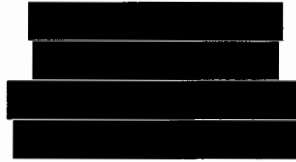


Jon M. Kawamura

GOV. MSG. NO. 736



Profile

I have been in the wastewater industry for about 36 years. My experience in the wastewater field has been in management, operations, maintenance, collections and fields like oil and grease problems. My experience has also been with the Hawaii Water Environmental Association where I was the PWO Representative. In the local community I coached baseball in the community league and the Kealakehe junior varsity and varsity team. I was assistant coach for the Kona Marlins Pop Warner football team. I have a wife and two grown sons.

Education

AA degree in Automotive Technology at Leeward Community College	1982
High School at Pearl City High School on Oahu	1979

Career History

Hawaii Water Service

Oct. 2018 to present

- October 2018 – Plant Superintendent/DRC of the Heeia Wastewater Treatment Plant.
- Hawaii Water Service took over operations at the Heeia Wastewater Treatment Plant in Keauhou.
- In 2024 I took over the DRC position at the Waikoloa Resort WRF. The Waikoloa Resort WRF is a class 3 wastewater reclamation facility on the Big Island. The treatment process uses a Membrane Bioreactor Filtration process. The effluent that is produced is of R1 quality. The effluent is used for irrigation on the golf courses located in the Waikoloa resort area. The effluent is disinfected by Ultra Violet light.

Aqua Engineers, Inc.
Treatment Plant Supervisor/DRC

1997-2018

- August 2016 –Treatment Plant Supervisor.
- June 2010 to 2016 – Island Operations Manager.
- 1999 to October 2018 - Serve as Direct Responsible Charge for the Heeia Wastewater Treatment Plant on the West side of the Big Island. The plant is a Sequential Batch Reactor design. The design flow is 1.8 MGD that discharges R2 quality Effluent. The treatment plant consists of screenings, grit removal, pump station, two processing tanks, aerobic digesters, chlorination, centrifuge and all effluent goes to the Kona Country Club for irrigation. With the treatment plant comes five pump stations that pumps the sewage to the plant. Four of the five pump stations were recently upgraded and I was involved with specifying the types of equipment that should be used and in the design of the pump stations. When being constructed I worked with the contractor to have the pump stations built. I was also in charge of nine miles of collection lines. I was involved with the purchasing of the equipment to be used to clean the lines. I developed the plan for cleaning and to identify the hot spots that we would inspect on a regular basis.
- Being a Team Leader I was also in charge of checking on plants on the other islands. My responsibility covered six projects on the Big Island, two projects on Maui, two projects on Lanai and two projects on Oahu.
- Hilo airport plant is an activated sludge plant. For solids disposal the slurry must be pumped out and disposed of. The effluent goes into an injection well.
- Life Care of Hilo is a Sequential Batch reactor wastewater treatment system. Solids must be removed by pumping the mixed liquor out from holding tanks. The effluent goes to seepage pits for final disposal.
- Hale Nani plant on the Hilo side of the Big Island is an activated plant that is under ground. Solids must be removed by pumping out the slurry and disposed of. The effluent goes to a leach field for disposal.
- Punaluu wastewater plant is on the south side of the Big Island. The plant is an activated sludge plant. The plant consists of an aeration tank, clarifier and an effluent pump station. The plant also has a drying bed for solids disposal. The effluent goes to the Sea Mountain Golf Course for irrigation.

- Pukalani project on Maui is an activated sludge process. The plant consisted of an aeration tank, digester, chlorination and a belt filter press. The effluent goes to the Pukalani Golf Course for irrigation. The project also takes care of four pump stations.
- Manele plant on the island of Lanai is a SBR plant. The plant discharges R1 quality effluent where it goes to the Manele Bay Golf Course for irrigation. The plant has sand filters for the effluent and drying beds for solids removal.
- Lanai City auxiliary plant is used to polish the effluent that is sent to the Koele Golf Course. The plant used water hyacinths for treatment and the discharge from the pond goes to sand filters. The effluent is then sent through for UV disinfection.
- Turtle Bay Treatment plant on the island of Oahu is a lagoon plant. The effluent goes to the Turtle Bay Golf Course to be used for irrigation.
- Schofield Reclamation Facility just went through an upgrade. The treatment plant was an activated sludge plant and it was changed over to a Membrane Bioreactor System treatment process. At the time of planning and construction I was temporarily assigned to the plant. I worked with the engineers to have the plant designed and items that I thought that was necessary for safety as well as operations. I was sent to classes given by the manufacturer to get the system up and running. I also worked with the SCADA people to have item included in the monitoring and controlling of equipment by way of SCADA. The plant uses UV for disinfection with chemical back up in the event of an emergency. I also tailored programs like lab QA/QC, safety and the maintenance program for this project. I served as the DRC of the plant while looking for a permanent DRC.
- COSTCO Kona wastewater treatment plant. The treatment plant is a modified SBR plant that is used to treat the wastewater coming off of a grease interceptor. I was involved in the extensive testing of the waste that was being discharged prior to the new plant that went online. After the new plant went online there were modifications and adjustments that needed to be done to come up with excellent quality effluent. Now the discharge meets and exceeds DOH requirements.
- As my role as a Team Leader and DRC I worked with both Aqua Engineers and the client to come up with an operating budget for each fiscal year. I also work on getting capital improvement projects budgeted and completed during the course of the project.

**Operations Management International
Lead Operator/Lab Director/Safety Coordinator**

Dec. 1993-Nov. 1997

- Did all the major functions to run the treatment plant. All reportable lab, safety programs and preventative maintenance was all done.
- I made operational changes to the process based on lab work and planning for change in plant loadings.
- Ran the dewatering centrifuge to dispose of the solids to the landfill. Did dewatering optimizing to ensure that money is well spent.
- Made electrical repairs to the plant equipment and the pump stations.
- For preventative maintenance testing on equipment was done using a volt ohm meter, amperage meter, infrared temperature probe, vibration meter and a decibel meter.

**Juniors Tools
Mechanic**

Aug. 1991-Dec. 1993

- Repaired all major brand name tools weather being electric, pneumatic, hydraulic or gas powered.
- For preventative maintenance testing on equipment was done using a volt ohm meter, amperage meter, megger and a growler.

**Island Tech Tool Repair
Owner**

1987 – Aug 1991

- Repaired and sold brand name tools. Warranty repair for all major brand named tools.
- Used amperage meters, volt ohm meters, meg ohm meters, growlers, dead end rams, pressure testers and gram scales.
- Used machinery like lathes, milling machines, drill press, grinders, arc welders, mig welders, tig welders and basic hand tools.

**City and County of Honolulu
Wastewater Treatment Plant Operator at Honouliuli**

1985-1987

- I was part of an extensive training program set by the county at this treatment facility. M&E did the training on the many parts of the treatment plant.
 - The plant and training included a pump station, screenings, grit removal, aeration tanks, clarifiers, gravity thickeners, blend tanks, centrifuges, multi hearth furnace, low pressure oxidation process, chlorination and activated carbon odor scrubbers.
 - Did operators lab.
 - Made operational changes to the process with lab results.
 - Did preventative maintenance work to some equipment.
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Certifications

Grade IV Wastewater Treatment Plant Operator, State of Hawaii
Grade II Water Treatment Plant Operator, State of Hawaii
Grade I Water Distribution System Operator, State of Hawaii
Class B Commercial Vehicle Operator License, State of Hawaii
CCTV Inspection Equipment Operator, Aeres
Vactor Line Cleaning Operator, Vactor
State of Hawaii Department of Agriculture Division Applicators license
Hawaii UST Class A, B, C operator's license
First Aid and CPR Certification, Red Cross

Memberships and Awards

Hawaii Water Environment Association
Water Environment Federation
American Water Works Association
Aqua Engineers, Inc. Team of the Year
Runner-up for the Malcolm Baldrige Award
Plant Safety Award
Outstanding Lab QA/QC Award