

1. Why do you wish to serve?

As a young professional, I want to engage with my community and contribute to causes that resonate with me. I have much to learn, but also a lot to give and I am excited to utilize my background in data science, engineering, hydrological modeling, finance, and strategy to serve.

2. How do you perceive the role and responsibilities?

The roles of a Board of Water Supply board member are to make informed decisions that serve the public interest and ensure clean, dependable, and affordable water for our future. This includes responsibilities such as hiring the manager of the BWS, as well as overseeing the policies that guide its capital improvement plan, finances, services, operations, and all other major functions.

3. Given your understanding of the roles and responsibilities, why do you believe that you are qualified for the position? Please include a brief statement of your skills, expertise, or knowledge that would aid in your decision-making ability as a BWS member.

Through my academic and professional work, I've gained a background that would uniquely serve the Board of Water Supply. With my experience in business strategy and technical skills in data science applied in hydrology and finance, I know I can provide added knowledge to the board. Additionally, I believe this skillset will be a great asset to the board as events regarding the Red Hill spill unfold and interpretation of data becomes more important in decision making.

4. What do you hope to accomplish during your term of service?

During my term of service, I hope to uphold the Board of Water Supply's mission of ensuring clean, dependable, and affordable water. Additionally, I hope to add distinct value to the organization with my background in data, as well as properly represent my generation by supporting policies that secure our future water resources.

5. Name three qualities that best describe you and that would make you stand out. How would these qualities benefit the BWS?

- My background in data science and engineering, as well as depth of understanding of hydrology - Understanding the technical aspects that impact Oahu's water supply, especially as it relates to contamination, is crucial when communicating with the public and deciding on important policies.
- My experience in forward-thinking business strategy and finance - As a semi-autonomous agency, the Board of Water Supply needs leaders who are forward-thinking and understand how to responsibly set policies that continue its sustainable business model.

- My representation as the “next generation” - It is in our best interest to maintain our water supply and uphold policies that continue the Board of Water Supply’s vision of clean, affordable, and dependable water for our future.

6. Name one previous experience that would make you stand out. How would this benefit the BWS?

I have done extensive work, particularly in Hawaii, on geospatial and temporal data analysis. My knowledge of this type of work will benefit the Board of Water Supply when deliberation of policies requires an understanding of how the water supply has changed over time and over space. This would include a wide array of policies from aquifer supply health to the Red Hill contamination spread.

7. With respect to the number of spills associated with the Red Hill Fuel Storage facility, the past 18-24 months have resulted in dramatic impacts upon Honolulu Board of Water operations. What additional actions or steps would you like the board to take in pursuing preventative actions affecting Oahu’s fresh drinking water supplies?

I am very supportive of how the Board of Water Supply has been handling the Red Hill Fuel Storage spill. Their communication with the public and ability to be as proactive as possible in monitoring the complex spill are crucial during this uncertain time. As defueling plans develop and more data on the contamination spread become available, the BWS will be better equipped to make decisions that prevent further damage. For the time being, I think there are several initiatives the BWS can focus on to remain proactive:

- Increasing regularly-scheduled communication with the public on current and ongoing findings. This would involve developing easily-digestible data metrics and displays from the complex temporal/geospatial contamination data output by the Navy and BWS testing facilities. The public should be educated, informed, and made aware of what is happening by BWS members.
- Establishing both external and internal teams of experts that coordinate with each other on latest plans and findings relating to defueling, monitoring, and eventual remediation by the Navy, EPA, and DOH. These teams would span various departments and backgrounds to provide expertise where needed. In addition to communications, other responsibilities of these teams would include modeling the contaminated groundwater plume, identifying new strategic monitoring well sites, and reallocating any funds needed to support efforts.

These are some initiatives that I believe will ensure the BWS is proactive and collaborative with all stakeholders, which would ultimately prepare the BWS to pursue preventative measures, if needed, to protect Oahu’s water supply.

8. Can you foresee any potential conflicts of interest that may arise during your service? How would you overcome any potential conflicts of interest?

No, and if there were any potential conflicts, I would follow official guidelines outlined by the Honolulu Ethics Commission, disclose, and recuse myself immediately.