



Protect Kaho'olawe 'Ohana

aloha 'āina

**Statement of the Protect Kaho'olawe 'Ohana
Regarding the Kapūkakī Fuel Storage Tank Facility
Calling for the immediate decommissioning and removal of the fuel tanks**

E ui aku ana au iā 'oe:

Aia i hea ka wai a Kāne?

Aia i lalo, i ka honua, i ka wai hū,

I ka wai kau a Kāne me Kanaloa —

He wai puna, he wai e inu,

He wai e mana, he wai e ola.

E ola nō, e-a!

One question I ask of you:

Where flows the water of Kāne?

Deep in the ground, in the gushing spring,

In the ducts of Kāne and Kanaloa,

A well-spring of water, to quaff,

A water of magic power, the water of life!

Life! O give us this life!

Source: He Mele No Kāne. Emerson, Nathaniel B. Unwritten Literature of Hawaii. Washington: Government Printing Office. 1909.

The lines quoted above comprise the last stanza of “He Mele No Kāne,” a composition that masterfully describes all of the places that water may be found. From the zenith of the heavens to the depths of the Earth, from the rising to the setting of the sun, water is everywhere. This water is a physical manifestation of the deity Kāne. It is sacred. It is life giving.

In recent weeks, a threat to our life-giving water has reared its menacing head. Officials and activists warned of this potential hazard for years. True to character, the United States Navy is attempting to downplay the seriousness of the issue at hand, just as it did for many years when we fought to stop the bombing of Kaho'olawe. The Navy's lack of integrity and absence of transparency prove that it once again cannot be trusted. The careless abuse of Kaho'olawe and lackadaisical cleanup of the island established precedence of their negligence. We again witness their carelessness and mismanagement of Hawai'i's precious resources.

The fuel storage tanks at Kapūkakī (Red Hill) are a known threat to O'ahu's aquifer. For many years, community groups such as the Sierra Club of Hawai'i and individuals such as Ernest Lau, Board of Water Supply Chief Engineer, cautioned of imminent discharge from the aging fuel tanks that sit over O'ahu's natural volcanic dikes. Yet the Navy continues to deny the

presence of such risk and chooses, instead, to evade the fact that we are on the brink of a devastating environmental disaster. At a December 2, 2021 Facebook Live town hall meeting, 25th Infantry Division Cmdr. Maj. Gen. Joseph Ryan told attendees, “Our readiness posture here in the Pacific is predicated, the foundation of it, is the life, health and safety of our service members and their families.” Is that not telling? It’s not about the island, the environment, and the people of Hawai‘i, it’s about the military families and their assets. And, tragically, the service members and families have been the first to be impacted.

The Protect Kaho‘olawe ‘Ohana supports the efforts of the Sierra Club Hawai‘i, the O‘ahu Water Protectors, Ka‘ohewai, and all other environmental advocacy groups that are calling for the **immediate** shut down and decommissioning of the Kapūkakī (Red Hill) Storage Tank Facility. Our water is too precious a resource to wait any longer to take action.

Of course, this is not the first example of a lack of concern for the source of life, our environment, and our well being. In 1965, the U.S. Navy carried out an “experiment” known as “[Operation Sailor Hat](#)” on Kaho‘olawe. Three 500-ton blasts of explosives created a crater on Kaho‘olawe that, in addition to other long lasting effects, may have cracked the water table, diminishing the island’s ability to support flora and fauna for generations. Was that “experiment” a foreshadowing of things to come? This cannot happen again, yet leaking fuel tanks and a possible explosion within the crater are a reality and may be probable should conditions such as this be allowed to continue.

The PKO strongly urges the Commission on Water Resource Management to revoke the water use permit for the Navy’s Kapūkakī (Red Hill) Shaft (Well 2254-01). The U.S. Navy must be held accountable for their blatant disregard for the purity of O‘ahu’s drinking water resources and the safety of O‘ahu’s communities. We cannot allow history to repeat itself and let the Navy get away with their reckless actions. E ola ka wai, e ola ka ‘āina, e ola kākou. Let the water live so that the land may live and so that we may live.

12/15/21

Aloha,

I am writing to testify about the U.S. Navy's Red Hill leak. I would like to start by saying that I was born and raised in Honolulu, as well as my mother and father before me, and my grandparents before then. I am Native Hawaiian and have roots in Kauai, Oahu, Maui, Hawaii Island, and Niihau. My son who is 7 months old was also born here on Oahu. We currently reside with my extended family in Kaimuki.

I have a PhD in Civil Engineering with a focus in geotechnical engineering from UH Manoa. I am practicing engineering in Honolulu and have worked on a water contamination remediation project for a shaft located in Oahu where I modeled the effectiveness of relocating pumps within the Maui type shaft, and constructing a grout curtain to prevent the contamination from entering the pumped groundwater.

I am appalled that the US Navy has continued to operate the fuel tanks for over 7 years with the knowledge that it was leaking and has continued to leak since. I am also confused as to how they have been allowed to continue their operations by the various government entities that are put in place to protect our valuable resources. It is unacceptable that this situation has continued for as long as it has, and that residents have been poisoned by the contamination.

I am in fear for my health, my family's health, but most of all, the health of my newborn son. I fear that the water we bathe him in, the water we use to wash the dishes we feed him from or the nipples he feeds from, the water we use to wash his clothes, are (or will) poison him. As a Native Hawaiian, we view water as the most precious resource. The contamination of this resource violates my rights as a Native Hawaiian. Moreso, however, my right as a human being, as a mother, to clean and safe drinking water has been violated by the US Navy and the public entities responsible to hold the US Navy accountable. It is unacceptable to live in a first world country and still have to worry if my drinking water is safe to drink.

I am unsure what power the DLNR CWRM has to hold the US Navy accountable, but I fully expect the CWRM to do anything and everything in your power to do so.

When I say "hold accountable", this includes, but is not limited to: the immediate emptying of the Red Hill fuel tanks; immediate actions to remediate the contaminated subsurface zones; providing safe drinking and potable water to all residents of Oahu within the contamination zone; providing testing kits and immediate untampered test results to all residents of Oahu, free of charge; free lodging in a safe zone for any and all residents affected by the contamination; and monetary compensation for any and all medical bills, water filters, bottled water, etc.

Please, protect our water for all residents of Oahu for ourselves and our children

Mahalo,
Melia Talagi Iwamoto

[REDACTED]

From: [ann Wright](#)
To: [Hyatt, RaeAnn P;](#) [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Written testimony for December 21, 2021 Commission on Resource Management Hearing on Ground Water Use Permits 00085 (Red Hill shaft-well), 00086 ('Aiea-Halawa Shaft-Well) and 00111 Waiawa Shaft - Well) and Moanalua and Waipahu-Waiawa Aquife...
Date: Thursday, December 16, 2021 11:06:51 AM

Testimony for December 21, 2021 Commission on Resource Management Hearing on Ground Water Use Permits 00085 (Red Hill shaft-well), 00086 ('Aiea-Halawa Shaft-Well) and 00111 Waiawa Shaft - Well) and Moanalua and Waipahu-Waiawa Aquifer System Areas, O'ahu;

From Retired US Army Colonel Ann Wright

As the Commission on Water Resource Management today discusses NAVFAC Hawai'i Ground Water Use Permits 00085 (Red Hill Shaft - Well No. 3-2254-001), 00086 ('Aiea-Hālawa Shaft - Well No. 3-2255-032), and 00111 (Waiawa Shaft - Well No. 3-2558-010), Moanalua and Waipahu-Waiawa Aquifer System Areas, O'ahu, I want to focus my comments on the Red Hill Shaft and Well.

As a 20-year resident of Honolulu and a water drinker, I believe it is important to review the dangers from the Red Hill jet fuel storage tanks that have already contaminated the drinking water for 93,000 residents of Oahu and that are forecast to contaminate event more drinking water if not shut down:

The [facts presented in a lawsuit](#) filed by the Sierra Club against the Navy present the evidence of the dangers of the 80 year old tanks. These dangers include:

- 1). Eight of the tanks, each containing millions of gallons of fuel, have not been inspected in over two decades; three of these have not been inspected in 38 years;
- 2). Leaked fuel and fuel components have already been found in the groundwater below the facility;
- 3). The thin steel tank walls are corroding faster than the Navy anticipated due to moisture in the gaps between the tanks and their concrete casing;
- 4). The Navy's system to test and monitor tanks for leaks cannot detect slow leaks that may indicate a heightened risk for larger, catastrophic leaks; cannot prevent human error that has led to large releases of fuel in the past; and cannot prevent an earthquake, like the one that spilled 1,100 barrels of fuel when the tanks were brand new.

The [statement of the Oahu Water Protectors coalition](#) provides even more information about the leaks from the storage tanks:

- In 2014, 27,000 gallons of jet fuel leaked from Tank 5;
- In March 2020, a pipeline connected to Red Hill leaked an unknown quantity of fuel into Pearl Harbor Hotel Pier. The leak, which had stopped, started again in June 2020.

Approximately 7,100 gallons of fuel was collected from the surrounding environment;

- In January 2021, a pipeline that leads to the Hotel Pier area failed two leak detection tests. In February, a Navy contractor determined that there is an active leak at Hotel Pier. The Department of Health only found out in May 2021;
- In May 2021, over 1,600 gallons of fuel leaked from the facility due to human error after a control room operator failed to follow correct procedures;
- In July 2021, 100 gallons of fuel was released into Pearl Harbor, possibly from a source connected to the Red Hill facility;
- In November 2021, residents from the neighborhoods of Foster Village and Aliamanu called 911 to report the smell of fuel, later found likely to have come from a leak from a fire suppression drain line connected to Red Hill. -The Navy reported that about 14,000 gallons of a fuel-water mixture had leaked;
- The Navy's own risk assessment reports that there is a 96% chance that up to 30,000 gallons of fuel will leak into the aquifer over the next 10 years.

The Navy has warned that the 80-Year-Old Leaking U.S. Navy Red Hill jet fuel tanks are vital for U.S. national security.

But citizen activists, including the newly formed Oahu Water Protectors coalition, maintain that the real national security issue is the security of the water supply for 400,000 residents on an island 2300 miles from the closest continent and an island considered a key military location for projection of power. If the Honolulu aquifer is contaminated, water would have to be transported from the other aquifers on the island and perhaps even shipped from the continent.

It is ironic that the major test of human security vs. national security centers on the drinking water contamination of the military families and military members that provide the human element of the US military strategy in the Pacific..and that the safety of the 400,000 who drink from the aquifer of [970,000 civilians who live on Oahu](#) will be determined on how the State of Hawai'i and the federal government force the US Navy to eliminate the major catastrophic danger to the islands water supply by finally shutting down the Red Hill jet fuel tanks. The Red Hill jet fuel must be closed and the fuel drained from the storage tanks for the safety and security of all the residents of O'ahu.

Ann Wright
US Army Colonel (Ret)

[REDACTED]
Honolulu, HI 96826
[REDACTED]

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Ann Wright
Dissent: Voices of Conscience
www.voicesofconscience.com

From: [REDACTED]
To: DLNR.CW.DLNRCWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Thursday, December 16, 2021 11:25:57 AM

Form Summary

My Name is: Cora krewson

I reside at: Papaikou hawaii

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th.

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 72.130.115.224 us at 2021-12-16 on iPhone unknown
Entry ID: 3
Referrer: <https://l.instagram.com>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Thursday, December 16, 2021 12:35:56 PM

Form Summary

My Name is: Kalani Reyes

I reside at: Guam

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The US NAVY and the ongoing militarization of Hawai'i jeopardize the safety of the people of Hawai'i, most especially the Hawaiian people, a who have been caretakers and defenders of the land and ocean around Hawai'i for thousands of years. I ask that the DLNR look into this matter with urgency. Red Hill must be decommissioned, the people affected must be compensated, and I demand the US NAVY to have an internal investigation conducted by a 3rd party and to compensate the affected Hawaiian and military families for health-related damages, and the people of Hawaii for mitigation as recurring payments and not a one-time

payment.

The message has been sent from 114.142.229.0 gu at 2021-12-16 on Chrome
88.0.4324.181
Entry ID: 4
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [Kawena Lauriano](#)
To: [Hyatt, RaeAnn P](#); [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Testimony for December 21 meeting
Date: Thursday, December 16, 2021 1:49:12 PM

Aloha mai kākou,

I am writing today to urge the Commission of Water Resource Management to call for the immediate shutdown and drainage of the fuel tanks at Red Hill.

As the agency responsible for managing Hawai'i's natural resources, DLNR has a duty to the people of Hawai'i in protecting our water resources, both freshwater and the ocean. As we all know, Hawai'i has one of the cleanest waters in the world and it is not a renewable resource. It's also one that we often take for granted. This situation with the fuel leaks has shown us just how fragile our water systems are and that the United States military will not support or help the residents of O'ahu when/if the all the water on O'ahu becomes contaminated. I strongly encourage the Commission to fight for the permanent shutdown and removal of these fuel tanks for our safety and our keiki's right to clean water in the future. Ola i ka wai.

Me ke aloha 'āina,
Kawena

From: [REDACTED]
To: DLNR.CW.DLNR.CWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Thursday, December 16, 2021 6:53:03 PM

Form Summary

My Name is: Nani

I reside at: Ka'ōhāo

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments: OLA I KA WAI

The message has been sent from 8.9.92.56 zz at 2021-12-17 on iPhone 15.1
Entry ID: 5
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: DLNR.CW.DENRCWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Thursday, December 16, 2021 7:49:52 PM

Form Summary

My Name is: Ruby Menon

I reside at: [REDACTED] Honolulu HI 96819

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

Shut down red hill. Make the navy drain the tanks so contamination stops. Make the navy provide a cleanup plan that doesn't involve draining the contaminate water into our storm drains or Halawa stream Thank you.

The message has been sent from 72.130.56.122 us at 2021-12-17 on iPhone 15.1
Entry ID: 6
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: DLNR.CW.DENRCWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Thursday, December 16, 2021 8:10:40 PM

Form Summary

My Name is: Lauren King

I reside at: Manoa

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments: For the safety of everyone. For the safety of future generations these tanks need to go.

The message has been sent from 76.172.1.182 us at 2021-12-17 on iPhone unknown
Entry ID: 7
Referrer: <https://l.instagram.com/>
Form Host: <https://form.123formbuilder.com/6056842/form>

12/17/21

Aloha,

To protect our drinking water, please vote to remove fuel from the tanks immediately.

Thank you,
Rita M. Chai
Aiea

December 17, 2021

Department of Land and Natural Resources
Commission on Water Resource Management
P.O. Box 621
Honolulu, Hawaii 96809
Attn: raeann.p.hyatt@hawaii.gov

Re: Testimony re Agenda for December 21, 2021 - hearing

Aloha Commission members.

As a citizen of Honolulu, I write **in support** of shutting down the Navy's Red Hill operations in their entirety, and doing it *now*.

“The Life of our Land” is wholly dependent upon *wai*, water, *pure* water, safe water, unsullied unpolluted drinkable water. It is no accident of linguistics that the Hawaiian word for ‘wealth’ is the reduplication of the word for ‘fresh water.’ *Wai*, fresh water. *Waiwai*, wealth. They are inextricably entwined.

The US Navy's fuel tanks – their rusting, ancient, leaking fuel tanks – are slowly disintegrating a mere hundred feet directly above O`ahu's most precious, most important *waiwai*. Those tanks are no longer viable. They are deadly dangerous. They are far beyond the point of being spot-patched when they leak. They are a direct, Flint-Michigan-type threat to the very life of our land.

They must go. Now.

Simply put, I say **SHUT DOWN RED HILL**.

Mahalo for considering my perspective.

Suzanne Marinelli
Concerned Citizen

From: [Erin Tagomori](#)
To: [Hyatt, RaeAnn P](#)
Cc: [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Written Testimony for December 21, 2021 Commission on Water Resource Management (CWRM) Meeting
Date: Friday, December 17, 2021 2:28:44 PM

Aloha, Chair Case and Commissioners,

The State of Hawai‘i’s Commission on Water Resource Management shares the public trust responsibility to administer the State Water Code and protect the purity of our water resources for current and future generations in Hawai‘i.

I’m writing to urge you to please add pressure from the Hawai‘i Department of Land and Natural Resources to offer a united front with other applicable agencies, such as the Hawai‘i State Department of Health, to compel the Navy to comply with Governor Ige’s mandate to drain the Red Hill Bulk Fuel Storage Facility.

Given the Navy’s track record at the Red Hill tanks, they are unable, and oddly defiantly unwilling, to rectify the longstanding public health and environmental issues surrounding the use of this site. Unfortunately, it took hundreds of complaints from military families to bring more of the recent awareness to the decades-long problem with the leaking tanks. As much as the Navy has tried to spin each leak as an extremely isolated incident, the evidence on the contrary is irrefutable. It’s unconscionable to continue with the status-quo — I believe that only continued pressure from all fronts will give the people of Hawai‘i a chance to finally coerce the Navy to respond to the mess they’ve created in a more tangible and meaningful way.

Protecting the nation’s interests in the Pacific shouldn’t come at the expense of the health and well-being of the people and wildlife of Hawai‘i. No amount of jet fuel in our drinking water is acceptable.

Thank you for your time and consideration of this testimony.

Sincerely,
Erin Tagomori

From: [REDACTED]
To: DLNR.CW.DLNRCWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Friday, December 17, 2021 6:52:35 AM

Form Summary

My Name is: Brandon

I reside at: Kailua Kona

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 66.75.126.214 us at 2021-12-17 on iPhone unknown
Entry ID: 8
Referrer: <https://l.instagram.com/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Friday, December 17, 2021 6:56:52 AM

Form Summary

My Name is: Claire musial

I reside at: [REDACTED]

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments: WAKE UP! ALOHA KE AKUA

The message has been sent from 107.77.229.85 us at 2021-12-17 on iPhone 14.1.2
Entry ID: 9
Referrer: (no referrer)
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Friday, December 17, 2021 8:44:27 AM

Form Summary

My Name is: Diliaur Tellei

I reside at: Makiki, Honolulu

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

I think the above points say it all. The Red Hill facility is not safe and threatens the ability of the population of Oahu to continue to live on this island. The numbers and US military negligence over decades speak for themselves. I get that the Navy wants to ignore and hope the problem goes away, sure. I'll reserve comments on that except to say that tactic is not ever and was never going to be possible here. Drain the tanks and decommission the facility. It's time.

The message has been sent from 75.85.52.78 us at 2021-12-17 on Firefox 95.0
Entry ID: 10
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Friday, December 17, 2021 9:03:26 AM

Form Summary

My Name is: David Shizuma

I reside at: [REDACTED] Kaneohe, HI

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uuloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The potential for the contamination to spread throughout the aquifer is real and could render drinking water all around the island unusable. Due to our location being so isolated from other sources of drinking water - it would take a tremendous amount of money and resources to provide drinking water (and water for everyday uses) to Oahu. Our island habitat could be affected tremendously, the amount of people sustainable on this island would decrease by a large amount, and the effects from additional spills would last for decade, to which I assume you are already aware. The potential financial, environmental, and social impacts of future

leaks could negatively change our way of life as we know it today.

The message has been sent from 208.127.84.107 us at 2021-12-17 on Chrome
96.0.4664.110
Entry ID: 11
Referrer: (no referrer)
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Friday, December 17, 2021 9:33:06 AM

Form Summary

My Name is: Erika A

I reside at: Kalihi Valley and Waiawa

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

Aloha, my name is Erika. Born and raised here on O'ahu, in Waiawa and Kalihi. I believe this bill will help to ensure that the future of our water and land will never be contaminated, disregarded, and desecrated (just as the US Navy has) ever again. Our water has been regarded as one of the most purest waters of the work, sustaining life for the 'aina and po'e of Hawai'i — as this is something that could have been prevented years ago, we must do all that we can now to restore water and protect it for our future. Without water, there is no life. The US Navy has also shown us that they have no regard for protecting its people they claim to protect.

They have lied, hidden, and fought back against any call and action to ensure the health and safety for all people of Hawai'i — and for that, they need to shut down Red Hill. Thank you for your time.

The message has been sent from 72.130.57.173 us at 2021-12-17 on iPhone 15.1
Entry ID: 12
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Friday, December 17, 2021 2:29:43 PM

Form Summary

My Name is: Wailani

I reside at: Hawai'i Island

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The Red Hill storage tanks should be shutdown and drained IMMEDIATELY and the U.S. Navy should never be allowed or permitted in relocating those jet fuel tanks because we live on an island, Leaks are inevitable and it's irresponsible for anyone to permit the blatant destruction of our waters, lands, people and oceans. SHUTDOWN RED HILL. DRAIN THE TANKS.

96.0.4664.92

Entry ID: 13

Referrer: (no referrer)

Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Friday, December 17, 2021 2:57:24 PM

Form Summary

My Name is: Keoni DeFranco

I reside at: Los Angeles, CA

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

Red Hill is a clear and present danger to the water supply of Oahu. The fuel facility has constantly leak since the 1940s and sits just 100 ft above the South Oahu aquifer which services 70% of Oahu's water. There is no known way to clean petroleum from an aquifer for when it does spill into the public's water supply. It is unacceptable to continue to put so much of Oahu's water supply at risk. Please drain Red Hill as quickly as possibly and decommission the facility or we will face a day when the majority of the island has to evacuate and Oahu will face generational devastation to its water supply. That is an unacceptable outcome given

how many warnings we've had.

The message has been sent from 68.100.84.65 zz at 2021-12-17 on Chrome 96.0.4664.45
Entry ID: 14
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Saturday, December 18, 2021 3:12:00 AM

Form Summary

My Name is: heather

I reside at: big island hawaii

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

I pray for the human race . for money which is nothing , wouldn't rule so many. to lose sight of what matters. to have to fight for water , that is every humans . military has no right over it? the fact that it is poisoning the water , effecting humans & animals & it acting like it's not big deal ? the "smallest" are the most important this is major & I hope these people would want their children to have safe water , to see sea life . this world isn't about money & jobs & status. that's the joke, the game & so many are losing . what matters is health and happiness. we all want to feel heard, understood, seen.. & I wish for the world to use their hearts. aloha mahalo

The message has been sent from 107.77.215.17 us at 2021-12-18 on iPhone 13.1.2

Entry ID: 18

Referrer: (no referrer)

Form Host: <https://form.123formbuilder.com/6056842/form>

From: [Patricia Blair](#)
To: [DLNR.CW.DLNRWORM](#)
Cc: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Shut down Red Hill forever. Require Navy to remove fuel! Monitor carefully disposals! The Navy has acted without integrity in regards to human life. Our water is precious! It provides life!
Date: Saturday, December 18, 2021 8:51:28 AM

Patricia Blair, Kailua, 

Sent from my iPad

12/19/21

Hi:

I am a retired 67 year old living in Salt Lake in Honolulu.

For the past 2 years my colleagues and I in POA have been trying to sound the alarm about the very possible contamination of the aquifer due to the location of the Navy's underground fuel tanks. For the most part this alarm fell on deaf ears. Obviously, it took the actual poisoning of people and pets to get any attention on this matter.

With the DOH aiding and abetting the Navy's agenda, along with the apathy of our Governor, Congressional representatives and senators and local government, this catastrophe was allowed to happen.

The Navy has been allowed to operate these USTs illegally even since the 27,000 gallon leak in 2014. We naively assumed SOMEONE was looking after the public interest and holding the Navy accountable for the leak. "Assume" is the most dangerous word in the English language.

I would urge you to do whatever you can to see to it that any permits for underground fuel storage tanks are revoked immediately and the Navy be held responsible for the safe permanent removal of this fuel and for cleanup of the area under and around these tanks.

Thank you for your time,
Lynda Nishihara

From: [REDACTED]
To: [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Testimony for The Commission of Water Resource Management
Date: Sunday, December 19, 2021 12:05:49 AM

Testimony for MEETING OF THE COMMISSION ON WATER RESOURCE
MANAGEMENT

DATE: TIME: [December 21, 2021 9:00 am.](#)

Meeting ID: 847 8525 0127

Aloha Members of the CWRM

I respectfully submit this written testimony out of deep concern over the current water contamination crisis.

I agree with DOH that fuel tanks 100 feet above our sole source aquifer is inherently dangerous. It is too much of a risk to all residents of Hawaii. To have deteriorating underground single wall fuel tanks that cannot have a cathodic system to prevent rust because of the way it was constructed 80 years ago, 100 feet from our aquifer, cannot be 100% guaranteed not to leak, malfunction, or eliminate human error. Having the fuel tank pipe system in the same tunnel system as the aquifer and water system, as the Navy does, is also beyond dangerous. If you look at HBWS tunnels in their wells/water shafts, there are only pipes for water. Which is how it should be to keep everything secure and safe. Not fuel tank pipes and water pipes and an entrance to the aquifer, all in the same tunnel system. The Navy has demonstrated time and again that they cannot operate and maintain the Red Hill Fuel Tank Farm safely. Mediator Chang for the DOH contested hearing in Feb 2021, noted the multiple deficits in the maintenance of the fuel tanks that was brought out in the hearing as well.

It's a black hole that they keep propping up, wasting our tax payers money.

Engineering feat maybe in 1942, and like the surgeon, said the surgery went well but the patient died. Also do not forget the 27,000 gallons of fuel in 2014 that was spilled/leaked and the Navy doesn't know where it went - except out of their tanks. That is also somewhere in the aquifer. Along with all the other leaks over the 80 year history of the tanks. The A.O.C. has failed to protect our aquifer.

We live on an island in the middle of the Pacific ocean and it's not a matter of having water driven over from elsewhere, there is no elsewhere. Without a healthy, functioning, non-contaminated aquifer, our economy would fail, the real estate market would suffer, and it would surely destroy our agriculture businesses. Not to mention the health issues, both immediate and long term, on our families, children, ourselves. And I am really sad and upset that I will have to give up my garden after working so hard to buy my house and finally having the time to enjoy it.

Drought and climate change makes this an even more precious resource that we have taken for granted and abused for too long.

The Navy has cited national security but I do not believe they don't have a

contingency plan as they know that 80 year old tanks don't last forever. There is a plan B always. There is not enough water available in the public system side to provide water to the military on Oahu and the current public usage demand. Long term, the overall effect will force a downsizing of the military stationed on Oahu due to water limitations. This will surely impact on military readiness. And even more severely with ongoing chronic/episodic contamination. Already, military families are choosing posts other than Hawaii.

I support revoking the water use permit for NAVFAC Hawai'i Ground Water Use Permits 00085 (Red Hill Shaft - Well No. 3-2254-001), 00086 ('Aiea-Halawa Shaft - Well No. 3-2255-032), and 00111 (Waiawa Shaft - Well No. 3-2558-010), Moanalua and Waipahu-Waiawa Aquifer System Areas, O'ahu. I also strongly support DOH and Gov. Ige's emergency order, for immediate action, to empty the tanks and move the fuel off our aquifer now before further damage is done to our aquifer. I also support immediate and permanent shut down of the Red Hill Fuel Tank Farm.

Thank you for your consideration of my testimony.

Lois Berger/Aiea

Sent from my iPad

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 9:28:06 AM

Form Summary

My Name is: Cheryl Burghardt

I reside at: [REDACTED] Kou, O`ahu

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu`uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai`i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O`ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

I live in Kou. It is in direct line for any issues. Every day, I wait to hear that the aquifer has been breached. The Navy is not trustworthy and it's about time the DLNR, Hawai`i govt. officials thought more of the safety of our water and people than that of the US military. We all know that claims of national security don't include our security and safety. We are expendable to the US, always have been and will continue to be so. DO THE Right thing. Ensure the tanks are drained immediately and no more permits from you, DOH or anyone. Enough is enough. #shutdownredhill

The message has been sent from 50.113.23.77 us at 2021-12-19 on Safari 15.1
Entry ID: 21
Referrer: (no referrer)
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 9:34:27 AM

Form Summary

My Name is: Charmaine T Doran

I reside at: Pearl City

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments: If everyone was doing their jobs the tanks would have already been moved. This would have never happened.

The message has been sent from 76.172.35.116 us at 2021-12-19 on iPhone 14.1.2
Entry ID: 22
Referrer: <https://t.co>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 9:48:45 AM

Form Summary

My Name is: Bob Douglas

I reside at: [REDACTED] Hilo, HI

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 24.165.11.100 us at 2021-12-19 on iPhone 15.2
Entry ID: 23
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 9:53:00 AM

Form Summary

My Name is: Wynona Owen

I reside at: Kailua, HI

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 174.216.65.167 us at 2021-12-19 on iPhone 14.1.2
Entry ID: 24
Referrer: <https://t.co>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: DLNR.CW.DENRCWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 10:17:54 AM

Form Summary

My Name is: Uahikea Maile

I reside at: Maunawili, O'ahu

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 174.91.11.248 ca at 2021-12-19 on iPhone 14.1.2
Entry ID: 25
Referrer: <https://t.co>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 12:29:54 PM

Form Summary

My Name is: Nora Schubert

I reside at: Kaka'ako, Oahu, Hawaii

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

Written Testimony There is no other solution to the deplorable duplicitous actions of the US Military, especially the US Navy, but to immediately drain all the fuel tanks located at Red Hill. That we are here in 2021 confronted with another catastrophic poisoning of our largest water aquifer on the island of Oahu is not only shameful, it is also deplorable. The tanks should have been decommissioned and drained decades ago. That these tanks were ever built directly over our aquifer is an act of domestic terrorism under the guise of "national security". What was an idiotic horrible decision during World War II to build these fuel tanks on Red Hill is

especially heinous to have them still there and operating in 2021. It is inexcusable and must be remedied immediately by draining the tanks completely of their fuel and relocating the storage tanks elsewhere where they do not pose a dire life threat to all the people, animals, and the Āina of Oahu. I am a lifelong resident of Hawaii, born and raised here, together with my children. We can no longer allow the military to continue to threaten our lives by their lying and withholding of critical information and data. The military desecrated and destroyed the fresh water aquifer on Kahoolawe, continue to poison and desecrate Pohakuloa, and Makua under the guise of "national security". Shame on them and shame on us if we allow this poisoning and desecration to continue. Without clean fresh water, there is no lifeblood for our island. Without fresh untainted clean water, we all cease to exist. Demand the military permanently cease operations at Red Hill and immediately safely drain all the fuel tanks.

The message has been sent from 24.165.36.16 us at 2021-12-19 on iPhone 15.1

Entry ID: 27

Referrer: <https://t.co/>

Form Host: <https://form.123formbuilder.com/6056842/>

From: [REDACTED]
To: [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 1:52:58 PM

Form Summary

My Name is: Kuulei Higashi Kanahele

I reside at: Hawaii

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 66.8.149.99 us at 2021-12-19 on iPhone 15.1
Entry ID: 28
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 2:48:23 PM

Form Summary

My Name is: Jamaica Osorio

I reside at: Wahiawa, O'ahu

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 98.155.164.230 us at 2021-12-19 on iPhone 15.1
Entry ID: 29
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 2:49:53 PM

Form Summary

My Name is: Arjuna Heim

I reside at: Palolo Valley

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The navy and DOH have an agreement that's not open to the public, continuing their legacy of secrecy and deceit. They have proven they are willfully ignorant to the harm the red hill tanks cause Oahu and should no longer be permitted to operate any further.

The message has been sent from 66.75.99.78 us at 2021-12-19 on iPhone 15.0
Entry ID: 30
Referrer: <https://t.co/>

Form Host: <https://form.123formbuilder.com/6056842/>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 4:53:36 PM

Form Summary

My Name is: Kylie Akiona

I reside at: Mililani

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The US military is the world's biggest polluter, and a destroyer of sovereign Indigenous nations like Hawai'i. Our pae 'āina and all of its residents deserve the human right to clean water. Killing their own people, poisoning Native Hawaiians and non-military residents, and harming people for generations to come is unacceptable and cannot continue to be tolerated. It's far past time to take action and remove the fuel tanks from Kapūkakī and demilitarize Hawai'i.

The message has been sent from 98.151.250.31 us at 2021-12-19 on iPhone 15.1
Entry ID: 37
Referrer: (no referrer)
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: DLNR.CW.DLNRCWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 2:55:53 PM

Form Summary

My Name is: Lauren Simpson-Gomez

I reside at: [REDACTED]

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 174.202.1.123 us at 2021-12-19 on iPhone unknown
Entry ID: 31
Referrer: <https://l.instagram.com/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 3:07:47 PM

Form Summary

My Name is: Ethan Porter

I reside at: [REDACTED]

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again.

Additional Comments:

The message has been sent from 72.235.216.226 us at 2021-12-19 on iPhone 15.1
Entry ID: 32
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: DLNR.CW.DENRCWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 3:18:16 PM

Form Summary

My Name is: Barryn Chun

I reside at: [REDACTED] Kaneohe, HI

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

To the DLNR/Navy, please stop approaching this as an environmental/political issue, and one of common sense, for the people of O'ahu and Hawai'i.

The message has been sent from 72.235.90.192 us at 2021-12-19 on Chrome
96.0.4664.51
Entry ID: 33
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 3:47:49 PM

Form Summary

My Name is: Krystal Kahele

I reside at: [REDACTED]

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

People are getting sick from drinking the tainted water. I don't believe anyone's life is expendable for US military profit. Most importantly, water is very sacred in Hawaiian culture and since this is Hawaiian land I think that should be respected.

The message has been sent from 76.88.131.56 us at 2021-12-19 on iPhone 15.1
Entry ID: 34
Referrer: <https://t.co/>

Form Host: <https://form.123formbuilder.com/6056842/>

From: [REDACTED]
To: DLNR.CW.DLNR.CWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 4:36:34 PM

Form Summary

My Name is: Brett Jones

I reside at: Kāne'ohe

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 76.173.195.38 us at 2021-12-19 on iPhone 15.1
Entry ID: 36
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 4:54:56 PM

Form Summary

My Name is: Doris Yang

I reside at: Honolulu

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 98.151.250.31 us at 2021-12-19 on iPhone 15.1
Entry ID: 38
Referrer: (no referrer)
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: DLNR.CW.DENRCWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 6:03:12 PM

Form Summary

My Name is: Jason Mark Alexander

I reside at: [REDACTED] Honolulu 96848, Hawai'i, USA

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments: Please stop the catastrophe from expanding and remove the tanks.

The message has been sent from 66.162.254.210 us at 2021-12-20 on Firefox 95.0
Entry ID: 39
Referrer: <https://l.instagram.com/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 6:18:36 PM

Form Summary

My Name is: Danielle Espiritu

I reside at: Waimalu, Hawai'i

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

These leaks have been catastrophic and pose an immense public health and environmental risk. They Red Hill Fuel Storage Facility must be shut down permanently and all fuel removed immediately. The health and future of our water, land, and people are at stake.

Referrer: (no referrer)

Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 8:13:21 PM

Form Summary

My Name is: Breimon 'Ohana

I reside at: Kailua

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

It is undeniable that the very construction of the Red Hill facility, just 100 feet above the aquifer that supplies 77% of the island's water, was heedless. But how can it be that after running the facility for 80 years, the Navy is still unable to test locally for petroleum contamination? How can it be, following the 27,000 gallon spill in 2014, that the Navy still has no plan in place eight years later? Since the public first learned of the facility's existence, many residents, officials, and local environmental advocates have considered Red Hill an inevitable environmental and public health disaster. But obviously, our concerns have long been written off. We have been

given the run-around for years, but we are done with all the lies and secrecy, done with all the unjust risk. All of O'ahu must conserve water now, as one of our shafts and two of our wells have been shut down—possibly permanently—and the remaining wells carrying the load are at risk for pumping too much and causing salt intrusion. We do not know where or how the contamination plume is moving underground, but we know that fuel does not dissolve from water and has a tendency to stick the walls of pipes, so if the contamination reaches the rest of O'ahu water sources, the situation will be more than unmanageable: it will be catastrophic. We cannot allow the fuel-filled tanks to remain in commission. The Navy clearly cannot be trusted. And allowing the military to continue poisoning our island's pristine aquifers because they say they will run the water through a filter afterwards is unacceptable.

The message has been sent from 76.172.29.241 us at 2021-12-20 on Chrome
96.0.4664.93
Entry ID: 43
Referrer: (no referrer)
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 8:35:20 PM

Form Summary

My Name is: Sienna

I reside at: Kailua

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 76.173.183.236 us at 2021-12-20 on iPhone 15.0
Entry ID: 44
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 8:37:28 PM

Form Summary

My Name is: Kelly Nakamura

I reside at: Waialae Avenue

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

I am worried that my children and grandchildren will not have safe drinking water. I grew up in Kaimuki. I went to California for college and ended up studying and working on the mainland for 15 years. But Hawaii has always been my home and I believe that Hawaii is the best place to raise a family. In 2019, I was lucky to find a job at Queen's Medical Center as an internal medicine doctor. My coworkers and I have been in the hospital throughout the pandemic. It has been stressful to say the least. Now I find out our drinking water is not safe! Everyone in Hawaii deserves clean water from the tap. The Red Hill Bull Fuel Storage Facility is a threat to our

physical, mental and spiritual well being. Please shut
down Red Hill.

The message has been sent from 98.150.144.96 us at 2021-12-20 on iPhone 14.1.2

Entry ID: 45

Referrer: (no referrer)

Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 8:40:49 PM

Form Summary

My Name is: Brannon Kamahana Kealoha

I reside at: Waianae, Hawaii

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The Navy has done nothing but constantly lie the last 80 years or so. We are not and should not be, required to afford any trust to this proven and willfully deceptive murderer because their policy is to kill not to defend.

The message has been sent from 66.8.182.58 us at 2021-12-20 on iPhone 15.2
Entry ID: 46
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: DLNR.CW.DLNR.CWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 8:44:21 PM

Form Summary

My Name is: bruce watson

I reside at: Honolulu

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 72.235.13.232 us at 2021-12-20 on Safari 15.1
Entry ID: 47
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [Hyatt, RaeAnn P;](#) [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Testimony for 12/21 CWRM meeting
Date: Sunday, December 19, 2021 9:10:29 PM

Aloha,

My name is Sam Ikehara. I was born and raised on O‘ahu and have received my water from Halawa aquifer my entire life. It has fed me, my family, my friends, and all the places I love most in this world. That is why, for both myself and so many others, the disaster that has been unfolding around the Red Hill fuel tanks has me incredibly concerned, frustrated, and angry. A Declaration of Water Emergency is needed to trigger more urgent and comprehensive actions to protect the water resources and public health and safety. I urge CWRM to pressure the Governor to declare an emergency immediately.

Because the Commission of Water Resource Management is tasked with "regulating the use of water resources in water management areas, and coordinate activities necessary to insure the protection of native Hawaiian water rights," I want to see the CWRM take a much more active role in this ongoing struggle to shut down Red Hill. The Department of Health has become the primary state entity working with the Navy on this issue. But in light of the recent news that neither the media nor the public will have access to the Drinking Water Distribution System Recovery Plan, it is apparent that we are still struggling with the same issues of lack of trust and transparency from all involved parties, not just the Navy (though the Navy is by far the most guilty of this), but also DOH and EPA.

This lack of transparency is completely absurd and unacceptable and this is where I see CWRM having a more active role. I request that CWRM have monthly hearings on the Red Hill storage facility and that DOH director and Navy officials are **required** to attend these meetings. They are not allowed to no-show like they did with the special City Council hearing. As state-assigned protectors of Hawai‘i’s water, CWRM must take a hard stance and commit to keeping Red Hill as a topic of PUBLIC meetings--this means no AOC. We have been in this exact position before with the tanks and the people and lands of O‘ahu cannot afford to wait for more spills and leaks before more is done. It should have never even gotten this far in the first place. We can accept no less than an immediate and permanent shut down of this facility before an even greater disaster is upon us. I want to strongly reiterate this point, especially because chairperson of CWRM Suzanne Case was one of a handful of people who signed onto a statement that was, at this point, far too weak in its conviction. "Suspension of operations" is not enough. We need IMMEDIATE defueling. We need a PERMANENT shut down of this facility.

The Department of Health cannot be overseeing Navy permits and water usage alone--CWRM must have a crucial and primary role in this, especially to safeguard against any potential (or sadly, further) impact or damage to Halawa aquifer. When I think of what BWS said, that Halawa aquifer may be permanently damaged, I am filled with grief and rage. The Navy can never make up for what they have done. They cannot regain the trust of the people of Hawai‘i (which, for many, they never had in the first place). There are no reparations possible for such violence to land and people. All the Navy can do is clean up their mess and leave.

Thank you for this opportunity to submit written testimony.
Sam Ikehara

--

sam ikehara
ph.d. candidate, department of american studies & ethnicity
university of southern california

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 9:22:52 PM

Form Summary

My Name is: Leiolani Faurot

I reside at: Makakilo

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

As a Hawaii Resident I am alarmed at the lack of accountability that the navy is facing and showing us as residents. we have no idea how the aquifers work and this is TERRIFYING. They have no plan to help residents that live here that can't just move like these military families. SHUT IT DOWN.

Referrer: <https://t.co>

Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 9:37:42 PM

Form Summary

My Name is: Aree Worawongwasu

I reside at: [REDACTED] Apartment 201

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 98.151.77.109 us at 2021-12-20 on Chrome
96.0.4664.93
Entry ID: 50
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 9:56:52 PM

Form Summary

My Name is: Grace Tsubaki-Noguchi

I reside at: Honolulu

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 172.56.44.120 zz at 2021-12-20 on iPhone unknown
Entry ID: 53
Referrer: <https://l.instagram.com>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 9:58:54 PM

Form Summary

My Name is: Alika Akiona

I reside at: Mililani

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The US military is the world's biggest polluter, and a destroyer of sovereign Indigenous nations like Hawai'i. Our pae 'āina and all of its residents deserve the human right to clean water. Killing their own people, poisoning Native Hawaiians and non-military residents, and harming people for generations to come is unacceptable and cannot continue to be tolerated. It's far past time to take action and remove the fuel tanks from Kapūkakī and demilitarize Hawai'i.

The message has been sent from 98.151.250.31 us at 2021-12-20 on iPhone 15.1
Entry ID: 54
Referrer: (no referrer)
Form Host: <https://form.123formbuilder.com/6056842/Red-Hill-DLNR-1221>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 9:59:09 PM

Form Summary

My Name is: Kamuela Napoleon

I reside at: Mililani, HI

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

Hawai'i cannot sustain itself without water. The navy must act to prevent any further damage or generations will feel the consequences.

The message has been sent from 98.155.73.174 us at 2021-12-20 on iPhone 14.1.2
Entry ID: 55
Referrer: (no referrer)
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: DLNR.CW.DENRCWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 10:00:33 PM

Form Summary

My Name is: Charlene holani

I reside at: Hawaii

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments: SHUT DOWN RED HILL TANKS AND CLEAN UP THE WATER

The message has been sent from 72.234.110.23 us at 2021-12-20 on iPhone unknown
Entry ID: 56
Referrer: <https://l.instagram.com>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [Kristi Chun](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Commission on Water Resource Management
Date: Sunday, December 19, 2021 10:01:55 PM

Aloha,

For an island state water is priceless and irreplaceable. We know Hawaii is not an affordable place to live but my 4yr old will be the 5th generation of my family to grow up here. We've worked hard to remain in Hawaii because it's our HOME. Generations have given their literal blood sweat and tears to protect and nurture this land, including my grandfather in WWII.

We've given the Navy countless opportunities to follow through on promises. Each time we are told it will never happen again. This time, thousands are sick as a result. It's horrific. Don't allow a repeat of Flint in Hawaii. Water is life. Without it we have nothing.

Hawaii people are among the most selfless, hardest working I know. Hawaii deserves to have:

- Monthly commission hearings on Red Hill
- DOH Director to attend all Red Hill briefs in person
- ALL meetings, reports, findings to be PUBLIC
- Review of Navy permits and water usage potential impact on Halawa aquifer
- Navy attend all public hearings on Red Hill

We already have so many threats to our way of life. A water crisis would be devastating. We cannot afford to sweep this under the rug again. We demand better.

Thank you

Kristi Chun
Oahu Resident



From: [REDACTED]
To: DLNR.CW.DLNR.CWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 10:06:07 PM

Form Summary

My Name is: Kathleen Corpuz

I reside at: [REDACTED] 96816

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 66.91.45.180 us at 2021-12-20 on iPhone unknown
Entry ID: 58
Referrer: <https://l.instagram.com/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 10:06:02 PM

Form Summary

My Name is: Sun Kim

I reside at: [REDACTED]

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 72.253.238.230 us at 2021-12-20 on iPhone unknown
Entry ID: 57
Referrer: <https://l.instagram.com/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 10:11:52 PM

Form Summary

My Name is: Amy Parsons

I reside at: Kailua, Oahu

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

The message has been sent from 24.25.250.14 us at 2021-12-20 on Chrome
96.0.4664.104
Entry ID: 59
Referrer: <https://l.instagram.com/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 10:13:25 PM

Form Summary

My Name is: Taylor García

I reside at: [REDACTED]

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments: Clean drinking water is a basic human right.

The message has been sent from 174.202.7.226 us at 2021-12-20 on iPhone 14.0.2
Entry ID: 60
Referrer: (no referrer)
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [Frederick Reppun](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Testimony for Dec. 21 meeting
Date: Sunday, December 19, 2021 10:15:45 PM

Testimony for agenda item B.1.

Dear members of the Commission,

I ask you to take every action available to the Commission to rectify the Navy's poisoning of O'ahu's groundwater. The direct consequences of this contamination are bad enough, and I do not need to spell them out. The long term effects are also frightening. I am a resident of Windward O'ahu, my family farms taro, and my career is in the protection of estuaries. I fear that widespread contamination of Honolulu's drinking water supply will put pressure on the other water sources on the island, thwarting communities' efforts to protect in-stream uses and traditional and customary rights. This would set the stage for long and costly legal battles, where no one really wins.

Please do what you can to ensure those tanks are drained and decommissioned.

Aloha,
Fred Reppun
[REDACTED]
Kāneohe, HI 96744

--
Frederick Reppun
Education Coordinator
He'eia National Estuarine Research Reserve
[REDACTED]

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 10:38:44 PM

Form Summary

My Name is: Joy Loo

I reside at: Kaumana, Hawai'i

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Additional Comments:

The message has been sent from 24.165.7.248 us at 2021-12-20 on iPhone unknown
Entry ID: 61
Referrer: <https://l.instagram.com>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 10:41:46 PM

Form Summary

My Name is: Danielle Smith

I reside at: Kapolei HI

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

I want demand more weekly meetings about this issue that involves the public, as well as more ready information on areas affected, potentially affected, and long term plans to address current fresh water shortage.

The message has been sent from 198.212.30.154 us at 2021-12-20 on iPhone unknown
Entry ID: 62
Referrer: <https://l.instagram.com>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [Kristen Young](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Testimony for 12/21/21 meeting (re: Red Hill crisis)
Date: Sunday, December 19, 2021 10:43:55 PM

Aloha to those of you who serve on the **Commission on Water Resource Management (CWRM)**,

I am a resident of O'ahu. I know I don't have to tell you how important water is because you and I, and every living thing, depend on clean water.

So instead, I will encourage you to **relentlessly hold the Navy accountable** for contaminating the water supply and make sure the Navy does everything in its power to shut down the Red Hill fuel storage facility. It is imperative that action be taken NOW to prevent a greater catastrophe in the future.

I strongly support the implementation of the following actions:

1. Hold monthly Commission meetings about Red Hill
2. Director of Department of Health (DOH) personally attend all Red Hill briefings
3. CWRM and DOH commit to keeping future Red Hill conversations public
4. Review all Navy permits and water usage at Red Hill for potential impacts to the Halawa aquifer
5. Order the Navy to attend all public hearings regarding Red Hill

Keeping Hawai'i and its people safe was never the intention of the U.S. military, and the Navy is showing that our health and safety is still *not* a priority for them. We, the people of Hawai'i, must be the ones to protect our land and water. The Navy should not have any authority on these islands, especially if they can't respect a basic necessity for life.

No matter the supposed 'benefits' the military brings to Hawai'i, nothing is worth sacrificing our water. I am counting on you to manage and protect our most precious resource—our water.

Mahalo nui for your support.

Sincerely,
Kristen Young

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 11:00:09 PM

Form Summary

My Name is: Mari Matsuda

I reside at: [REDACTED] honolulu 96822

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

I drink water. A simple statement that binds us together here. There are no second chances with our aquifer. Wait and see could force us from our home. Have the courage and foresight to act now, please.

The message has been sent from 172.56.44.74 zz at 2021-12-20 on Safari 14.1.2
Entry ID: 63
Referrer: <https://t.co/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Sunday, December 19, 2021 11:26:48 PM

Form Summary

My Name is: Nickie Shintani

I reside at: Honolulu

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

If fuel leakage makes it into the aquifer, it will not be able to be removed and will contaminate our pure water source for years to come, jeopardizing the health of everyone living in the area that the aquifer provides water, and putting pressure on the water sources of the whole island.

Referrer: <https://t.co/>

Form Host: <https://form.123formbuilder.com/6056842/form>

December 20, 2021

Re: Testimony to the Commission on Water Resource Management regarding Red Hill Fuel Storage Facility

Aloha Water Commissioners,

My name is Dr. Rosie Alegado and I'm an Associate Professor of Oceanography at the University of Hawai'i at Mānoa and for full disclosure, am the Vice Chair of Honolulu Climate Change Commission. As a scientist, water drinker, and most importantly mother, I strongly support increased involvement and oversight from the Commission on Water Resource Management in the urgent issues relating to the Red Hill Fuel Storage Facility. The Facility threatens a primary source of drinking water on the island of O'ahu and therefore health, safety and indeed LIVES of at least 400,000 residents. The actual risk is higher given that many commute to the urban core of Honolulu for work or school.

My research involves monitoring the water quality of our coasts and I have taught Aquatic Pollution in the Global Environmental Science program for the past 6 years. In short, I have a strong understanding of the science of contamination of aquifers by petroleum hydrocarbons. One of the most unique aspects of the Hawaiian Islands as compared to other Pacific Islands was the formation of a dyke complex system millions of years ago that now provides 90% of our drinking water from these underground aquifers. O'ahu's age and geological formations have enabled the development of the city of Honolulu and supported many of the major economies (tourism and the military) that support our society - for better or worse, and they are now at risk.

While I would normally say that climate change poses the greatest risk to humanity, there is currently no greater environmental risk to the people of O'ahu than the continued presence of fuel just 100 ft above one of our main sources of drinking water. The Red Hill facilities tanks are encased in aging concrete. The original steel liners have corroded over the past 80 years to be less than one-third of their original thickness in many places. The tanks have already leaked 180,000 gallons of fuel since they were constructed and by the Navy's own risk assessment from 2018 concluded that the probability of an acute leak of between 1,000 and 30,000 gallons over the next ten years is 96%. The Navy cannot prove that the tank or tank system will not leak regulated substances into the environment.

Just as we only have 1 planet, we have only 1 Honolulu. One of the hardest questions I have ever had to answer is the one posed to me by my 9-year-old son, "Will I be able to live on this island when I grow up?" It is because of my children and our future generations that I feel absolutely compelled to speak out about this matter. There is unassailable evidence that if the Red Hill facility were not present, our primary aquifer would not be contaminated. The Navy has argued that the latest spill on November 20, 2021 was not due to the tanks, but it is abundantly clear that no leak would have happened at all - from tank or antiquated pipes, had the facility been shut down and the fuel drained. Shutting down Red Hill and removing the fuel immediately and entirely is the only way to guarantee the safety of our water and our people.

I ask that the Water Commission review all Navy permits and water usage at Red Hill in order to bring additional oversight into the potential impacts to the Halawa aquifer. I further request that the Water Commission strongly urge the U.S. Navy to attend all public hearings regarding Red Hill so that they cannot deny awareness to the numerous harms that have derived from the continued storage of fuel so close to a critical water source.

Thank you for the opportunity to testify and providing the opportunity for the public to give input into this important matter.

Aloha 'āina,



Rosanna 'Anolani Alegado

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[Resolution 21-276](#): Urging the permanent removal and relocation of the U.S. Navy Red Hill Bulk Fuel Storage Facility underground storage tanks.

**3-minute oral testimony*

Sample testimony

Meeting date: 12/15/2021

Council/PH Committee: Council/public hearing

Agenda Item: Resolution 21-276

Position: Support

Aloha Chair Waters, Vice Chair Kia'āina, and Councilmembers,

My name is Dr. Rosie Alegado and I'm an Associate Professor of Oceanography at the University of Hawai'i at Mānoa in addition to serving as the Vice Chair for the City and County of Honolulu Climate Change Commission. As a scientist, water drinker, and most importantly mother, I strongly support Resolution 21-276, urging the permanent removal and relocation of the U.S. Navy Red Hill Bulk Fuel Storage Facility underground storage tanks. While I would normally say that climate change poses the greatest risk to humanity, there is currently no greater environmental risk to the people of O'ahu than the continued presence of fuel just 100 ft above one of our main sources of drinking water.

My research involves monitoring the water quality of our coasts and I have taught Aquatic Pollution in the Global Environmental Science program for the past 6 years. In short, I have a strong understanding of the science of contamination of aquifers by petroleum hydrocarbons. One of the most unique aspects of the Hawaiian Islands as compared to other Pacific Islands was the formation of a dyke complex system millions of years ago that now provides 90% of our

drinking water from these underground aquifers. O'ahu's age and geological formations have enabled the development of the City and supported many of the major economies (tourism and the military) that support our society - for better or worse, and they are now at risk.

The Red Hill facilities tanks are encased in aging concrete. The original steel liners have corroded over the past 80 years to be less than one-third of their original thickness in many places. The tanks have already leaked 180,000 gallons of fuel since they were constructed and by the Navy's own risk assessment from 2018 concluded that the probability of an acute leak of between 1,000 and 30,000 gallons over the next ten years is 96%. The Navy cannot prove that the tank or tank system will not leak regulated substances into the environment.

Just as we only have 1 planet, we have only 1 Honolulu. One of the hardest questions I have ever had to answer is the one posed to me by my 9-year-old son, "Will I be able to live on this island when I grow up?" It is because of my children and our future generations that I feel absolutely compelled to speak out about this matter. There is unassailable evidence that if the Red Hill facility were not present, our primary aquifer would not be contaminated. The Navy has argued that the latest spill on November 20, 2021 was not due to the tanks, but it is abundantly clear that no leak would have happened at all - from tank or antiquated pipes, had the facility been shut down and the fuel drained. Shutting down Red Hill immediately and entirely is the only way to guarantee the safety of our water and our people.

Thank you for the opportunity to testify and for taking up this important measure at the council.

Aloha 'āina,
Rosie 'Anolani Alegado

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Talking points for Bill & Reso

- The Red Hill Bulk Fuel Storage Facility ("Facility") is a prime example of how a leaky underground storage tank can threaten our most precious resource.
- The DOH has concluded that the storage of up to 187 million gallons of fuel, 100 feet above a drinking water resource, is inherently dangerous.
- The Facility's tanks, each with a 12.5 million-gallon capacity, had a quarter-inch thick steel liner when first constructed nearly 80 years ago. They are encased in aging concrete and sit 100 feet above O'ahu's drinking water aquifer. These steel liners have been corroding to the point where many through-wall holes have been found and are now less than one-third of their original thickness in some places.
- These tanks have leaked 180,000 gallons of fuel since they were constructed and the Navy's own risk assessment from 2018 concluded that the probability of an acute leak of between 1,000 and 30,000 gallons (independent of any earthquake risk) over the next ten years is 96%. The Navy cannot prove that the tank or tank system will not leak regulated substances into the environment.
- Approximately 93,000 people living in military housing have been unable to use their water for several weeks. Water will not be restored, and those who were displaced will

not be able to return home, for at least six to eight weeks, if not longer. If the Navy water system is further compromised, our housing crisis will mushroom.

- DOH said that a water sample taken from the Red Hill drinking water shaft on December 5 confirmed the water is contaminated with "high levels" of petroleum and gasoline. The sample detected total petroleum hydrocarbons diesel range organics levels 350 times above the DOH Environmental Action Level (EAL) for drinking water, and gasoline range organics more than 66 times the DOH EAL.
 - Lower levels of petroleum products were also found in samples collected from the Aliamanu Child Development Center as well as homes located on the Navy's water system.
 - The 14,000 gallon leak of water-fuel mixture through a fire suppression system drain line at Red Hill in mid-November is suspected to be the cause of this water contamination crisis.
- Navy officials cannot be trusted to protect our water. They have lied time and time again:
 - The Navy lied about an active leak at Pearl Harbor for months, discovering the leak in January 2021 but not informing Health Department officials until May. This was revealed in whistleblower emails and documents in October.
 - A whistleblower also told the Department of Health in September that Navy officials provided false testimony and withheld information about the full extent of the Facility's infrastructure, including connected pipelines, as well as "historical records of corrosion issues, including holes in tanks" at its Red Hill fuel facility during legal proceedings.
- The Navy continues to confuse and gaslight community members.
 - The Navy suspended use of its Red Hill water shaft on November 28, but the public only found out on December 1.
 - Hundreds of community members reported chemical smells in their water on November 28 and then health issues on November 29, which the Navy refused to acknowledge as a potential health concern until the state Department of Health advised residents to not drink the clearly contaminated water.
 - A day after the Navy said it had detected diesel in its 'Aiea Hālawā well at levels more than double the DOH safety limit, the military backtracked, saying the contaminated sample "did not come directly" from the well and the Navy does not believe the result proves the well is contaminated.
 - They continue to not be transparent despite agreeing to the Administrative Order of Consent, which requires them to be more forthcoming about operations at the Red Hill facility.
- The BWS Hālawā shaft will be shut down until fuel is removed from the tanks and may not reopen for years to come. This shaft was a source of water for South O'ahu from Hālawā to Maunaloa. The BWS has advised that mandatory water conservation measures will now need to be in place in the summer of 2022.
- Storm drains
 - The Navy "flushed" Red Hill contaminants for days in violation of Department of Health requirements despite repeated warnings. This risked long-lasting effects on birds, plants, fish, and other aquatic life from petroleum contamination



Environmental Caucus of The Democratic Party of Hawai'i

December 20, 2021

Commission on Water Resource Management
c/o Raeann.p.hyatt@hawaii.gov
Hawai'i Department of Land and Natural Resources
1151 Punchbowl Street, Room 227
Honolulu, Hawai'i 96813

RE: Testimony on Navy Fuel Storage Tanks at Red Hill; meeting of December 21, 2021

Dear Members of the Water Commission:

The Environmental Caucus of the Democratic Party of Hawai'i was established in 2012, to make it clear that at least some Hawai'i Democrats believe in advocacy for environmental protection. Once we learned of the spills of fuel at Red Hill, we have taken up the Navy's poor stewardship of that site as an important matter of continuing concern.

The recent discovery of fuel contamination of drinking water in the Navy's two shafts in the Red Hill area make it clear that we are now living in the crisis that environmentalists have long warned about. This changes the conversation. As of now, first and foremost, all the tanks must be drained of fuel at the earliest possible time. There is no point in trying to remediate the tanks, which are 80 years old and crumbling. The facility must then be decommissioned as soon as possible after that.

We insist that the Navy and all relevant agencies of the Hawai'i State Government must cooperate in sharing this focus and goal. Meanwhile, the Water Commission should keep Red Hill on its monthly agenda. The Water Commission must send representatives to attend all Red Hill briefings by the Navy, and it must press the Department of Health, and its director personally, to attend them as well.

The Water Commission must pledge to engage in complete transparency with the public as to all matters relating to Red Hill. The spectacle last Friday, December 17, 2021, where representatives of Hawai'i State agencies and the Navy signed an agreement relating to Red Hill, and gave themselves a hearty round of applause, but then refused to let the press and the public see the document was completely shameful and reminiscent of Kim Jong Un's North Korea, not the United States of America. See *Honolulu Star-Advertiser, Saturday, December 18, 2021, <https://www.staradvertiser.com/2021/12/18/hawaii-news/officials-sign-plan-to-clean-navy-water-system-but-dont-release-document/>*. We demand to see that document and all other relevant documents.



Environmental Caucus of
The Democratic Party of Hawai'i

Members of the Water Commission

December 20, 2021

Page 2

Further, we trust that the Water Commission will critically review all current and future Navy applications for permits and water usage for potential impacts on the Halawa aquifer.

Please remember, above all else, we must DRAIN THE TANKS NOW. Mahalo!

Sincerely yours,

/s/ Melodie Aduja

Melodie Aduja

/s/ Alan B Burdick

Alan B. Burdick

Co-chairs, Environmental Caucus

Democratic Party of Hawaii

Email: legislativepriorities@gmail.com

Good morning Commission,

My name is Rebekah Garrison and I am a white settler who calls O‘ahu home. I am a water drinker, a member of O‘ahu Water Protectors, and a community organizer for Hawai‘i Peace and Justice. Hawai‘i Peace and Justice is a grassroots organization that strives to create a more peaceful, just and sustainable Hawai‘i. One of our priorities is protecting the islands from the negative environmental and social impacts of militarization.

I will begin by recognizing Hawai‘i generally and, *Kapūkaki specifically, also widely known as Red Hill today*, as Kanaka Oiwī ancestral lands and waters, now, since time immemorial, and forever.

Thank you to the Commission on Water Resource Management for calling this meeting today and for prioritizing the protection of the island’s most precious resource—clean, unpolluted drinking water. Hawai‘i Peace and Justice strongly supports the immediate decommissioning of the US Navy Red Hill Bulk Fuel Storage Facility and urges the Commission to act expeditiously and drain the Underground Storage Tanks and protect *Kapūkaki*.

The Navy has assured us that it can safely operate the 20 deteriorating fuel tanks holding 200 million gallons of fuel a mere 100 feet above O‘ahu’s sole-source aquifer. But history has proven that the Navy cannot protect the water from the leaking fuel in its antiquated fuel storage system. This is not a hypothetical problem. The aquifer has already been contaminated. People have already been poisoned and hospitalized. Pets have already died.

In media remarks by Secretary of the Navy Del Toro, and in the Navy’s opposition to the Governor’s emergency order calling for the tanks to be defueled, we see the Navy’s contempt for local laws, governing structures, and the health and wellbeing of all who call O‘ahu home. Faced with this disaster unfolding in real time, we support your urgent action to prevent a much larger catastrophe. Please protect the fresh drinking water of hundreds of thousands of O‘ahu residents before it is polluted beyond repair.

Hawai‘i Peace and Justice requests the Commission to have monthly hearings on Red Hill; requests the Director of the Department of Health attend all Red Hill briefings personally; requests the Commission and Department of Health commit to keeping future Red Hill conversations out of any Administrative Order of Consent and in public meetings; requests the Commission review all navy permits and water usage in Red Hill for potential impacts on the Halawa aquifer; requests the Commission order the navy to attend all public hearings of the Commission, and lastly, requests the Department of Health not approve the permit for the underground storage tanks.

Do not let the Red Hill disaster become an island-wide tragedy. Thank you for the opportunity to testify and for taking up this important measure at the Commission. *Ola i ka wai. Water is life.*

Sincerely,
Rebekah Garrison
Hawai‘i Peace and Justice

MEETING OF THE COMMISSION ON WATER RESOURCE
MANAGEMENT

DATE: Tuesday, December 21, 2021 TIME: 9:00 am

To Whom it May Concern,

Aia i hea ka wai a Kāne?
Aia i lalo, i ka honua, i ka wai hū
He wai e mana, he wai e ola
E ola nō a

Where is the water of Kāne?
Deep in the ground, in the gushing spring
A water of magic power, the water of life
Long may it live

As a Native Hawaiian, born and raised in Kalihi, O'ahu and also married to an active duty military service member, I am faced with a task to dutifully balance my emotions and actions around my love for my 'āina, or land, and my military livelihood. I understand my kuleana, or responsibility, to my culture and my ku'u one hānau, my sands of my birthplace. My kuleana is to mālama ka 'āina, to care for the land as it takes care of me and my 'ohana. My kuleana is also to my 'ohana to support and defend my husband in his pursuit of his love and service for his country. That is why this pain cuts so deep into my soul. When my husband took an oath to serve his country, what he also did was place us, his 'ohana in the care and safety of the U.S. Military Armed Services. As a Hawaiian, I understood this reciprocity of kuleana. Now, this Hawaiian, military family is faced with betrayal at the hands of those who pledged to protect us from harm. On Sunday November 28, 2021, our family fell ill to fuel contaminated water by living on Navy run military housing. The lack of transparency, communication, and help for us and many other military families fell short and on deaf ears to those in military leadership. This, however, was not a new threat.

The U.S. Navy Red Hill Bulk Fuel Storage Facility stores over 100 million gallons of fuel in 20 large tanks which sits just 100 feet above O'ahu's natural aquifer and primary drinking water supply.¹ This facility in Kapūkaki, or Red Hill has had its share of leaks and damages. Since this facility was built in 1943, reports of at least 180,000 gallons of fuel have leaked into the environment. That includes the larger spill in 2014 that wasted 27,000 gallons into the natural environment. The Navy cites its own studies that detail a 27.6% chance that the facility could leak up to 30,000 gallons of fuel every year. Those

¹ <https://sierraclubhawaii.org/redhill?fbclid=IwAR3EuD61ekB7nn9FCZvYgzbJuu88E9daWZ0D-dyDCEamLg27wBoTtnVO0x0>

same studies also show that there are annual leaks of thousands of gallons per year.² The Red Hill concern is such a large issue that the Board of Water Supply has an entire webpage dedicated to updates and quality control reports.³

On December 7, 2021, Governor Ige and the Hawaii State Department of Health ordered the Navy to defuel the tanks at Red Hill. Several other orders were issued by the Governor that includes taking immediate steps to install drinking water treatment systems, to submit a work plan and implementation schedule within 30 days, and remove fuel from the Bulk Fuel Storage Tanks at the Red Hill Facility. The Secretary of the Navy, Mr. Del Toro stated he will treat this order as a "request" and now the Navy is requesting a contested case hearing to delay a lawful order.

Within this time of being ill to being told to not drink the water from our own home, we families also read an apology from Navy Captain Erik Spitzer. He apologized for not believing us when we told him we were sick, and for not being upfront and honest from the beginning to warn us about not drinking the water. I am thankful for the apology. However, it does nothing to soothe the soul when out of the same breathe the very Navy leadership that commands him tells the people of Hawaii that they will take those aforementioned orders as requests which may or may not cease operations at the Red Hill Facility. To hear that yet again, the military will not fix what it has broken is beyond frustration. Our trust in the military is broken. Morale is broken.

I am asking as a military spouse, as a Native Hawaiian whose very life essence is sourced through this land, and as a person who depends on fresh, clean water that the military comply with the orders set forth by the Governor of Hawaii. I am asking that the wrongs be made right, for what is pono and just. I echo Ernie Lau, chief engineer of the Board of Water Supply who stated the words printed on every Board of Water Supply truck: There is no substitute for pure water. We need to act now before it is too late and more families and communities are hurt. E ola i ka wai. Water is Life. E Ola!

Me ke aloha pumehana,

Mai Hall

[REDACTED]

Honolulu, HI 96818

[REDACTED]

²

https://static1.squarespace.com/static/5e28fa5870afe4486a9e6a2d/t/5e41f129a5242f007ab6e83d/1581379886292/red-hill-gw-protection-considerations-rev00_2018-07-27-excerpts-pages-57-62.pdf

³ https://www.boardofwatersupply.com/redhill?utm_source=web-btn&utm_medium=hp-banner&utm_campaign=rh-view-now



SIERRA CLUB OF HAWAI'I

Testimony to
COMMISSION ON WATER RESOURCE MANAGEMENT

December 21, 2021 9 AM

Room 132

COMMENTS: AGENDA ITEM B-1

Briefing by Department of Health and Naval Facilities Engineering Systems Command Hawai'i (NAVFAC Hawai'i) on Red Hill, Discussion on NAVFAC Hawai'i Ground Water Use Permits 00085 (Red Hill Shaft - Well No. 3-2254-001), 00086 ('Aiea-Hālawa Shaft - Well No. 3-2255-032), and 00111 (Waiawa Shaft - Well No. 3-2558-010), Moanalua and Waipahu-Waiawa Aquifer System Areas, O'ahu; and Action Thereon.

Aloha Chair Case, and members of the Water Commission,

The Sierra Club of Hawai'i offers the following **COMMENTS** regarding the subject agenda item.

As you should be well aware, the island O'ahu is on the brink of an existential disaster. As we speak, well over 100 million gallons of petroleum fuel are being stored in 80-year old, 12.5 million gallon capacity petroleum fuel tanks 100 feet above the EPA Region IX Sole Source Southern O'ahu Basal Aquifer. Fuel from these tanks has already contaminated the Navy's Red Hill Shaft and we do not know if or when the Honolulu Board of Water Supply' currently offline municipal wells that also draw from this aquifer – including the Hālawa Shaft located one mile away from the contaminated Red Hill Shaft – can be safely brought back online.

What we do know is that each day that fuel remains in the Red Hill Bulk Fuel Storage Facility (Red Hill Facility) threatens an even greater, existential crisis for our island's water supply, environment, economy, and way of life. Of the tanks with millions upon millions of gallons of fuel in them right now, eight have not been inspected in over 20 years; three of these have not been inspected in nearly 40 years if not longer. The steel liners to the Red Hill fuel tanks are actively corroding due to moisture trapped within their respective concrete casings, which themselves cannot be inspected or assessed for potentially imminent structural failure. The Navy's own Phase One Risk and Vulnerability Assessment, which incorrectly assumes a 20-year inspection cycle for all of the Red Hill fuel tanks, has also predicted a 80% chance that up to 33 million gallons of fuel will leak from the Red Hill Facility within the next 5 years. This probability does not include any consideration of the risk of external and unpreventable events such as an earthquake.

The inaction and years-long deference to Navy assurances that have led to the current contamination of the Red Hill shaft – which has now poisoned hundreds of people and effectively wasted untold amounts of what was once clean, fresh, and abundant public trust water – can no longer be tolerated. The water commission, as the primary entity tasked with upholding the public trust in water and protecting our precious water resources, must take all possible action under its jurisdiction to ensure that the existential threat posed by the Red Hill Facility be addressed, including through the immediate defueling and permanent decommissioning of the Red Hill Facility.

At minimum, given its status as the entity primarily tasked with upholding the public trust in water as established under the Hawai'i State Constitution, it is incumbent upon the commission to take immediate steps to address the current contamination situation, including but not limited to the following:

- 1) Require that **immediate** interim amendments be made to the State Water Resource Protection Plan, the State Water Projects Plan, and Honolulu's County Water Use and Development Plan to reflect the indefinite reduction in sustainable yield that has resulted from the Red Hill Facility's contamination of the Southern O'ahu Basal Aquifer, until there is a determination of whether and how this aquifer can be safely utilized once again; this will ensure that new water uses do not exceed what may be the current sustainable yield for the affected aquifer area;
- 2) Hold monthly meetings regarding the status of the Red Hill Facility, including the status of Navy actions to defuel its petroleum fuel storage tanks, and demand attendance by informed Navy officials at these meetings; and
- 3) Reject any efforts by the U.S. Navy or other entities to withhold information relevant to the safety of the public and of our public trust water resources.

Mahalo nui for your consideration of this testimony.

Sincerely,



Wayne Tanaka, Director

Sierra Club of Hawai'i

Aloha,

My name is Alisha Summers and I am a graduate student in the Department of Urban and Regional Planning at the University of Hawai'i at Manoa. I grew up on Maui and have lived on O'ahu for 7 years in the Waikiki ahupua'a. I am writing this testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility.

According to the Hawai'i State Constitution's Public Trust Doctrine, government agencies are mandated by law to protect Hawaii's natural resources, including water resources. The public trust doctrine, Article XI Section 1, states that "all public natural resources are held in trust by the State for the benefit of the people." There is zero doubt that the Red Hill Fuel storage facility is a major threat and has already been polluting O'ahu's water resources for years. Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment, and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014. The most recent leaks include 14,000 gallons of fuel water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers. Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and the Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again. The Navy's own studies cite that there is a 27.6% chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak- similar to the 2014 leak- will occur in the future.

According to the Hawai'i State Constitution's Public Trust Doctrine, government agencies are mandated by law to protect Hawaii's natural resources, including water resources. The public trust doctrine, Article XI Section 1, states that "all public natural resources are held in trust by the State for the benefit of the people." As detailed above, **the Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security.** It is imperative that the Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

It is your kuleana to protect Hawaii's water resources. This is an opportunity for CWRM to hold the Navy accountable and demand transparency through the following actions:

- 1) Demanding monthly Commission meetings on Red Hill;
- 2) Demanding that the Director of DOH personally attend all Red Hill briefings;
- 3) Demanding that the Commission and DOH commit to keeping future Red Hill conversations public;
- 4) Urge the Commission to review all Navy permits and water usage at Red Hill for potential impacts to the Halawa aquifer; and
- 5) Urge the Commission to order the Navy to attend all public hearings regarding Red Hill.

Without fresh water, we cannot continue to live and thrive on this island. Given the existential threat of climate change on our water resources, the state should be doing everything within its power to preserve and restore abundance. As a young woman in her 20s, I am afraid that in the near future, there will no longer be an abundance of clean fresh water for my generation, the

younger generation, and our island's future generations. Please do what is right for our 'āina and for our communities. We are watching.

Mālama pono,

Alisha Summers

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Monday, December 20, 2021 12:56:27 AM

Form Summary

My Name is: Noel

I reside at: Papakolea, O'ahu

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

As a mother of three daughters and a third generation Hawaiian Homesteaders, it is essential that our drinking water is free from contamination. We have been here since the beginning as kānaka Maoli people and will continue to be here always. My daughters' and their future daughters' (if they do choose) have the right and deserve the security of accesses to pure water resources. The US Navy has proven they are incapable of ensuring this, and thus they must not be given the another chance to potentially cause more damage to our most important resource that is finite and essential to our existence.

The message has been sent from 75.85.42.37 us at 2021-12-20 on iPhone unknown
Entry ID: 65
Referrer: <https://l.instagram.com/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Monday, December 20, 2021 1:22:31 AM

Form Summary

My Name is: Patti Choy

I reside at: [REDACTED] Honolulu, HI 96822

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uoloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

Dept. of Health director, Navy personnel must attend monthly meetings that the commission needs to implement immediately..

The message has been sent from 98.151.79.253 us at 2021-12-20 on iPad unknown
Entry ID: 66
Referrer: <https://l.instagram.com/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Monday, December 20, 2021 1:29:29 AM

Form Summary

My Name is: Mara

I reside at: Honolulu

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Additional Comments:

Navy has been leaking fuel into our waters and without a doubt will not be fixed by the Navy who covered up and keep secret of leaking fuel into all of the citizens of oahu is affected by the lack of authority keeping of water clean shutdown redhill immediately or will force to make the navy stop poisoning our waters with fuel for years navy has to be held accountable!!!!!!

Entry ID: 67

Referrer: <https://l.instagram.com/>

Form Host: <https://form.123formbuilder.com/6056842/form>

From: [Ashley Nishihara](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Written Testimony Submission for CWRM Meeting 12/21/21
Date: Monday, December 20, 2021 2:39:30 AM

Hello,

My name is Ashley Nishihara. I live in the Salt Lake area, my house not more than a mile away from the areas affected by the contaminated water. Even though I know my household receives (as of yet) clean, pure Board of Water Supply water, every morning when I fill up my mug with water I look for an oil sheen on the surface, and smell and taste the water before daring to swallow it.

My parents have serious illnesses, and I am caretaker for my 96-year old grandmother. We have to contend with the COVID crisis everyday, now worse with the omicron variant on Oahu, and now we can't even trust that our precious water will remain safe to drink? This is an unacceptable, and tragically preventable, circumstance.

I am in full support of revoking the Navy's permit to run the Red Hill Fuel Storage Facility. The Navy must safely but swiftly drain the fuel and get it out of here, the sooner, the better. There is no "double-walling," no "waiting until 2045 to do something," or "take it out until you can come up with some way of making it safe to house the fuel on-island again." There is no other acceptable solution. The tanks and pipes are nearly eighty years old and can give way from the tiniest tremor, issuing forth a catastrophic leak of fuel. Given the Navy's frankly abysmal response to this disaster, we can't trust that they will come up with any safe plan to reintroduce the fuel. Trust must be earned, and if they don't even care for the plight of their own, what chance do the rest of us have? Hawaii's aquifer is one-of-a-kind, and once it is contaminated, there is no "Plan B." Water is life. People, wake up and get your priorities straight, or we're all doomed.

-Ashley Nishihara

From: [Makana Cameron](#)
To: [Hyatt, RaeAnn P](#)
Cc: [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] CWRM meeting- testimony
Date: Monday, December 20, 2021 6:39:30 AM

Aloha Commissioners,

I respectfully ask the commission to take all available actions to protect our water and to prioritize the health and safety of the public over any caveats represented by the US Navy.

I respectfully ask the commission to ensure all future convenings on the Red Hill / aquifer threat be kept public and never occur behind closed doors.

I respectfully ask commission to review all existing permits to the US Navy as well as water usage by the US Navy, and to issue a determination solely based on public health and welfare and not on politics or pressure from any other agency or authority.

Respectfully ask the commission to urge the US Navy to have its representatives attend all future Red Hill public hearings.

Mahalo for your kuleana,

Makana Reeves

From: [Michelle Cabalse](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Hold Navy Accountable
Date: Monday, December 20, 2021 7:10:15 AM

Good Morning,

The navy has promised for years our water would be safe.

Now we have a disaster and dozens sick, many living in hotels, and millions of taxpayer dollars being spent on cleanup and support for misplaced families. All avoidable.

The trust is gone and we as the people of our state are fed up with false promises. It's time to take action to ensure our water systems are safe.

Thank you,
Michelle Cabalse

From: [Christine Ahn](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Testimony on Red Hill
Date: Monday, December 20, 2021 7:39:31 AM

Aloha,

My name is Christine Ahn and I'm a mom of a nine-year old who attends Punahou. We live in Manoa.

I've been following with great concern the leaks of the Red Hill navy fuel tanks. It is unbelievable to me that any government entity in Hawaii would allow the tanks to continue to be in use when we've known for years that it is leaking. These 80-year old tanks that are eroding is sitting on the aquifer that 77% of Oahu's residents depend on for our survival. We need clean fresh water to drink, cook, clean. Without it, there is no economy, no tourism, nothing.

I am writing as a concerned Oahu resident that the Commission on Water Resource Management do the following:

1. Conduct monthly hearings on Red Hill.
2. Demand that the Dept of Health attend all Red Hill briefings personally
3. Demand that the Commission and DOH commit to keeping future Red Hill conversation out of any AOC and in public meetings.
4. Review Navy permits and water usage in red hill for potential impacts on Halawa aquifer
- 5- Demand that the Navy to attend all public hearings of the Commission.

Thank you for your consideration,
Sincerely,
Christine Ann

Sent from my iPhone

From: [Wendy Miles](#)
To: [Hyatt, RaeAnn P](#)
Cc: [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Testimony (written) for Dec 21 2021 DLNR CWRM meeting
Date: Monday, December 20, 2021 7:52:56 AM

To the Commission on Water Resource Management:

Today I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

- Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014.
- The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers.
- The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future.
- The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

It is immoral to risk Oahu's water supply. The implications of allowing this extend beyond the current communities that are impacted. It is a crime against this island's people (present and future) that will not be addressed until Red Hill is shut down. As the most remote city in the world, freshwater is Honolulu's security. Freshwater supports the life and wealth of Oahu island, and the state of Hawaii. I love Hawaii, and the freshwater that flows beneath Oahu is sacred to me. A community defends what is sacred to them, and in this spirit I ask that we take a collective stance to shut down Red Hill.

Mahalo,

Wendy Miles, PhD

Residence: [REDACTED] Honolulu, HI 96822

Email: [REDACTED]

From: [David Harrington](#)
To: [Hyatt, RaeAnn P](#)
Cc: [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Written testimony: Dec 21 2021 DLNR CWRM meeting
Date: Monday, December 20, 2021 8:02:56 AM

Aloha,

I am submitting this written testimony to the DLNR Commission on Water Resource Management due to my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

- Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014.
- The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers.
- The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future.
- The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Please protect the water as a precious resource.

Mahalo,

David Harrington, PhD
[REDACTED] Honolulu, HI 96822



To: Department of Land and Natural Resources Commission on Water Resource Management
Hearing Date/Time: Tues., Dec. 21, 2021, 9:00 am
Re: Red Hill Briefing

Dear Chair Case and Members of the Commission,

Planned Parenthood Alliance Advocates - Hawai'i writes in support of policies that ensure people can access affordable, clean water.

Access to clean and safe water is an increasingly pressing problem across the country. America's water infrastructure is failing, and the burden of these failures is weighing heaviest on communities of color, harming their health and their reproductive freedom. More than 27 million people in the United States are served by water systems that violate basic standards established in the Safe Drinking Water Act, in part due to massively decreased funding on water infrastructure and increased pressure on water systems from the climate crisis.

The failure of America's water infrastructure is most pronounced in communities of color due to redlining, discriminatory land-use patterns, and environmental racism. We see Black communities struggling with lead poisoning; Latinx communities experiencing nitrate poisoning; American Indian & Alaskan Native populations without access to safe water; and active military servicemembers, who are predominately people of color, living on bases where water is contaminated with perfluorooctanoic acid (PFAS).

All of these contaminants harm reproductive health. They can cause infertility, heighten the risk of miscarriage, cause birth defects, increase low birth weight, increase newborn and infant deaths, and result in many other adverse health outcomes. Lack of access to clean, affordable water is directly limiting people's ability to have healthy children and their ability to raise children in a safe, healthy environment.

The Red Hill facility – the fragile, antiquated fuel tanks and supporting systems – has a long history of leaking fuel into the surrounding environment and has already contaminated O'ahu's primary drinking water aquifer. Shutting down Red Hill immediately and entirely is the only way to guarantee the safety of our water and our people.

Thank you for the opportunity to testify and for taking up this important measure.

Sincerely,
Laurie Field
Hawai'i State Director

To: Commission on Water Resource Management

Hearing Date/Time: Tues., Dec. 21, 2021

Re: Red Hill Briefing

Dear Chair Case and Members of the Commission,

My name is Rozlyn Calderon, I am the Regional Field Organizer for Planned Parenthood Alliance Advocates Hawai'i writing today to urge you to support policies that ensure people can access affordable, clean water. We simply cannot permit underground storage tanks of that capacity or larger that pose such immense threat of leaking and contaminating our environment and water supply.

Access to clean and safe water is an increasingly pressing problem across the country. America's water infrastructure is failing, and the burden of these failures is weighing heaviest on communities of color, harming their health and their reproductive freedom. More than 27 million people in the United States are served by water systems that violate basic standards established in the Safe Drinking Water Act, in part due to massively decreased funding on water infrastructure and increased pressure on water systems from the climate crisis. We cannot continue to do the same here in Hawai'i.

The failure of America's water infrastructure is most pronounced in communities of color due to redlining, discriminatory land-use patterns, and environmental racism. We see Black communities struggling with lead poisoning; Latinx communities experiencing nitrate poisoning; American Indian & Alaskan Native populations without access to safe water. We know and have known these issues are prevalent in our own communities! The time to act is now.

All of these contaminants harm reproductive health. They can cause infertility, heighten the risk of miscarriage, cause birth defects, increase low birth weight, increase newborn and infant deaths, and result in many other adverse health outcomes. Lack of access to clean, affordable water is directly limiting people's ability to have healthy children and their ability to raise children in a safe, healthy environment.

The Red Hill facility – the fragile, antiquated fuel tanks and supporting systems – has a long history of leaking fuel into the surrounding environment and has already contaminated O'ahu's primary drinking water aquifer. Shutting down Red Hill immediately and entirely is the only way to guarantee the safety of our water and our people.

Thank you for the opportunity to testify and for taking up this important measure.

Sincerely,

Rozlyn Calderon

Regional Field Organizer PPAA HI

From: [Neil Vyas](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Written testimony for the 12/21/21 CWRM meeting
Date: Monday, December 20, 2021 8:22:31 AM

hello,

I would like to submit the following statement as written testimony for the CWRM meeting taking place on 12/21/21.

Fresh water is essential for the continued health of all life on O'ahu. We are blessed with an incredible system of aquifers which provide us with some of the best water conceivable. Indeed, the inhabitants of Hawaii have recognized and revered this water for as long as there have been people here. It is difficult to imagine any catastrophe worse than the complete, irreversible destruction of this essential and beautiful resource, but that is exactly what will happen should any fuel remain in the Red Hill tanks.

We demand that all fuel be removed from the Red Hill tanks, and from there either removed from the islands entirely or at minimum stored in high-quality, modern, above-ground tanks at a site with low contamination risk in the event of a spill.

To this end, we demand that:

- This commission meet at least monthly to review and discuss the topic of removing fuel from Red Hill;
- The director of the Hawaii DOH personally attend all the above meetings and any additional briefings or reviews;
- All discussion, review, deliberation, etc. related to this topic on the part of the commission or any public body must remain publicly accessible, especially via freely-available video streams and recordings;
- This commission review stringently all Navy permit and water usage requests with an emphasis on evaluating their impacts on O'ahu's ecosystem, especially the Halawa aquifer; and
- This commission uses its full resources to order the Navy (in the form of a representative with decision making power) to attend all public hearings regarding Red Hill.

Thank you for your consideration.

--

Neil Vyas

Subject:[EXTERNAL] public testimony for CWRM 12/21/21 meeting

Date:Mon, 20 Dec 2021 08:32:51 -1000

From:pete doktor [REDACTED]

To:raenraeann.p.hyatt@hawaii.gov

Aloha Commission on Water Resource Management,

Please accept my written testimony for the CWRM 12/21/21 meeting regarding the Navy Red Hill underground storage tanks. My `ohana has been living daily with the fear since 2014 leak that fuel leaks could breach and wreck havoc on our keiki's development. Now that people are getting sick and continued run-around by the Navy, this fear has come to fruition as not a possibility but an inevitably given the disastrous placement of the UST.

Please review all Navy permits and water usage at the Red Hill fuel reserve system for inevitable impacts to our Halawa aquifer from which our `ohana depends on to survive here in Moanalua.

Please see to it that there are monthly Commission meetings through this crisis at Red Hill, and that the DOH and the Commission commit to maintaining ongoing Red Hill public dialog. Moreover, the DOH Director should personally attend all Red Hill briefings.

As a former military medic, I am appalled not by the military's negligence and public endangerment, I am concerned about the lack of civilian oversight that is explicit in the US Constitution. Please see to it that our public health is maintained as number one priority within the definition of "security;" the DOH has a mandate to advocate public safety as paramount, especially as the Navy has lost all credibility and public trust.

Ola I Ka Wai!

Ē Mālama Pono,

Pete Doktor `Ohana

From: [Joseph Han](#)
To: [DLNR.CW.DLNRCWRM](#); [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Testimony for 12/21 CWRM meeting
Date: Monday, December 20, 2021 8:32:46 AM

Aloha,

My name is Joseph Han. I was born and raised on O‘ahu and have received my water from Halawa aquifer my entire life. It has fed me, my family, my friends, and all the places I love most in this world. That is why, for both myself and so many others, the disaster that has been unfolding around the Red Hill fuel tanks has me incredibly concerned, frustrated, and angry. A Declaration of Water Emergency is needed to trigger more urgent and comprehensive actions to protect the water resources and public health and safety. I urge CWRM to pressure the Governor to declare an emergency immediately.

Because the Commission of Water Resource Management is tasked with "regulating the use of water resources in water management areas, and coordinate activities necessary to insure the protection of native Hawaiian water rights," I want to see the CWRM take a much more active role in this ongoing struggle to shut down Red Hill. The Department of Health has become the primary state entity working with the Navy on this issue. But in light of the recent news that neither the media nor the public will have access to the Drinking Water Distribution System Recovery Plan, it is apparent that we are still struggling with the same issues of lack of trust and transparency from all involved parties, not just the Navy (though the Navy is by far the most guilty of this), but also DOH and EPA.

This lack of transparency is completely absurd and unacceptable and this is where I see CWRM having a more active role. I request that CWRM have monthly hearings on the Red Hill storage facility and that DOH director and Navy officials are *required* to attend these meetings. They are not allowed to no-show like they did with the special City Council hearing. As state-assigned protectors of Hawai‘i’s water, CWRM must take a hard stance and commit to keeping Red Hill as a topic of PUBLIC meetings--this means no AOC. We have been in this exact position before with the tanks and the people and lands of O‘ahu cannot afford to wait for more spills and leaks before more is done. It should have never even gotten this far in the first place. We can accept no less than an immediate and permanent shut down of this facility before an even greater disaster is upon us. I want to strongly reiterate this point, especially because chairperson of CWRM Suzanne Case was one of a handful of people who signed onto a statement that was, at this point, far too weak in its conviction. "Suspension of operations" is not enough. We need IMMEDIATE defueling. We need a PERMANENT shut down of this facility.

The Department of Health cannot be overseeing Navy permits and water usage alone-- CWRM must have a crucial and primary role in this, especially to safeguard against any potential (or sadly, further) impact or damage to Halawa aquifer. When I think of what BWS said, that Halawa aquifer may be permanently damaged, I am filled with grief and rage. The Navy can never make up for what they have done. They cannot regain the trust of the people of Hawai‘i (which, for many, they never had in the first place). There are no reparations possible for such violence to land and people. All the Navy can do is clean up their mess and leave.

Thank you for this opportunity to submit written testimony.

Joseph Han

--

Joseph Han | he/they | [@hanjoseph](#)

Author, *Nuclear Family* (Counterpoint Press, [forthcoming June 7, 2022: preorder](#))

Ph.D. in English & CW, University of Hawai‘i at Mānoa

West Editor, [Joyland Magazine](#)

<http://joseph-han.com/>

From: [Lorraine Waianuhea](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Written testimony for 12/21 Water Commissioner meeting
Date: Monday, December 20, 2021 8:33:36 AM

Mahalo nui for this opportunity to provide written testimony. My testimony is below.

Aloha DLNR Commissioners on Water Resource Management,

My name is Lorraine Waianuhea, I am a water drinker and I live in Honolulu. I am writing testimony because firstly, I am terrified for our water and selfishly scared for my own life, the lives of my family and friends, and the lives of every living thing on island. Secondly, I am furious that the U.S. Navy and decades of poor political leadership have brought on this life-or-death crisis. It is my hope that you, the Commission on Water Resources Management, will act according to your motto “Ke kahuwai pono” and act on your kuleana to protect the quality and quantity of our drinking water for the present and future by doing whatever you can to ensure the defueling of the Red Hill fuel tanks and to hold the U.S. Navy accountable for their abuse of wai and kānaka.

Drinking water is held in public trust for the benefit of the public and must be protected from any and all entities that are willing to sacrifice it, whether that be individual members of the public, businesses, or in this case federal and military powers. The U.S. Navy cannot be allowed any grace for what they have already inflicted upon O’ahu residents. Do not forget that they have lied about the safety of the Red Hill facility since its construction, they lied about fuel leaks under oath during a contested case hearing, and they continue to lie to the public about the safety of the water they supply. The Commission should review the groundwater permits for the U.S. Navy and consider revoking them, seeing how the U.S. Navy is threatening the entire island’s water supply and still staunchly refusing to drain the fuel tanks in defiance of State Order by the Governor and the Department of Health.

Now more than ever, we need your courageous leadership and fierce advocacy for the public. We need spaces like this monthly meeting, where the public can be briefed on Red Hill updates in absolute transparency and express their concerns through testimony. As a member of the public, I have no faith that the U.S. Navy, the EPA, or the Department of Health will act in the best interest of the water and people of O’ahu. The Board of Water Supply is the only government entity that I have trusted to communicate the severity of the crisis, protect drinking water resources, and protect public health. I sincerely hope that you, the Commission on Water Resources Management, will also choose to serve the public and not the polluter to protect our

precious, irreplaceable wai.

Mahalo nui for your service and the opportunity to provide testimony.

Me ka ha'aha'a,

Lorraine Waianuheha

From: [Elizabeth Weitz](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Written testimony
Date: Monday, December 20, 2021 8:36:37 AM

Hello,

Please find my written testimony for the CWRM meeting tomorrow:

Aloha commissioners,

In addition to the obvious need for safe water, your constituents deserve safety and security, and the freedom from being burdened into constant vigilance by this threat to health that is permeating our bodies and our minds. And yet that is not our experience, as residents. We are constantly in a fog - the navy gaslights us, there is inadequate accountability thus far as the navy pushes back on clear orders from the governor, and we slowly learn that more of our water supply is more contaminated, and the navy won't drain the exceedingly threatening and dangerous old tanks. This problem exists in 2 historical contexts:

1. The pattern by the US military and by other militaries to colonize and/or occupy pacific island nations, use their valuable natural resources, contaminate their land and destroy the safety of those places indefinitely.
2. The growing realization that in general across the US, oil production and storage processes are violating agreements by approaching and endangering the safety of our aquifers, and the owners (be they the military or private companies) are not being held accountable to those severe and dangerous violations.

It is unequivocally your job to protect the water for life on O'ahu, and in doing so make clear that these two kinds of historic violations stop here, now. As such, I respectfully ask the commission to:

- take all available actions to protect our water and to prioritize the health and safety of the public over any caveats represented by the US Navy.
- ensure all future convenings on the Red Hill / aquifer threat be kept public and never occur behind closed doors.
- review all existing permits to the US Navy as well as water usage by the US Navy, and to issue a determination solely based on public health and welfare and not on politics or pressure from any other agency or authority.
- urge the US Navy to have its representatives attend all future Red Hill public hearings.

Mahalo for your kuleana,

Elizabeth Weitz

From: [Kallie Barnes](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Testimony for CWRM Meeting
Date: Monday, December 20, 2021 8:46:13 AM

Aloha,

I am deeply disturbed by the military and governmental handling of the crisis at Kīpukaki or Red Hill. There needs to be real accountability and transparency in shutting down these fuel tanks. Things that need to happen:

- 1) Monthly Commission meetings concerning the Red Hill fuel tanks
- 2) The Director of DOH needs to personally attend all Red Hill briefings
- 3) The Commission and DOH need to commit to keeping future Red Hill conversations public
- 4) All Navy permits and water usage at Red Hill need to be reviewed for potential and additional impacts
- 5) The Commission needs to order the Navy to attend all public hearings regarding Red Hill

Thank you for your time, we cannot live without water. Please, please remember that.

Best,

Kallie Barnes

From: [Joan Pan](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Written testimony to the DLNR Commission on Water Resource Management
Date: Monday, December 20, 2021 8:54:38 AM

Aloha members of the DLNR Commission on Water Resource Management,

As a resident of Honolulu, I am writing in concern over the 14,000-gallon fuel leak at the Navy's Red Hill fuel facility last month. This comes years after the 27,000-gallon leak of jet fuel from the same facility that the Navy reported in 2014. Further, to anyone's nightmare, these leaks have been recorded over 70 times since 1943! All the explanations and said-upgrades to the facility that the Navy gives just seem to be excuses. I do not trust that they have their own people nor the public's best interests and security in mind - at least in regards to clean water supply - something so essential to life. I ask that the Commission be more involved with Red Hill - this includes but not limited to: (1) regular meetings on the issue, (2) review of all Navy permits and water usage at Red Hill, and (3) commitment with the Director of Hawai'i Department of Health to make future conversations public and accessible.

My ask is the least I can do right now to protect our precious water sources on O'ahu. Right now we can sit and imagine what a day without clean water may be like, but please don't let that imagination and possibility become a reality for ANYONE.

Mahalo for your time and dedication to protecting and managing the waters of Hawai'i for present and future generations.

Sincerely,
Joannie Pan

From: [Kanoa Wong](#)
To: [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Testimony on water commission
Date: Monday, December 20, 2021 8:58:32 AM

Aloha Aina Kakou,

As an oiwi of this land and father of four I am writing to say that the Navy fuel tanks need to be shut down for the safety of our people and for the future of Hawaii.

Me ke aloha ku mau no ka aina,

Ka Ohana Kanoa-Wong

Laiana

Kameaaloha

Haaipo

Kealohaaina

Puamana

Kekiaionamoku

From: [Stephanie](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Written Testimony for B-1
Date: Monday, December 20, 2021 10:24:01 AM

Aloha,

As a resident of O‘ahu I strongly support Resolution 21-276, urging the permanent removal and relocation of the U.S. Navy Red Hill Bulk Fuel Storage Facility underground storage tanks.

As a mother, Honolulu resident and human being who depends on clean water, I am scared. Scared for what the future holds if Red Hill fuel storage remains operational. Scared for my 2 year old son and the injuries he or my husband and I may incur if the BWS water is contaminated. Scared for the keiki of Oahu and the problems they may inherit if we do nothing. I am scared, disgusted, saddened and enraged by the Navy’s lack of concern and lack of duty to not only its service members, but the people of O‘ahu. Their actions during this water catastrophe have proven time and time again that the Navy is untrustworthy. If we can’t trust them to express concern and take immediate action when their service members became seriously ill from the contaminated water, how could we possibly trust them to maintain the Red Hill Fuel storage tanks?

We simply cannot allow 80-year-old underground storage tanks that store up to 187 million gallons of fuel per day and that pose such immense threat of leaking and contaminating our environment and water supply to operate 100 feet above O‘ahu’s sole-source drinking water aquifer.

The Red Hill facility – the fragile, antiquated fuel tanks and supporting systems – has a long history of leaking fuel into the surrounding environment and has already contaminated O‘ahu’s primary drinking water aquifer. Shutting down Red Hill immediately and entirely is the only way to guarantee the safety of our water and our people.

Failure is not an option. You owe it to us-your constituents, family, community members, neighbors, and caretakers of this beautiful island-to save our water. Save our future.

Sincerely,
Stephanie

Sent from my iPhone

From: [Laura Ramirez](#)
To: [Hyatt, RaeAnn P](#)
Cc: [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Red Hill Disaster
Date: Monday, December 20, 2021 11:36:10 AM

Aloha,

We need immediate and decisive action to properly and completely clean up this mess that the US Navy has made at Red Hill.

The Navy has proven themselves to be negligent, incompetent, and reckless in their handling of this hazardous facility.

They were not prepared or proactive even as they were warned repeatedly that fuel leaks and large spills were imminent.

The Navy has not been transparent, forthcoming or timely with critical information and has lost all credibility with the people of Hawai'i.

We citizens and water drinkers of Hawai'i demand the following:

- 1) Monthly Commission meetings on Red Hill
- 2) The Commission and DOH must commit to keeping future Red Hill conversations public
- 3) The Commission must to review all Navy permits and water usage at Red Hill for potential impacts to the Hālawā aquifer
- 4) The Commission must order the Navy to attend all public hearings regarding Red Hill

There is no excuse and can be no delay in rectifying this serious and life threatening situation. The Navy must be held accountable and must be prevented from the further destruction of Hawai'i.

Mahalo,

Laura Ramirez & Bettencourt family



Kapa'a, HI 96746

Aloha Chair Waters, Vice Chair Kia'āina, and Councilmembers,

As a resident of O'ahu and a water drinker, I strongly support Bill 48, requiring any operator of underground storage tanks with a capacity of 100,000 gallons or more, to obtain a permit from the City. It further stipulates that no permit will be granted unless the applicant proves that the tank or tank system will not leak regulated substances into the environment. We simply cannot permit underground storage tanks of that capacity or larger that pose such immense threat of leaking and contaminating our environment and water supply.

Our family of 3rd, 4th, and 5th generation care for our precious Aina. We depend on clean water for our daily living, our pets, and our gardens. We live in Kaimuki, Punchbowl, Aiea.

The Red Hill facility – the fragile, antiquated fuel tanks and supporting systems – has a long history of leaking fuel into the surrounding environment and has already contaminated O'ahu's primary drinking water aquifer. Shutting down Red Hill immediately and entirely is the only way to guarantee the safety of our water and our people.

Thank you for the opportunity to testify and for taking up this important measure at the council.

*Sincerely,
S Yee*

From: [Kiana Otsuka](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Written Testimony for Commission of Water Resource Management Meeting December 21, 2021 at 9:00AM - Agenda item B-1
Date: Monday, December 20, 2021 7:54:39 PM

Aloha Raeann,

My name is Kiana Otsuka, and I am an O‘ahu water drinker and a Moanalua resident. I'm submitting testimony on Item B-1, briefing by DOH and NAVFAC on Red Hill, discussion on NAVFAC Hawai‘i Ground Water Use Permits, and the Moanalua and Waipahu-Waiawa Aquifer System.

I'd like to request that the Water Commission:

- 1) Hold monthly Commission meetings on Red Hill
- 2) The Commission and DOH commit to keeping future Red Hill conversations public
- 3) Review all Navy permits and water usage at Red Hill for potential impacts to the Hālawā aquifer
- 4) Order the Navy to attend all public hearings regarding Red Hill

It is important to me that the Water Commission's meetings and dealings with the Navy are transparent. It is clear from the recent fuel contamination and the previous fuel spills that the Navy isn't responsible or capable of safely maintaining their fuel tanks at Red Hill. The recent contamination has sickened many who rely on the Navy's well. As a resident who lives near Red Hill, I am worried about the fuel leaking into the well which supplies many of O‘ahu residents' drinking water.

The fragile, antiquated fuel tanks and supporting systems at the Red Hill facility have a long history of leaking fuel into the surrounding environment and have already contaminated O‘ahu's primary drinking water aquifer. Transparency at these meetings will allow the public to be involved and hold the Navy accountable for their actions. Shutting down Red Hill immediately and entirely is the only way to guarantee the safety of our water and our people.

Thank you for the opportunity to testify.

Mahalo,

--

Kiana Otsuka

MSc Regional & Urban Planning Studies '16

London School of Economics and Political Science

BA Political Science, Urban Studies & Environmental Studies '14

Loyola Marymount University

Pi Beta Phi, California Nu

[linkedin.com/pub/kiana-otsuka/43/b50/986](https://www.linkedin.com/pub/kiana-otsuka/43/b50/986)

Pronouns: She/Her/Hers

From: [Patrick Watson](#)
To: [Hyatt, RaeAnn P](#); [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] DOH/Red Hill Navy fuel leak agenda item B-1 written testimony
Date: Monday, December 20, 2021 9:00:09 PM

Aloha,

1. The probability of this recent amount of fuel release happening again is high statistically (1 such event every 3.1 years, conservatively) yet no early warning monitoring/detection system was activated during the November 20th event, and no local water testing facility exists to allow for immediate test results down to parts per billion.
2. Another event of this scale will potentially contaminate the island's Moanalua and Waipahu-Waiawa area aquifers and cripple water service to 400,000 residents from Waipahu to Hawaii Kai.
3. As the chronic **expected** annual fuel leak level has been set at 5803 gallons per year, there is no accurate way to quantify the exact amount of fuel currently leaching into the environment from the Red Hill facility or any absolute way to control existing fuel contamination.
4. In a worst-case scenario based on current risk assessment data for the Red Hill fuel storage facility, over 120,000 gallons of fuel could potentially be released in a single event, resulting in no possible solution for restoration of the aquifer once it is contaminated at that level.
5. If protection of US citizens is one of the highest priorities of the US military, why was there a delay in notifying the residents of the presence of fuel in the Navy water system servicing military families, and an additional delay in notifying the Board of Water of a potential threat to the city's municipal water supply?
6. Is removal of all fuels and decommissioning of the Red Hill fuel facility the most effective action that the Navy can take today to prevent another such crisis from happening again?

Mahalo,

Patrick Watson

From: [Patrick Reyes](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Written Testimony Against Red Hill -
Date: Monday, December 20, 2021 9:44:53 PM

Good Evening Ms. Hyatt,

I am submitting written testimony for the January 7th meeting with the DOH, NAVFAC, and CWRM. Here is what I request:

- Monthly commission meetings that permanently include Red Hill on the agenda.
- The Director of DOH personally attends all Red Hill briefings.
- Have CWRM review all Navy permits and water usage at Red Hill for potential impacts to the Halawa aquifer.
- Order the Navy to attend all public hearings regarding Red Hill.
- **Do everything in your power to remove the tanks from Red Hill.**

The following is your motto: *The motto “Ke Kahawai Pono” exemplifies the Commission on Water Resource Management and it’s responsibility in protecting the water resources of Hawaii, recognizing that the waters of the State are held in trust for the benefit of the citizens of the State.*

In order for you to live and abide by this motto, the tanks from Red Hill must be removed by the Navy. This is the only way to ensure fresh and pure drinking water for the generations to come.

Patrick Reyes
Manoa Resident

From: [Patrick Reyes](#)
To: [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Red Hill Tanks Removal
Date: Monday, December 20, 2021 10:14:11 PM

Good Evening,

I am writing this email because I have a complaint against the Navy for leaking fuel into at least one drinking water well that serves 93,000 Navy customers. Will CWRM do anything to prevent these leaks in the future? What can you do to have these tanks permanently removed from Red Hill?

Sincerely,
Patrick Reyes
Manoa Resident

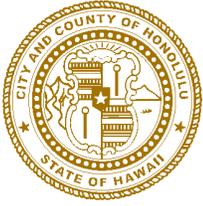
From: [Elna Nagasako](#)
To: [DLNR.CW.DLNRWCWRM](#)
Subject: [EXTERNAL] Commission on Water Resource Management 12/21 Agenda Item B-1
Date: Monday, December 20, 2021 10:30:36 PM

To whom it may concern:

Regarding the NAVFAC Hawai'i Ground Water Use Permits discussion on 12/21/2021, I urge the Commission to review all Navy permits and water usage at Red Hill for potential impacts to the Halawa aquifer. I also urge the Committee to maintain transparency on this important issue by holding regular monthly meetings on Red Hill and to commit to making future Red Hill conversations public. The environmental and public health impacts of water contamination due to Red Hill fuel storage leakage are significant, affecting both military and civilian residents. Without closure of the aging facility, future impacts will be devastating and costly. Transparency on the decisions to be made is critically important.

Thank you for your important work protecting the waters of the state of Hawai'i.

Sincerely,
Elna Nagasako
Makiki



CITY COUNCIL
CITY AND COUNTY OF HONOLULU
530 SOUTH KING STREET, ROOM 202
HONOLULU, HAWAII 96813 - 3065
TELEPHONE: (808) 768-5010 • FAX: (808) 768-5011

RADIANT CORDERO
Councilmember, District VII
(808) 768-5007
e-mail: rcordero@honolulu.gov

December 21, 2021

**SUBJECT: Councilmember Cordero testimony on Agenda Item B-1 to the DLNR
Commission on Water Resource Management**

Aloha Chair Case and Members of the Commission on Water Resource Management:

I am testifying in my capacity as a member of the Honolulu City Council, representing over 110,000 neighbors from Ford Island & Halawa to Liliha & Iwilei. In this district, I serve the communities from Halsey Terrace to Ford Island that have been poisoned and displaced from their homes due to their water being contaminated by jet fuel. I have witnessed and am disheartened by the seemingly disingenuous actions of the United States Navy (Navy) towards its communities and the people of Hawai'i by not being forthcoming with information pertaining to past fuel spills and taking immediate action to protect the health of our residents and our precious natural resources. I also represent the communities from Moanalua to Chinatown who are in great fear, fear that is reflective of communities across the island, due to the desecration of our life source — wai — by the Navy. In addition to armed forces housing, we have civilians' homes affected in 'Ewa Beach to local civilians' jobs at the Navy Exchange and Moanalua Shopping Center with no source of relief or direct assistance from the Navy. Reparations must be provided to those affected regardless of status and to the State of Hawai'i, Department of Health (DOH) City and County of Honolulu's Board of Water Supply (BWS), and the people of Hawai'i. Furthermore, we need the fuel removed immediately and the bulk fuel storage facility at Kapūkaki decommissioned.

I firmly stand behind the Department of Health's (DOH) reactive issuance of an Emergency Order regarding the most recent water contamination at the Red Hill Bulk Fuel Storage Facility. We must ensure our community's trust by demanding the Navy provide safe and reliable drinking water to the over 93,000 people impacted by this catastrophic embarrassment, and restore faith in Hawai'i's government to ensure the health and safety of all residents.

Access to safe and reliable water is an issue that must be immediately addressed. The Department of Land and Natural Resources Commission on Water Resource Management's (Commission) lawful obligation to administer the State Water Code directly serves its mission to protect and manage the waters of the State of Hawai'i for present and future generations. As you know, the actions taken by the military to currently suspend operations of the fuel tanks is not enough to save and secure our precious Moanalua-Waimalu aquifer. This issue has superseded a

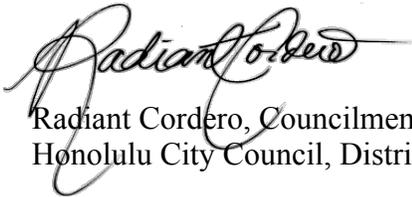
“military issue,” as local families are being impacted in schools and housing around the Navy water line. As a community regardless of military or civilian classification, we deserve better.

The erosion of the fuel tanks coupled with the erosion of trust in the Navy’s ability to manage and maintain its fuel tanks and waterline have created unnecessary fear in drinking water safety throughout O’ahu. Despite multiple leaks in the past, the Navy has given no evidential actions that they can continue to operate the fuel tanks while keeping the residents of Hawai‘i safe. Together, with the DOH and the BWS, I whole-heartedly support their expertise on how to best ensure safe and reliable water for all of our families

Along with the aforementioned requests, let’s all stand united, as people of Hawai‘i, to demand that the Navy immediately shut down the Red Hill Bulk Storage Fuel Facility – a reasonable way to ensure safe and reliable drinking water for today's families and future generations. The land and ka wai are the only natural resources we can leave behind as our legacy and as stewards of the land.

Thank you for your consideration of this request. Please feel free to contact me at (808) 768-5007 or at rcordero@honolulu.gov if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Radiant Cordero". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Radiant Cordero, Councilmember s
Honolulu City Council, District VII

From: [D](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Red hill jet fuel tanks
Date: Tuesday, December 21, 2021 12:41:30 AM

Aloha, Please do something to make the Navy clean up the red hill tanks and get rid of them forever. All of our water will be affected. The Navy needs to do this ASAP. They already did it at Point Loma in San Diego, CA where water is not critical. Surely they have plenty of money so they can afford to do this. And apparently they know how having done CA. This is critical to the citizens of Hawai'i'loa survival. What is it about this that they don't understand? No water no O'ahu!

From: [Carol Fahy](#)
To: [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Please protect our water source!
Date: Tuesday, December 21, 2021 4:12:39 AM

Enough already....
Don't give the military another chance to lie to us!

Protect our water source and close down the Red Hill tanks for good/forever

We need clean water free of petroleum traces....
Petroleum is the number one cause of cancer.....

10 years from now...the cases will spring up
And people will die

Carol Fahy
[REDACTED]
Kaneohe HI 96744
[REDACTED]

From: [Lara Reynolds](#)
To: [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Shut Down Red Hill
Date: Tuesday, December 21, 2021 4:36:59 AM

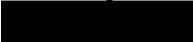
Dear CWRM,

Clean, healthy water is our wealth and the very basis for our life on and around our islands. Red Hill has been an ongoing disaster and disrespect of the wai of these islands. Our people, plants, animals and marine life are harmed by the ongoing fuel leaks stemming from Red Hill due to failing infrastructure, line malfunctions, operator error, understaffing and lack of monitoring by and local government oversight of the U.S. Navy.

I call upon you, as a public servant, to have the Red Hill fuel tanks safely decommissioned, to clean up the Red Hill environmental catastrophe in a sterile and transparent manner to avoid further negative impact on the health and well-being of our population, and to implement more stringent permitting systems that cannot be circumvented by the military or others.

Ola i ka wai!!!

Respectfully,
Lara Reynolds


Kaimukī

From: [Michael Reimer](#)
To: [DLNR.CW.DLNRWORM](#)
Cc: info@conservehi.org
Subject: [EXTERNAL] Red Hill discussions
Date: Tuesday, December 21, 2021 6:54:48 AM

This occasion of the fuel leak at Red Hill is but a portent of what is to come. A claim now that the detectable fuel in potable water supplies is below some standard of risk is not comforting as it is still detectable when there should never have been any present. Tomorrow's leak will be catastrophic and the environment will never recover. Water, land, ocean, and air will be so toxic that it can never be used to support life. Is this what is to become of a Pacific paradise? Is this the price of our freedom?

The military imparts a mantra that they are good stewards of the `aina. This seems to be all talk and no action, not only for Oahu but for all the Islands. Let it begin to show its sincerity. There is no need for residents, visitors, and even our soldiers to be placed in harm's way by unconscionable actions of the military in polluting the environment with no intent to mitigate the toxins.

It is probably past time to decommission those tanks but it is imperative that such decommissioning begin immediately. Therefore, the state must insist that it be done, now, without delay.

Michael Reimer, Ph.D.



12/21/2021

From: [M Burke](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] WATER use
Date: Tuesday, December 21, 2021 7:13:34 AM

Treat Hawaii like the queen she is, not a prostitute!

Protective policies and oversight of water resources are greatly needed and deserved.

*Aloha,
Maile*

From: Alison Bailes
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] TESTIMONY Shut Down the Red Hill Fuel Tanks
Date: Tuesday, December 21, 2021 7:15:23 AM

1992 EPA rules that underground storage tanks must be double-lined
2001 State of Hawaii enacts law to comply with EPA rules regarding underground storage tanks

2014 - Navy Fuel Tanks leak 27000 gallons of jet fuel. Enter into AOC with DOH, APA.
2015 - Ernest Lau BWS alerts the public to what is going on by inviting people to AOC meeting. Sierra Club gets involved.
2016 - Navy writes reports
2017 - Navy writes reports
2018 - Sierra Club lawsuit results in Navy having to get a permit for the tanks.
2019 - Destructive testing shows tanks are rusting from the outside as much as .1 inch thick.
2020 - Navy writes reports insisting tanks are safe and under control - works on permit

2021 - Leaks only disclosed by whistleblower, and then finally Halawa well shut down due Jet fuel contamination.

The Navy has dismissed fears of water contamination for years. They said it is under control. It is not. It is time to shut down these decrepit rusting 80 year old tanks. They cannot be allowed to pollute our water supply any further. It is extremely poor planning on their part as they have refused to see the inevitable failure of the tanks, and have not planned a successful replacement.

Alison Bhattacharyya

[REDACTED]
Honolulu, HI 96817
[REDACTED]



*Ali'i Sir Shad Kane
Ali'i 'Ai Moku*

Moku 'O Kapuāiwa
PO Box 971045 Waipahu HI 9679

*Ali'i Keoki Siegmund
Kākā'olelo*

From the Office of the Alii AiMoku



December 21, 2021

Aloha Hawaii State Commission on Water Resource Management (CWRM),

On behalf of the Royal Order of Kamehameha I, Moku O Kapuāiwa, I Alii AiMoku Shad Kane do hereby express my support to Conservation Council for Hawaii's call to "SHUT DOWN RED HILL FUEL TANKS PERMANENTLY".

Mahalo,

Alii Sir Shad Kane, KGCK
ALII AIMOKU
Royal Order of Kamehameha I
Moku O Kapuāiwa

Christensen Testimony Agenda item B-1

Red Hill hearing 21Dec2021

Phone: [REDACTED]

Address: [REDACTED]

Honolulu, HI 96826

To whom it may concern,

Aloha on this winter solstice morning. I hope the testimony many residents are submitting are of great concern because it is in regards to our most precious resource, pure water. Contaminated by the Red Hill fuels system, water is no longer safe to drink. Peer reviewed literature from UH demonstrated that O'ahu's aquifers are not independent from each other and that contaminants can leach into nearby aquifers. Furthermore, the leaking fuel is not an isolated incident as it has happened before in 2014 and 24,000 gallons is no small amount.

I submit my testimony today in strong support of shutting down the Red Hill fuel facility. It should be decommissioned, the fuel should be moved above ground responsibly to avoid another catastrophe, handled with care until a new facility can be made in a location that does not threaten our drinking water or natural resources.

I submit testimony in strong support of transparent monthly commission meetings, open to the public. I submit testimony strongly supporting the commission to review all permits and water usage. Also, the Navy must be present at all public hearings regarding Red Hill.

On an island, contamination of the drinking water will ripple through tourism, public health, student's education, and our states resiliency. No industry is safe and robust economic activity cannot be sustained. This must never happen again and we must ensure corrective action is taken no matter the cost because there is absolutely no substitute for pure water.

Sincerely,

Dain Christensen

From: [Shirley Swinney](#)
To: [Hyatt, RaeAnn P](#)
Cc: [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Red Hill
Date: Tuesday, December 21, 2021 8:41:07 AM

Aloha Commissioners,

My name is Shirley Swinney, a Hawaiian homesteader in Kapolei. I join the multitude of voices calling for an end to the hewa being placed on our 'aina and wai. I echo all the grave concerns for Hawaii's people, place and environment. My hope is that while we may not be able to assure future generations an affordable house in Hawaii, in the least, we must ensure we provide for their basic need for clean, pure water. It is our kuleana.

Mahalo, Shirley Swinney

Sent from my iPad

To: Testimony to the Commission on Water Resources Management

From: Marti Townsend, Attorney

Date: December 21, 2021

Re: Agenda Item B-1 Red Hill Bulk Fuel Storage Facility

Aloha Chair Case, members of the Water Commission

Thank you so much for holding this truly public meeting on the Red Hill Fuel Tank Facility response to the US Navy contaminating our drinking water. I have dreaded this day coming every day of the 7 years I worked to retired the Red Hill Fuel Tanks. This is a crisis, a disaster, but certainly is not a surprise.

While my heart breaks for our water and the future our children must now endure because our water is contaminated, I am so relieved and grateful to see so many of us – hopefully all of us – on the same page. Finally! We have a chance to protect our drinking water, our streams, and our beaches from being further contaminated with jet fuel. Thank you for taking a stand for our water.

The main idea I want to leave you with today is: the Navy cannot be trusted to follow through on anything they say. I realize this is counter to the approach most people take to any branch of the U.S. military; and as a descendant of proud U.S. military soldiers, it breaks my heart even more to say: do not trust them.

Why We Cannot Trust the U.S. Navy

I. U.S. Navy has structurally amnesia

We cannot trust the U.S. Navy to protect our water from the fuel leaking from their Red Hill fuel facility because their system is set up to evade accountability. Officers are transferred in every few years, briefed on the highlights of the Red Hill issue, and then they are confronted by a “surprise” event at Red Hill, and being good people these individual officers who are here for a hot-minute do everything in their power to make it right, they promise to fix it, promise it will never happen again. And these officers – very ones before us now – really have no idea how many different times we have heard the exact same turn of phrase, the same excuses, the same promises. And then, before anything meaningful can happen, these officers are transferred away

and have no way of ensuring whatever promises they made are actually fulfilled. A new officer is inserted and we start all over again.

This is a self-imposed amnesia that is inherent to the Navy's structure and decision-making process. The collective memories of the people of Hawai'i is the only antidote for this god-awful merry-go-round.

This is the pattern:

After a major leak at Red Hill, there is a series of stern meetings with elected officials at the federal, state, and city level – both public and private. There is a series of press conferences where the public hears some details about the latest leak, as well as repeated assurances that everything will be made right. Eventually, there is a report that is partially released that explains it was not the actual fuel tanks themselves that leaked. They explain that it was a contractor who did not do the job right, an operator who did not follow procedures, a pipeline that they did not know what connected to the system (...anything but the actual tanks that hold the fuel and make necessary the pipelines, the operators, and the contractors). This excuse is used to justify keeping the tanks in place while conducting detailed studies, and making very expensive, but ineffective “improvements” to the tank system. This study and fix approach take years, the studies are often either:

- A) rejected by the regulators because they do not meet minimum expectations of a quality study or
- B) disavowed by the U.S. Navy because they are so damning. State officials are briefed periodically, but take no action. And then eventually another leak occurs, and the cycle begins again, each time worse than the last.

Although the life-threatening pollution gets steadily worse with each leak, the response from officials is generally the same each time. To the point now, that people are actually drinking jet fuel, and we are praying that the plume of contamination in our water can somehow be mitigated. If these tanks remain full of fuel now, then in less than 10 years, we will be back in this exact situation only worse. Where do you want to be in 10 years?

II. The U.S. Navy is unprepared & incompetent

We cannot trust the U.S. Navy to protect our water from their fuel because they lack the forethought and competence required to do that. Despite knowing the 90% chance of a leak like the one in 2014 happening about every 10 years, the U.S. Navy has zero plans for handling fuel in the water supply. They have:

- No early detection system to alert operators of pollution
- No reporting system – in fact they dismissed early reports of contamination from their own people

- No reserve of freshwater set aside for their own people, much less the rest of us
- No laboratory or testing facilities, and no filters or remediation equipment at the ready
- No monitoring for the streams to know whether fuel is present before we swim or fish

To the extent they thought at all about what to do if fuel gets into their drinking water, the Navy's plan was to get water from the Honolulu Board of Water Supply. Which we all know is not really a plan because it is all one water supply. The U.S. Navy is wholly unprepared to handle a self-made disaster that was well-anticipated to occur.

In addition to being completely unprepared, the U.S. Navy is wholly incompetent in their implementation. The botched handling of this self-made crisis is a tragic comedy. From the "flushing" of contaminated water into storm drains and streams with no regard for the impact on those streams and the ocean they all feed into, to conflicting announcements from the various branches of the U.S. military affected by the contaminated water supply, water management is clearly not what the U.S. Navy does.

The high level of incompetence at the U.S. Navy is also evident in the many submissions required by the Administrative Order on Consent that have been rejected by regulators as insufficient. This includes the statement of work to implement the Administrative Order on Consent, the groundwater monitoring plan, the risk and vulnerability assessment, the corrosion study, the tank upgrade alternative proposal, and the application for a permit to operate the facility, among other things.

U.S. Navy's mission is to make war, not manage shared, essential resources. Let's be smart and not put the war-makers anywhere near the life-giving waters of our islands.

III. The U.S. Navy is not honest

We cannot trust the U.S. Navy to protect O'ahu's drinking water supply because they literally lied under oath. At the beginning of 2021, an evidentiary hearing was held on the terms of the underground storage tank permit to be issued to the Navy by the Health Department, several U.S. Navy officers and civilians testified under oath. At this hearing, Commander Darrell Frame was asked if there were any leaks from the Red Hill fuel facility since 1988 – other than the 2014 leak, which the Navy contended was due to contractor mistakes, not the tanks themselves. He said no. He maintained that 1988 was the last true leak from the Red Hill facility.

What we did not know until 8 months later is that while Commander Frame was testifying, he was also managing a leak from the Red Hill facility. Email correspondence released by a Navy whistleblower revealed that Commander Frame knew before he testified under oath that the fuel detected in the environment as early as January 2021 was in fact new fuel leaking from the Red Hill fuel facility.

IV. The U.S. Navy lies to itself

The story the U.S. Navy institution tells its people is: the Red Hill Fuel Facility is so important to their mission that it is worth destroying their own water supply. But that they have no need to worry because they have the facility well-managed, completely under control. They call it the 8th Wonder of the World.

Truth is the know-how and equipment necessary to “manage” a facility as precariously positioned as these fuel tanks, does not exist on the planet. There are very few private companies that know how to repair field constructed tanks because most of the field constructed tanks built have been retired.

What is needed to maintain the Red Hill fuel tanks does not exist. The Navy recently signed a very large contract with a Scandinavian company to invent a new kind of sealant that could coat the inside of the existing tanks, covering the naturally occurring pit-holes in the steel, patchwork seams that are the tanks themselves. The challenge is finding a sealant that is not broken down by the chemicals inherent in fuel.

This yet-be-invented sealant is the Navy’s best option for improving the tanks. They cannot double-wall the existing tanks, they cannot put a newer smaller tank inside the existing tanks. I know this because an officer of the Navy explained the physics limiting changes at the facility as way to talk me out of advocating for the double-wall requirement.

In 2018, as the options for upgrading the tanks were being formed, a well-meaning engineer in a naval uniform pulled me aside at a public meeting at Moanalua Middle School. This engineer explained that a “tank within a tank” is simply not possible at Red Hill. The weight of the fuel, the fragility of the existing tanks, limited access points to the facility meant there was no way to suspend or raise a tank full of fuel inside the existing tanks. The one small opening in and out of the facility means there is no way to get the large machinery necessary to actually upgrade the tanks into the facility. This engineer told me “we have to just accept” the facility as is and trust that the improvements offered in the cheapest and least protective upgrade alternative would be enough to protect the water supply. I do not trust that. And neither should you.

The Red Hill Bulk Fuel Storage facility is not the 8th wonder of the world. It is Frankenstein’s monster. In that cautionary tale, Dr. Frankenstein is so proud of his creation that he cannot bring himself to destroy it even though he knows his creation kills people just by doing what comes naturally to it. The U.S. Navy is Dr. Frankenstein, willing to sacrifice the village for its engineering marvel that gives it easy access to gasoline.

The US Navy – as an institution – has put you – our state agencies – in the position of having to choose our water or their fuel. And the people of Hawai‘i are here today to ask you to please choose us... choose our water, our way of life, our future here in these islands.

Be clear, firm, and follow through with the U.S. Navy. It has taken several lawsuits by the Sierra Club to get the State of Hawai‘i to the point that we are willing to think hard about the real threat this facility poses. Please do not make us do that. Please just be the guardian of the resource that the people of Hawai‘i expect you to be.

We are not sacrificing our water for war.

V. RECOMMENDATIONS

1. Overly support DOH order to de-fuel

Please publish a statement that very clearly supports the Health Department’s direct order to immediately de-fuel the tanks. This is the immediate next step that must be taken to break the perpetually worsening pattern we are currently stuck in.

2. Active Oversight

The consequences of this contamination will affect water resource management for the foreseeable future. The U.S. Navy, Environmental Protection Agency, and Hawai‘i Department of Health must be completely transparent with the Water Commission. At a minimum, this should be a standing item on the Commission’s monthly agenda.

If a new Administrative Order on Consent is adopted (which would be the next worst case scenario), then the Water Commission should be a regulating entity included in that contract, along with the Honolulu Board of Water Supply.

3. Enforcement & Consequences

The U.S. Navy’s actions led to parents poisoning and burning their own children. Their mismanagement of their own system now threatens the safety of all water wells on the island of O‘ahu. This is outrageous and cannot be tolerated. The Water Commission must direct all of its enforcement authority on condemning this horrible tragedy. This includes imposing very significant fines and revoking the U.S. Navy’s well permits. Only the Honolulu Board of Water Supply should be delivering water to residents of O‘ahu who use a shared water distribution system.

Attachments:

Timeline of Events related to the management of the Red Hill Bulk Fuel Storage Facility, produced by the Honolulu City Council, December 15, 2021.

Timeline regarding Management of the Red Hill Bulk Fuel Storage Facility
Honolulu City Council December 15, 2021

Date	Event Type	Event
1992	State Action	State Legislature amends law to require that pre-existing underground storage are upgraded and operated to prevent releases during the operational life of a tank or tank system.
2002	Federal Action	The Environmental Protection Agency (“EPA”) authorizes the Hawaii State Department of Health to regulate the Red Hill Bulk Fuel Storage Facility.
2014	Leak	27,000 gallons of fuel leaked from a single tank
2014	State Action	Senate joint resolution to requesting DOH to create a task force. https://capitol.hawaii.gov/Archives/measure_indiv_Archives.aspx?billtype=SCR&billnumber=73&year=2014
2014		“Report to the 28th Legislature, State of Hawaii, pursuant to Senate Concurrent Resolution 73,” (December 2014) that double-lining the large and aging tanks provides one method of preventing future leaks capable of contaminating a major underground aquifer
2015	Federal Action	The EPA negotiates an Administrative Order on Consent (AOC), with the U.S. Navy and the Defense Logistics Agency (DLA)
2015	City and County Action	Resolution 15-84 passes council unanimously. http://www4.honolulu.gov/docushare/dsweb/Get/Document-164482/RES15-084%2c%20CD1%2c%20FD1.PDF
2016	State action	Task force becomes law (HRS 342L-61)
2017	Suit	Sierra club sued DOH over the department’s exemption of Red Hill tanks from UST regulations
2019	State Action	As a result of a lawsuit from Sierra Club, DOH requires the Navy to submit a permit application for the first time.
2019	City and County Action	BWS objects to the Navy’s permit application, noting concern for proximity to aquifer and potential for Navy fuel tanks to leak. BWS and Sierra Club objections to

		Navy's permit leads to a series of contested case hearings which is still ongoing.
2020	State Action	A routine DOH inspection results in over \$300k in fines to the Navy due to, among other things, failure to operate and maintain rust protection of metal components of tanks and piping system.
March 8, 2019	City and County Action	Honolulu City Council passes resolution urging the United States Environmental Protection Agency and the Hawaii State Department of Health to support the secondary containment tank upgrade alternative option, or to support the relocation of the fuel tanks away from the aquifer. Resolution further affirmed by Resolution 19-270, which was passed on November 11, 2019.
May 2021	Leak	Another leak of 1,600 gallons occurred at the Red Hill facility.
November - December 2021	Leak	14,000 gallons of "water-fuel" mixture released from a drain line. Military families report odor, oil slicks in water, illnesses. Red Hill shaft is shut down without notifying BWS.
December 1, 2021	City and County Action	Council Chair Tommy Waters and Councilmember Radiant Cordero introduce Bill 48, which would prevent the operation of any underground fuel tank on Oahu unless it can be established that the tank will not release any regulated substance during its operating life.
December 6, 2021	State Action	DOH issues Emergency order to defuel
December 9, 2021	City and County Action	Council Vice Chair Esther Kia'aina introduces Resolution 21-276, which urges the permanent removal and relocation of the U.S. Navy Bulk Underground Bulk Fuel Storage Facility.
December 13, 2021	Suit	Sierra Club, represented by Earthjustice, file a motion to intervene in proceedings related to DOH's emergency order

From: [John Bond](#)
To: [Hyatt, RaeAnn P](#); [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Navy fuel spill 10-times larger than first revealed, water crisis came later
Date: Friday, December 24, 2021 3:29:36 PM

“Not only 19,000 gallons that the Navy couldn’t account for and was completely unaware it had lost, but that somehow — and we don’t know how — it got into a firefighting pipe that’s never supposed to have fuel in it,” explained David Henkin, an attorney with Earthjustice, one of the intervenors in the DOH hearing.

<https://www.khon2.com/always-investigating/navy-fuel-spill-10-times-larger-than-first-revealed-water-crisis-came-6-months-later/>

“So the 20 tanks, we have two that are out of service in a semi-permanent manner, leaving 18 tanks at any given time,” Meyer explained. “All four of those are usually out of service or in clean-inspect-repair or the current process. So right now there are 18 minus four, so the 14 tanks active.”

Whether the Navy will have to remove its Red Hill fuel hangs in the balance of a state hearing over a massive military water contamination crisis. Always Investigating follows up on a stunning revelation at a Department of Health hearing.

A Navy official disclosed that far more fuel leaked from the Navy’s tanks than was previously revealed back in the spring. It may be the same contaminant that sickened hundreds last month and made water still unusable for thousands on Oahu.

“The take-home message here is the Navy has no idea what’s going on at Red Hill, it has no way to control its fuel and keep it out of its water supply or our water supply.”

From: [Cory Harden](#)
To: [Hyatt, RaeAnn P;](#) [DLNR.CW.DLNCWRM](#)
Subject: [EXTERNAL] drain tanks
Date: Saturday, December 25, 2021 11:09:24 PM

Aloha CWRM,
Please have the Navy drain the Red Hill tanks. It can only get worse.
mahalo, Cory Harden

From: [Kyle Kajihiro](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Testimony for 1/7/2022 Agenda on Red Hill Water Crisis
Date: Wednesday, December 29, 2021 11:11:00 PM

Date: January 7, 2022
To: The Commission on Water Resource Management (CWRM)
From: Kyle Kajihiro
Subject: Protect and manage the waters of O‘ahu

Aloha Commissioners. Thank you for the opportunity to testify. My name is Kyle Kajihiro. I am an instructor in Geography and Environment as well as Ethnic Studies at the University of Hawai‘i at Mānoa. I am also a member of Hawai‘i Peace and Justice and of the O‘ahu Water Protectors. But today I am testifying as an individual.

In preparation for this testimony I reviewed some guiding documents on the CWRM website. The mission of CWRM could not be clearer and more vital: “To protect and manage the waters of the State of Hawai‘i for present and future generations.”

In the Water Resource Protection Plan (2019), I was heartened to find the Public Trust Doctrine listed as the first guiding policy. In line with this sacred obligation, the list goes on to include “The Precautionary Principle: The State has a duty to take anticipatory action to prevent harm to public resources.”

And while the Department of Health has historically regulated underground storage tanks and safe drinking water, the Red Hill disaster has demonstrated that the Department of Health alone is unable to rein in the Navy and protect the aquifer from contamination. CWRM’s mission overlaps with DOH. CWRM must do more.

The U.S. Navy’s refusal to defuel and decommission its deteriorating Red Hill Bulk Fuel Storage Facility has already contaminated our primary drinking water aquifer and disrupted the lives and health of thousands of residents. Now the spreading disaster has forced the Board of Water Supply (BWS) to shut down three wells as a precautionary measure to prevent the contamination of its wells. This action alone will have cascading effects on other aquifers and eventually all O‘ahu water users.

The Navy is a bad actor whose negligence, dishonesty, and arrogance of power have spilled over to affect water users across the island.

So I implore you. What penalties and enforcement actions can CWRM take to prevent a bad water user from harming the resource for everyone? How has this crisis affected water use at other wells on O‘ahu? With the Navy now drawing all of its water from its Waiawa well, how will this affect that aquifer? And is this use in compliance with the Navy’s existing water use permits?

With BWS water use redistributed to different wells and aquifers, what impacts will this have on the sustainability of those sources and on the overall water allocation plans for O‘ahu? How will the Commission revise its sustainable yield projections and permits in the event of irreparable harm to the Hālawā aquifer? What emergency powers can CWRM invoke to force certain actions to prevent imminent threats to the water resources?

If the Navy’s actions are threatening the most important aquifer on O‘ahu, CWRM has a fiduciary

duty as the trustee of this public trust resource to intervene in these legal and political proceedings to protect the water.

You must become more than simply a water permitting agency. Hold the Navy and other agencies accountable. Live up to your mission “to protect and manage” the water. Thank you for the opportunity to testify. Ola i ka wai. Water is life. Shut down Red Hill.

--

Kyle Kajihira, Ph.D. (he/him/his)
Lecturer, Department of Geography and Environment
Lecturer, Department of Ethnic Studies
University of Hawai‘i at Mānoa
kkajihir@hawaii.edu

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Thursday, December 30, 2021 4:39:21 PM

Form Summary

My Name is: Melissa Ng

I reside at: [REDACTED] Honolulu, Hawai'i 96814

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. It must be drained and decommissioned as soon as possible.

Additional Comments: I am urging you to do the right thing and care for the health and future of Hawai'i and its' people.

The message has been sent from 72.234.12.92 us at 2021-12-30 on Safari 13.1.3
Entry ID: 165
Referrer: <https://l.instagram.com>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [Brittney](#)
To: [Hyatt, RaeAnn P;](#) raenraeann.p.hyatt@hawaii.gov
Subject: [EXTERNAL] Urgent Red Hill Needs!
Date: Sunday, January 2, 2022 6:55:30 AM

Please work to shut the facility down and phase out these practices. We must divest investments in fossil fuels and begin to reduce/eliminate infrastructure and resources that burn dirty fossil fuels.

We must have access to monthly meetings about Red Hill. The director of DOH should be required to attend these meetings. All future conversations regarding Red Hill shall be made public as this deeply impacts public resources essential to OUR continued existence. We know fossil fuel companies care about pay checks, profits and maintaining a business model that allows our cars and gas ranges a continued existence, which does not take into consideration public health.

All current and any new navy permits and water use at Red Hill should be reviewed for potential impacts to the Halawa Aquifer.

I urge that representatives of the US Navy and perhaps the EPA attend these meetings too.

We must protect our Earth and resources essential to life. Air, water, soil/the ability to grow food are the main factors necessary for life to go on. Capitalism's press for profits using dirty/outdated practices that only look at short term financial consequences are causing us huge problems. The long term impacts are catastrophic and need to be addressed now if we plan to survive.

Brittney O'Connor

Sent from my iPhone

From: [Angela Huntemer](#)
To: [Hyatt, RaeAnn P;](#) [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] COMMISSION ON WATER RESOURCE MANAGEMENT MEETING January 7, 2022
Date: Sunday, January 2, 2022 12:16:30 PM

Dear Committee Members,

I am writing to you in support of the immediate, shut down of the Red Hill Bulk Fuel Storage Facility.

The Navy continue commending themselves on their response to their disaster, telling us how much they care etc etc. These self-serving claims miss the entire point of how the fuel continues to pose an existential threat to our drinking water supply.

Our congressional delegation, State and City government, Hawaii residents of every age, ethnicity and socio-economic background are united in the effort to compel the Navy to move that fuel. This is not an issue that be compromised.

Mahalo,
Angela Huntemer MEd
Public School Teacher,
Mom,
Water Lover.

From: [Noel Shaw](#)
To: [Hyatt, RaeAnn P;](#) [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Commission on Water Resource Management- Red Hill Written Testimony
Date: Monday, January 3, 2022 11:56:23 PM

Aloha Commissioners,

I stand in support of the Hawaiian community, the Department of Health, and the Board of Water Supply's position that the Navy's Kapūkakī (Red Hill) fuel tanks must be drained and decommissioned to protect and maintain the integrity of O'ahu's water resources.

As a Hawaiian Homestead leasee, a mother able to trace her genealogy back to Hawai'i's beginnings, and someone who intends to continue to root her 'ohana to this place forever, ensuring me and every generation after me has access to clean water is paramount to my existence. Without clean water, there is no Hawai'i and as the Commission on Water Resource Management, I know you all know this is our most important resource.

I live in an area serviced by the BSW Halawa shaft, the one adjacent to the Navy shaft that has been polluted. Currently, the shaft that provides us with water resources is shut down in fear that if we access water from it, it could also be contaminated because of the proximity to the contaminated shaft and because both shafts take water from the same aquifer.

My concern about what the summer months will look like for O'ahu as a whole because this shaft is shut down are pressing. We as Hawai'i people have and will pay the long term price for the most recent Navy spills and if allowed to continue having these fuel tanks working, we will pay even more so.

The Navy has proven they aren't capable of managing these tanks safely and they've also shown they aren't willing to take accountability to make this right.

I request that the Commission on Water Resource Management echo our stance, and call for the draining and decommission of the Red Hill fuel tanks immediately. It is your duty to protect our water resources and service the people of Hawai'i always.

Ola i ka wai,
Noel

--

Noel Kaleikalaunuoka'oia'i'o Shaw



From: [Charlene Holani](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] SHUT DOWN RED HILL
Date: Monday, January 3, 2022 7:03:54 PM

I Charlene Holani testify on behalf of myself and family and future generations to come, that red hill fuel tanks not only be shut down but Also decommissioned and as best as possible the facility and all it has caused damage to be cleaned up asap.

Sent from my iPhone

From: [Chez Canite](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Aloha
Date: Monday, January 3, 2022 10:31:25 PM

Aloha,

My name is Chez aurora Kapiowaianuenue Canite. I'm a native Hawaiian/ kanaka Mauoli. I'm a desendant of other Hawaiian kingdom subject that live here before the overthrow of our kingdom. I writing to you today about the red hill water situation. I'm very concerned about our precious water resources and aquifer. This is extremely dangerous! And this needs to be drain now. We know we are an illegally occupied nation. Navy did not have the Authority to build anything on our land. Not of the military base and everything that comes with it shouldn't not be here. We are a neutral nation that doesn't Engage in war. And we have been in a state of war since 1893. We are no longer miseducation. We know the truth and our history. There no treaty of annexation or Treaty of peace. I demand the navy and military to start following the laws of occupation. And listen to the people who lived here for 2000 years. Our water resources is our life. We need it to stay clean and fresh. Hawaii such the best natural alkaline water. And these tanks is a threat to our water and island. Please drain the red hill tanks and get out of Hawaii. You making our home a threat to our country's because USA is here. Drain the red hill tanks now!

Mahalo for listening to my testimony.

Mahalo nui,
Kapiowaianuenue.

Sent from my iPhone

From: [Meredith Buck](#)
To: [Hyatt, RaeAnn P;](#) [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Testimony for Water Resource Management Commission Meeting
Date: Tuesday, January 4, 2022 12:45:15 PM

Aloha mai kākou,

My name is Meredith Buck and I reside in Kailua Kona, HI.

I am writing to share my testimony in support of permanently dismantling the fuel storage tanks at Red Hill. Because I have friends and community who are directly impacted by the water contamination the Navy has inflicted on their aquifer, it is important to me that the Navy take responsibility and resolve this issue once and for all. The military that claims to serve and protect must prioritize the real human lives of our community first. Without safe water, it doesn't matter how much fuel can be stored because our lives depend on clean and safe water, not fuel. No one can drink, bathe in, or live on jet fuel.

Mahalo nui loa for your time and consideration.

Meredith Buck
96740

From: [Dylan Ramos](#)
To: [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Testimony for 1/7/22 Agenda Item B-1 Red Hill
Date: Tuesday, January 4, 2022 7:34:25 PM

Aloha,

First, let me thank this Commission for focusing on the very important problem posed by the Red Hill tanks.

Second, mahalo to the Department of Health for affirming the emergency order to drain the tanks. Please strengthen your position by demanding the permanent draining and decommissioning of the tanks, rather than leaving open the opportunity for the Navy to implement faulty ‘solutions’ and refill the tanks. Also, please continue choosing the side of Hawai‘i and its people, and increase the level of public participation allowed in hearings and on matters such as this so that pressure and attention can build.

Third, to NAVFAC Hawaii, the U.S. Navy, and the U.S. Federal government in general: it is almost impressive that you’ve managed to hurt these lands on yet another terrible level. It is truly amazing to hear — right out in the open — comments that, if heard out of context, could easily be mistaken for words spoken by 19th century imperialists and dictators obfuscating the truth while their people suffer.

No scientific or fancy words should be necessary, no eloquent and provocative speakers should have to be on the streets or on our TVs — we all know that water is life. Do the right thing, shut down Red Hill, add better containment and leak detection systems in the meantime, and save our water.

Mahalo,
Dylan Ramos
Honolulu, HI

From: [REDACTED]
To: [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Tuesday, January 4, 2022 7:36:46 PM

Form Summary

My Name is: Mariko Reed

I reside at: [REDACTED]

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. It must be drained and decommissioned as soon as possible.

Additional Comments:

The message has been sent from 52.119.120.240 us at 2022-01-05 on iPhone unknown
Entry ID: 166
Referrer: <https://l.instagram.com>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: DLNR.CW.DLNRCWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR 12/21
Date: Tuesday, January 4, 2022 7:38:49 PM

Form Summary

My Name is: Kanoa Zimmerman

I reside at: [REDACTED] Honolulu Hi 96816

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. It must be drained and decommissioned as soon as possible.

Additional Comments:

The message has been sent from 174.241.41.70 us at 2022-01-05 on iPhone unknown
Entry ID: 167
Referrer: <https://l.instagram.com/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR
Date: Tuesday, January 4, 2022 9:07:54 PM

Form Summary

My Name is: Nicole Childs

I reside at: [REDACTED] Kapolei

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. It must be drained and decommissioned as soon as possible.

Additional Comments:

Our drinking water is our most valuable commodity, steps need to be taken to ensure its security for the long-term. These tanks need to be decommissioned and removed, the Navy cannot treat our island as a storage facility for toxic chemicals.

Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR
Date: Tuesday, January 4, 2022 9:08:49 PM

Form Summary

My Name is: Kenna Reed

I reside at: Palolo

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. It must be drained and decommissioned as soon as possible.

Additional Comments:

The message has been sent from 76.88.169.135 us at 2022-01-05 on iPhone unknown
Entry ID: 169
Referrer: <https://l.instagram.com>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [REDACTED]
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR
Date: Wednesday, January 5, 2022 7:30:12 AM

Form Summary

My Name is: Rachel

I reside at: [REDACTED]

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. It must be drained and decommissioned as soon as possible.

Additional Comments:

This is my workplace and I don't feel safe washing my hands which is some thing very important especially considering the pandemic currently.

The message has been sent from 172.56.44.200 zz at 2022-01-05 on iPhone unknown
Entry ID: 170
Referrer: <https://l.instagram.com/>
Form Host: <https://form.123formbuilder.com/6056842/form>

From: [Stanford Masui](#)
To: [Hyatt, RaeAnn P;](#) [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] SHUT DOWN RED HILL
Date: Wednesday, January 5, 2022 9:40:13 AM

Sirs/Madam(es): You are aware that the Department of Health has ordered the Navy to de-fuel and shut down Red Hill, government officials and agencies including the Honolulu City Council and the Congressional delegation have supported the DOH order. Please add your voices to support the Department of Health. However, the Navy has continued its opposition to the order, and will likely appeal the order and trigger lengthy litigation. There are at least three levels of appeal (Circuit Court, Intermediate Court of Appeals, and Supreme Court) with a possible appeal to the US Supreme Court. This could take years which Hawaii cannot afford with a "ticking time bomb" of aquifer contamination (as described by Hearing Officer Day). The fastest avenue of action would be an order by President Biden to the Navy to shut down with all expedient speed to prevent a catastrophe. Please directly contact the President and urge him to do so. Further delay jeopardizes our entire community. Thank you for your immediate action on this matter.

PLEASE NOTE NEW ADDRESS AND PHONE.

FAX AND EMAIL ARE THE SAME

STANFORD H. MASUI

P.O.B. 3406

Honolulu, HI 96801 Ph. (808) 779-7710 FAX: 521-7620

[LAW OFFICES OF STANFORD H. MASUI](#)

From: [REDACTED]
To: DLNR.CW.DLNR.CWRM
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR
Date: Wednesday, January 5, 2022 10:14:42 AM

Form Summary

My Name is: Rachel O'Leary

I reside at: Vienna, Virginia

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Since 1943, at least 180,000 gallons of fuel have leaked from the Red Hill facility into the surrounding environment and more is likely. This includes the 27,000 gallons that leaked from Tank 5 in 2014., The most recent leaks include 14,000 gallons of fuel-water mixture in November 2021, 1,600 gallons of fuel in May 2021, both from the Red Hill facility itself and an unknown amount of fuel starting in early 2020 at Pu'uloa Hotel and Kilo piers., Past studies have also detected traces of petroleum chemicals in the groundwater near the tanks. No effort was made to clean up the leaked fuel and the Navy, EPA, and Hawai'i Department of Health cannot guarantee that the Red Hill tanks will not leak again., The Navy's own studies cite that there is a 27.6 % chance that the facility could leak up to 30,000 gallons of fuel every year. That is an almost 1 in 3 chance that another large leak—similar to the 2014 leak—will occur in the future., The Red Hill Bulk Fuel Storage Facility is the largest threat to O'ahu's drinking water security. It must be drained and decommissioned as soon as possible.

Additional Comments:

The message has been sent from 108.51.75.6 us at 2022-01-05 on Chrome 96.0.4664.104
Entry ID: 171
Referrer: <https://l.instagram.com/>
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From: [Alexandra Gomez](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] (Testimony) Water Commission Meeting: 01-07-21
Date: Wednesday, January 5, 2022 10:18:36 AM

Hello, I'd like to submit testimony for the water commission meeting this Friday, January 7 at 9AM for agenda item B-1.

TESTIMONY:

As an American citizen, I expect a few things from the Navy and it's governing bodies. For starters, protecting the American people and respecting the land and the peoples of which they occupy. It's concerning that as time goes on, our public seems to only become more and more distrusting of not just the military, but our government, which does not seem to have our best interests at the forefront of their decision making. The second a citizen or peoples right to something as essential as water is at jeopardy, there should not be any need for further inquiry, simply action to protect the people and their access to essential resources. With that, it's now more imperative than ever that there be oversight on the actions of the Navy and the government, since they cannot be trusted to operate responsibly. If the Navy cannot be responsibly trusted to do right by citizens, at the very least, the following must ensue:

- monthly commission meetings on Red Hill
- keep conversations (between commission and DOH) about Red Hill public
- review all Navy permits and water usage, not just at Red Hill, but across its scope to ensure responsible usage and actions
- require the Navy to attend all public meetings that involve its usage of water and any other resources at Red Hill and beyond

Accountability is the very least that the American government and its branches need to begin participating in. After all, it is our tax payer dollars that pay for these projects, the salaries of those that run them and ultimately the governing bodies that are in place to protect us.

Do the right thing.

Alex C.

From: [Margaret Coons](#)
To: [Hyatt, RaeAnn P](#)
Cc: [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Margaret Coons Testimony for 1/7 Meeting
Date: Wednesday, January 5, 2022 4:49:52 PM

Hello! My name is Margaret Coons and below is my testimony for the meeting of the Commission on Water Resource Management occurring on January 7th.
Thanks!

Thank you so much for arranging this meeting. I'd like to share some facts I've learned in researching the Red Hill fuel system and its impact on Oahu. It is important we pay attention to the fuel system and take swift action to make changes since the system has caused issues in the past. Notably, one of the fuel tanks leaked approximately 27,000 gallons of fuel in 2014. According to the Department of Health, Red Hill's proximity to an aquifer is "inherently dangerous," and the DOH Environmental Health Administration "doesn't believe Red Hill can operate in a way that protects human health and the environment" (Jedra). Given these statements and events, and the most recent reports of water contamination in November, the Navy must follow through with its promise of protecting civilians by substantially renovating the Red Hill facility to protect public health and the environment, or suspend its operations.

The Naval Facilities Engineering Systems Command, Captain Gordie Meyer, stated that "[the Navy] can do both. It's not a matter of one or the other" (Jedra). I completely understand the Captain's perspective; with growing military threats from countries on the Pacific rim such as China, North Korea and Russia, the Navy wishes to protect our country and its citizens by retaining a strong naval and aviation presence in the Pacific. In order to "do both," though, the Navy is accountable for taking the action necessary to ensure that fuel tanks are safe and secure, both in maintenance and in proximity to vulnerable water sources. Navy bases in other states have taken the steps necessary to prevent fuel leaks, so Red Hill can do the same. In fact, "Officials in Washington called the Navy's shutdown of their region's World War II-era fuel tanks a win for taxpayers, the environment, and the military" (Jedra). Whether the best solution ends up being to upgrade the fuel tanks, move them, or both, Red Hill's facility is in need of serious improvements. Even if the tanks did meet the DOH's standards for health and human safety, their worn shells and mid-century design could impair the Navy's usage in the case of an attack or other fuel-related emergency. Thus, the tanks in their current state harm the Navy's operational preparedness, the environment, and the residents of the island.

What is today a number of complaints could turn into tens of thousands of instances of groundwater contamination, given the fuel tanks' relation to the water systems that provide for much of Oahu, the toxicity of jet fuel, and the fast rate at which it infiltrates and pollutes an aquifer. I would urge the Navy to listen to the DOH, Governor Ige, the Chief Engineer of the Honolulu Board of Water Supply, and Oahu residents and move forward in draining, renovating and securing the fuel tanks as soon as possible.

Regards,
Margaret Coons, concerned civilian

Sources: "How the Red Hill Fuel System Has Threatened Oahu's Drinking Water for Decades" by Christina Jedra, and "'A Ticking Time Bomb': Hearings Officer Says Order to Drain Red Hill Fuel Tanks Should Stand"

From: [REDACTED]
To: [DLNR.CW.DENRCWRM](#)
Subject: [EXTERNAL] Written Testimony on Red Hill Submission by Red Hill DLNR
Date: Wednesday, January 5, 2022 4:51:08 PM

Form Summary

My Name is: Georgia Thompson

I reside at: [REDACTED]

Email: [REDACTED]

I am submitting this written testimony to the DLNR Commission on Water Resource Management because of my concern over the 14,000-Gallon Fuel Leak at Red Hill Fuel Facility on Nov 20th because:

Additional Comments:

I am a former military spouse, DoD civilian, long term resident of the Waikiki ahupua'a, and water drinker. If anyone on the DNLN panel is affiliated with the military or worried about being called unpatriotic for speaking out about the Kapūkakī (Red Hill) water disaster, I urge you consider that the people in favor of leaving the fuel tanks to rot and contaminate the main water source on Oahu are the real traitors. It's impossible to please everyone but we CAN protect ALL life by moving the fuel to a safer location and shutting down Red Hill now! There is no alternative. No more stalling, lying, minimizing, and wasting money on redundant studies. It's simple, jet fuel and water don't mix for humans or the natural environment. Two of my children were born at Tripler Army Hospital in the 2000's and all 3 spent their first years of life on Hickam. It makes me wonder if we were also exposed to "trace" amounts of petroleum. I worked for the Navy but didn't know how dangerous the Red Hill fuel tanks were until recently. I take responsibility for that but it was also by design that the public did not know the full extent of the threat. When you know better you should do better. The US government has known for decades that these aging tanks containing hundreds of millions of gallons of fuel built barely 100 feet away from fresh drinking water have been leaking into the sacred aquifer. Yet the military is

still hiding evidence and minimizing the risk after many of their own people and pets have been sickened. Due to the healing and cleansing properties of volcanic aquifers, I was informed by the Board of Water supply that we were drinking some of the purest water in the world. Not anymore. Wells may have to be permanently closed and that is a best case scenario at this point. It could take generations and billions of dollars to clean up this toxic disaster. But the alternative is even more expensive and unthinkable. All of this was totally preventable. The Navy claims that the location of these fuel tanks is necessary for national security but this is not true. They have moved similar fuel supplies away from water sources in California and Washington. Poisoning your own people is the opposite of national security and is an act of genocide. I urge you to do the right thing, shut down and drain the Red Hill fuel tanks and hold the US military and stakeholders accountable to fixing their mistakes and preventing future harm.

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Written Testimony by:
Bevin Parker-Evans



To:
State of Hawaii
Department of Land and Natural Resources
Commission on Water Resource Management

Regarding: Submission of written testimony for Meeting January 7, 2022

Dear Water Commissioners:

I hereby submit my written testimony regarding the Red Hill Navy Storage tanks on Oahu for the meeting occurring on January 7th at 9 am. I am submitting my testimony via email well in advance of the 24-hour deadline.

As a resident of Hawaii and the island of Kaua'i, I feel that the Navy should be required to empty the 80-year-old storage tanks at Red Hill and dismantle and move all storage materials of fuel to a new area which will be governed and managed by Hawaii state DLNR law. The fact that because of National emergency rules or secret construction before, during and after WWII these current tanks are not managed by Hawaii law is the primary reason I am asking the state legislatures and water commission to recommend for new water laws which will protect all of the Hawaiian Islands and the sanctity of their water aquafer under-ground in the future.

The water aquafer is so important and critical to all residents, so much so, that we can not hesitate to force the US Navy to take immediate action for this current fuel leak crisis. Having lived in Hawaii for my entire life, I know personally of the unsustainability of metal substances of any kind buried in the dirt. It does not take a scientist to understand that after 80 years, these tanks are no longer functioning the way that they were intended. Certainly the Navy knows this, our scientists know this and even children know this with certainty. The fact that we have already (over discussions lasting more than 20 years that I can remember) identified the problem and proven now, without doubt, the disastrous results of tainting the local water supply and the aquafer under Red Hill is reason for immediate action. The Navy is a good partner for Hawaii, and I hope that the Federal government, the Department of Defense and others will act with urgency and empty and move the fuel storage site immediately.

I recommend that the fuel tanks at Red Hill be closed immediately, and that all storage tanks be drained immediately. I support the state of Hawaii government in using its state powers to do so without reservation or regret. Fresh water is important to all of us who live in Hawaii and all islands need to be protected with your immediate action and I condone penalties towards the Navy going forward.

Mahalo.

A handwritten signature in cursive script that reads "Bevin Parker-Evans".

Bevin Parker-Evans



From: [pomai.stone](#)
To: [Hyatt, RaeAnn P](#); [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Testimony to the Water Commission for Friday's Meeting
Date: Wednesday, January 5, 2022 9:37:23 PM

Aloha mai kākou e nā hoa ʻē,

My name is Johanna Kapōmaikaʻi Stone and I am submitting testimony to the Water Commission for their meeting on the Navy's groundwater use permits for their wells of jet fuel being stored in Kapūkākāi.

I am calling on the Water Commission to demand the Navy immediately DEFUEL and DECOMMISSION their fuel tanks at Kapūkākāi, this is the real name of, "Red Hill." This egregious belligerence is killing our dear, mother island, and making her UNINHABITABLE. This is unacceptable, for we are devoted to be able to LIVE in our BIRTH SANDS. This is such basic knowledge, we cannot drink jet fuel, we can only drink water.

I am also calling upon the Water Commission to:

- Demand monthly Commission meetings on Red Hill
- Demand that the Commission and DOH commit to keeping future Red Hill conversations public
- Urge the Commission to review all Navy permits and water usage at Red Hill for potential impacts to the Hālawā aquifer
- Urge the Commission to order the Navy to attend all public hearings regarding Red Hill

We must act now so that we can LIVE on our island.

--

na-u me ke aloha

na Johanna Kapōmaikaʻi Stone

..me he lau no ke Koʻolau ke aloha:.

From: davidsher@juno.com
To: [DLNR.CW.DLNRWWRM](#)
Cc: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Testimony for 1/7 CWRM meeting
Date: Wednesday, January 5, 2022 11:03:40 PM

Aloha Members of the Commission of Water Resource Management

I submit this written testimony with deep concern over the water contamination crisis that resulted from the fuel leak at the Red Hill Fuel Facility.

As a resident of Oahu and a water drinker, I urge the Commission to do everything in your power to see to it that any permits for underground fuel storage tanks are revoked immediately and the Navy be held responsible for the safe permanent removal of this fuel and for cleanup of the area under and around these tanks.

Bottomline: Red Hill Bulk Fuel Storage Facility must be drained as soon as possible and decommissioned.

Thank you for your consideration of my testimony.

Sherry Pollack

From: [Kahala Johnson](#)
To: [DLNR.CW.DLNRWORM](#)
Subject: [EXTERNAL] Red Hill Permits
Date: Thursday, January 6, 2022 8:27:33 AM

Aloha,

My name is Kahala I am a Kanaka Maoli and resident of Oahu attending UH Mānoa. I am writing to demand that the DLNR do the following to protect the rights of civilians to clean water:

1. The commission needs to meet at least monthly to address the threat the Navy and military poses to Oahu aquifer. Meetings should continue until the fuel tanks at Kapukaki (Red Hill) are decommissioned and removed.
2. Meetings need to be public, transparent, responsive, and accessible so that the community can report on the Navy and military should they continue to fail at accountability.
3. Review all the associated permits and water usage regarding the Navy and Kapukaki. Revoke those permits if the Navy and military refuse to be accountable so that the aquifer and community will be protected.
4. Urge the Navy and military to provide a detailed plan for how it will address civilians--including homeless and incarcerated populations--within the affected areas as part of the permitting process.

Mahalo

From: [Lehua Lee Sanoria](#)
To: [Hyatt, RaeAnn P](#); [DLNR.CW.DLNR.CWRM](#)
Subject: [EXTERNAL] Testimony for Agenda item B-1
Date: Thursday, January 6, 2022 8:44:20 AM
Attachments: [Commission on Water Resource Management Meeting.docx](#)

Commission on Water Resource Management Meeting

Testimony Agenda Item B-1

January 7, 2022

Aloha Kākou,

My name is Lehua Itokazu and I reside in Aiea, Hawai'i. I am writing you today in regards to the crisis happening at the Red Hill Bulk Fuel Storage. Today when the Navy comes to speak to you about ground water use permits for their wells, I hope you remember the on going damage that is happening at this very moment. The blatant lack of disregard for our precious resource wai/ water, our 'āina/land, our people, and their very own people.

These are a few points I am asking you all to consider:

<!--[if !supportLists]-->1. <!--[endif]-->That you demand monthly Commission meetings on Red Hill.

<!--[if !supportLists]-->2. <!--[endif]-->That the Commission and DOH commit to keeping the future Red Hill conservations public

<!--[if !supportLists]-->3. <!--[endif]-->Please urge the Commission to review all Navy permits and water usage at Red Hill for potential impacts to the Hālawā aquifer

<!--[if !supportLists]-->4. <!--[endif]-->Strongly urge the Commission to order the Navy to attend all public hearings regarding Red Hill

This will be one of the most crucial situations this year. It is imperative that we hold the Navy accountable. Do not reward bad behavior.

Mahalo nui for your time,

Lehua Itokazu

Aiea, HI.



**Hard copy is attached

From: [Jennifer Valentine](#)
To: [Hyatt, RaeAnn P](#); [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Navy's groundwater use permits for their wells.
Date: Thursday, January 6, 2022 10:38:56 AM

please have monthly Commission meetings on Red Hill
please commit to keeping future Red Hill conversations public
please review all Navy permits and water usage at Red Hill for potential impacts to the Hālawa aquifer
and lastly please order the Navy to attend all public hearings regarding Red Hill

thank you
jennifer valentine



From: [Waikiki - Hawaii Condo](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Meeting January 7, 2022 about Red Hill
Date: Thursday, January 6, 2022 10:46:57 AM

Aloha Commission on Water Resource Management,

***Woulda, coulda, shoulda
Coulda, shoulda, woulda
Shoulda, woulda, coulda***

There are a lot of ways to express excuses about the devastatingly poor decisions made over the decades regarding the Red Hill jet fuel tanks that are now Kupuna that should be Retired.

Right now, the best decisions for the health and safety of Oahu residents are:

- to have the US Navy attend ALL public hearings regarding Red Hill
- to commit, along with the DOH, to keeping ALL future Red Hill conversations public
- to hold monthly meetings about Red Hill, and
- to review ALL US Navy permits and water usage at Red Hill for potential impacts to the Halawa aquifer

Please don't regret any missed opportunities in decision-making to protect the Oahu's water sources.

Sincerely,
Kim Jorgensen
Waikiki

From: [Boisvert-Jorgensen](#)
To: [Hyatt, RaeAnn P](#)
Subject: [EXTERNAL] Meeting regarding Red Hill January 7, 2022
Date: Thursday, January 6, 2022 11:52:07 AM

Dear Commission on Water Resource Management,

Human error caused the Exxon Valdez disaster - 11 million gallons of oil to contaminate 1,300 miles of coastline in Prince William Sound.

Human error and a colossal mechanical error caused the Deepwater Horizon disaster - 210 million gallons of oil to be discharged into the Gulf of Mexico.

Greed and callousness enticed the leaders of Flint, MI to not properly treat a new source of city water (Flint River) and, after complaints about it immediately emerged, to decide not to reconnect to the original source (Detroit water), thus causing severe health problems for tens of thousands of residents and a years-long state of emergency.

Please correct and make up for the known and yet-to-be known human errors in Red Hill's history by:

- reviewing all Navy permits and water usage at Red Hill for potential impacts to the Halawa aquifer
- making all Commission and Dept of Health conversations public
- holding monthly Commission meetings about Red Hill
- insisting that the Navy attend all public hearings regarding Red Hill

It will be greed and callousness of the Navy to not:

- agree to all the above conditions
- finally, decisively, and urgently empty the tanks forever

Sincerely,
Denise Boisvert
Waikiki

From: [Susan Snyder](#)
To: [DLNR.CW.DLNRWORM](#)
Subject: [EXTERNAL] Red Hill
Date: Thursday, January 6, 2022 2:32:11 PM

Dear Water Commision,

Please have Red Hill fuel tanks shut down immediately and permanently.

Susan Snyder

[REDACTED]
Kailua, Hawaii 96734

[REDACTED]
Sent from my iPhone

From: [Lindsey Wilson](#)
To: [Hyatt, RaeAnn P;](#) [DLNR.CW.DLNRCWRM](#)
Subject: [EXTERNAL] Written testimony for Red Hill water commission meeting
Date: Thursday, January 6, 2022 3:24:09 PM

Hello,

I would like to submit written testimony for the January 7th meeting if it's not too late. Testimony is as follows:

My name is Lindsey Wilson. My husband is active duty Army, we have a 2yr old son and we have lived on the Aliamanu Military Reservation for 1 year.

As someone who is connected to the military, I am enraged at the Navy's response. It took them days to begrudgingly tell their very own people not to drink the water. They told us everything was fine; to look the other way as those in my community were desperately raising alarm bells that something was very wrong. We as residents knew exactly what happened. Jet fuel leaked into our water. The Navy said everything was fine, and they didn't find anything wrong with our water. We all know they were wrong. Dangerously wrong.

To this day the Navy continues to down play, make excuses and gaslight us to save face. They claim "national security" as their golden idol to excuse their behavior and to continue on as business as usual. This is only a slap in to the military community affected who understand national security in a way that many take for granted.

I am here to provide my voice and say to the Navy: enough is enough. Water IS more important than jet fuel. Water IS a national security issue. Water IS life, and this IS a crisis in every meaning of the word.

I call on the Navy to be transparent with their water test results to those represented in this meeting and to the residents affected.

I call on the Navy to show up to all meetings when requested to by those represented here today AND to hold an in person town hall with those affected to answer questions they have refused to answer.

I call on the Navy to shut down Red Hill. At this point it is the ONLY answer.

From the bottom of my heart I want to thank those here today who have been our advocates. Please continued to fight for what is right for all Hawaii, and for its military community.

Sincerely
Lindsey Wilson

January 7, 2022
State Water Resource Management Commission
Dr Kamanamaikalani Beamer
Testimony on Item B1

Aloha mai kakou, Esteemed Commissioners, Chair Case, Diligent CWRM staff, concerned citizens, and our activated community of water protectors

My name is Dr Kamanamaikalani Beamer. I am professor at the University of Hawaii at Mānoa, and the Dana Naone Hall **Endowed Chair in Hawaiian Studies, Literature, and the Environment**. I am also a member of the **Ka‘ohewai Coalition and the Oahu Water Protectors**. Additionally, as many of you know, in June of 2021 I completed my final commission meeting after serving in my best capacity for eight years as a commissioner on the **Hawaii State Water Resource Management Commission**.

The Motto of our venerated Hawaii State Commission on Water Resource Management is “Ke Kahuwai Pono” The word **Kahu** can be translated as a caretaker or guardian, many of us know the translation of **wai** as water, which in a Hawaiian perspective is our most precious and valued resource, which provides the means for life. A **Kahuwai** then can be translated as a caretaker, guardian, or trustee of water resources. The word **Pono** can be translated as proper, balanced, righteous—so **Kahuwai Pono** conveys an important meaning to be pono trustees over Hawai‘i’s water resources, A **Kahu** you hold a fiduciary duty toward balancing today’s water usages with the protection and maintenance of water as a public trust resource for future generations.

In my humble opinion, there is simply no other body in all of Hawai‘i, that can claim a more important kuleana or duty, when the literal life force of our islands, our wai, the present and future of our water is the public trust you kahu, you guard and protect for future generations—That is extraordinary. Along with this precious duty, the Hawaii State Water Code provides you with broad authority to carry out this kuleana. And the composition of this commission was well thought out to protect Hawai‘i’s water resources.

Because of the complexity of water issues of quality and quantity, both the heads of the Department of Land and Natural Resources and the Department of Health were seated together on this commission to ensure the protection of Hawai'i public trust resources. And to have a body that could hold public hearings and take valuable community input and indigenous knowledge into its decision-making processes.

So, I am here today to plead to your esteemed body to take urgent action and offer critical attention to the issues at Red Hill. A "ticking timebomb," was what hearings officer David Day called the corrosive, single lined, 80-year-old, storage facility that can hold a capacity of 250 million gallons of fuel sitting 100 feet above the Halawa aquifer... I am certain, there has never been a more direct assault on a public trust resource in the history of this commission than what Navy has done at Kapūkaki or Red Hill. The poisoning of an aquifer and the sickening of a community is a vile act and is a direct result of the Navy's negligence at the Red Hill fuel storage facility. Families, keiki drank water that was later tested to be at least 350x safe drinking levels and our own Oahu Board of Water has stated that the Halawa aquifer may be tainted for years or perhaps longer. Therefore, I urge you to take swift action to protect O'ahu's water and I ask you use your authority to recommend not only the defueling but the permanent decommissioning of these tanks. The Navy has not shown itself to be transparent or truthful with this commission in the past. This has lead us to be the midst of what was an entirely avoidable crisis, one which I mentioned was the single most difficult issue for me to leave unresolved when I completed my final term as a commissioner this past June.

This commission has been involved in this issue since 2014 and I believe we can no longer pass the buck to another entity or regulator to address. Not the AOC, not Hawaii's congressional delegation, not the Biden administration. Rather this commission is the primary guardian of public rights for Hawai'i's water resources, it is the Kahuwai Pono and has a fiduciary duty to our wai. In 2014, even after a leak of at least 27,000 gals, the commission would have been well within our authority to have used the precautionary principle to call for a shutdown of the tanks. Later in 2015 and 2016 this commission spoke against the AOC, we said the Navy needed to move with more urgency to address the tanks posed to our aquifer, we spoke against the requirement of

participants to sign Non-disclosure agreements, and we even called upon the Obama Administration, the Federal Delegation, and all of our state government leadership, the EPA. We even sent the letter that is included in Exhibit 1 to the local media which did not publish our concerns. But we were assured by the Navy in open hearings of this commission that nothing like what we are experiencing today would ever happen. That the tanks were safe and their operators highly trained. We were promised transparency and even in the extreme unlikelihood that a leak occurred, the Navy had systems and protocols to keep drinking water safe, to immediately detect leaks and mitigate environmental impacts. But today we understand, none of these things have proven true. After 8 years and 6 years of the AOC. Just in the last few months, much of the information our community has gotten came from whistleblowers and investigative reporting, once people were made sick from drinking fuel-infused water, instead of systematic mitigation of human and ecological impacts we saw flushing of tainted water into storm drains. And now we understand even after 6 years of the AOC the Navy never even established a lab in Hawaii with the capacity to test tainted water, as a result water samples are having to be sent to the continent delaying our ability to get vital information by weeks. The Navy had so little regard for our public health that they did not even bother to inform the Board of Water Supply when they shut off the Red Hill Shaft which could have moved tainted water toward BOW as long as they were pumping from nearby wells.

But we still have hope. You are the Kahuwai Pono and can provide a public forum to address this issue until Oahu's water resources are no longer under threat. This commission will have to deal with the ramifications of the current shutdown of pumping in the Halawa aquifer and its impacts on supply and current allowable pumping and sustainable yield implications across O'ahu-- and this crisis could get exponentially worse and have profound economic and ecological impacts, in truth our wai is under threat as long as the tanks remain at Red Hill. The water quality vs quantity conversation and delegation of roles doesn't really make sense for this issue, it's another example of engineering silos for wai. How can we possibly protect public trust resources for future generations and not concern yourself with the quality of that water? The code and commission was designed to allow you to address issues of both.

I ask the commission to investigate and hold monthly meetings on the Red Hill issue of water quality and quantity and to require the Navy to attend. I request the head of the state Department of Health to attend all commission meetings pertaining to Red Hill. The commission might want to look at all existing water use permits the Navy has and consider pulling permits from the Navy until they drain and decommission the tanks. It is not a reasonable and beneficial use of water, when the Navy is flushing millions of gallons of water trying to clean pipes, while pulling water from an aquifer that they are leaking jet fuel into. I have recently been made aware of the Navy's plan to filter and dump release water into the Halawa stream and they are in the process of setting up the system to begin as soon as this Sunday. (I would like to share the graphic with the commission) It is not ecologically safe to dump treated water into the Halawa stream. Their negligence has harmed a public trust resource and you must hold them accountable. It took a letter from the commission directing them just to return to reporting compliance after they neglected to submit well reports from June-Dec 21. This is an example of their lack of regard and transparency for the Commission. Please take urgent and bold action to protect our wai immediately. I ask the commission to creatively use all your authority to keep O'ahu's drinking water safe and call for the defueling and decommissioning of the tanks at Red Hill.

Mahalo for your service as Kahuwai Pono please have the courage to bring Pono to our wai on Oahu and in the Halawa aquifer in spite of the numerous political and bureaucratic challenges this issue presents. The resource, the community, and future generations are counting on you.

I have listed a number of concerns and I am happy to go into greater detail on any one of them if the commission has any questions.

Aloha 'Āina,

Dr. Kamanamaikalani Beamer