentation.

M. TOPICS FOR FUTURE WATER BOARD MEETINGS

1. Department of Water Performance Audit (*Update*)
2. Discussion and Possible Action to establish Fiscal Policies and Procedures
3. Workshop presentation regarding the Master Plan of the Department of Water's former Administration Building, Baseyard, Micro Lab, Information Technology (*October/November 2019*)
4. Discussion and Possible Action to Amend Fiscal Division Table of Organization
5. Discussion and Receipt of the American Water Works Association, Annual Conference Exposition Report (*June 9-12, 2019*) (*July*)
 - a. Report from Kaua'i Board of Water Supply Member, Elesther Calipjo
6. Budget Rollovers (*August*)

N. UPCOMING EVENTS

1. AWWA ACE 20th Conference, Denver, Colorado (*June 9-12, 2019*)
2. HWWA/HRWA Conference, Honolulu, Hawai'i (*TBA*)
3. Make a Splash, Project WET (*September 20, 2019*)
4. DOW's Annual Meeting (*December 13, 2019*)

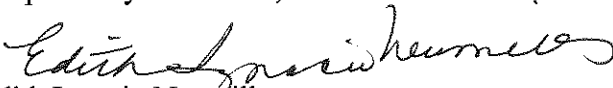
O. NEXT WATER BOARD MEETING

1. Friday, May 24, 2019, 10:00 a.m.
2. Friday, June 28, 2019, 10:00 a.m.
3. Friday, July 26, 2019, 10:00 a.m.
4. ~~Friday, May 24, 2019, 10:00 a.m.~~ (Should be August 23, 2019)

P. ADJOURNMENT

Mr. Dill adjourned the Regular Board Meeting at 12:24 p.m.; seconded by Mr. Calipjo; with no objections, motion carried with 4 Ayes.

Respectfully submitted,


Edith Ignacio Neumiller
Commission Support Clerk

Approved

Ka'aina Hull
Secretary, Board of Water Supply

