

STATE OF HAWAII  
DEPARTMENT OF HEALTH  
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doh.testimony@doh.hawaii.gov

**Testimony COMMENTING on SB2172  
RELATING TO UNDERGROUND FUEL STORAGE TANKS**

SENATOR JARRETT KEOHOKALOLE, CHAIR  
SENATE COMMITTEE ON HEALTH  
SENATOR MIKE GABBARD, CHAIR  
SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT

Hearing Date: 1/26/2022

Room Number: Videoconference

1 **Fiscal Implications:** The fiscal implications of this measure are unknown at this time.

2 **Department Testimony:** The department appreciates and supports the intent of this measure, to  
3 protect the precious freshwater resources of our pae ‘āina. We offer amendments below that we  
4 believe realize this intent more effectively without the unintended consequences the current  
5 measure would generate.

6 Each island is made up entirely of aquifers, which are layers of water-bearing permeable  
7 rock or other material such as sand or silt—“aquifer” essentially refers to the groundwater held  
8 within the land. The bill as currently written would essentially ban all underground storage tanks  
9 (USTs) with a capacity over 100 gallons in 2050, which would mean shutting down every gas  
10 station in the state and would also affect fuel storage for emergency generators at hospitals and  
11 other critical locations, which would likely pose major economic and social challenges.

12 The individual tanks in a typical UST system range in size from 10,000 to 50,000 gallons  
13 with a total system capacity no greater than 100,000 gallons. Focusing a ban on large capacity  
14 UST systems (with a total fuel storage capacity over 100,000 gallons) would provide a large  
15 measure of protection to human health and the environment while continuing to allow the use of  
16 smaller USTs by emergency generators and service stations.

1 In addition, the department believes that large capacity tank systems pose much less risk  
2 to our drinking water resources if located below the underground injection control (UIC) line  
3 defined by the Safe Drinking Water Branch and there are a small number of such systems in  
4 existence. Our offered amendments would allow the continued existence of large capacity  
5 systems only below the UIC line. We suggest aligning the date for a siting restriction on large  
6 capacity tank systems above the UIC line with the existing siting restriction on USTs within 100  
7 yards of the shoreline, which becomes effective on January 1, 2045 (§342L-4.5, HRS).

8 **Offered Amendments:** The Department recommends replacing sections 2 to 4 with the  
9 following:

10 SECTION 2. Section 342L-1, Hawaii Revised Statutes, is amended by adding new  
11 definitions, in alphabetical order, to read as follows:

12 “Mauka” means toward the mountains or the encircled underground source of drinking  
13 water.”

14 “UIC line” means the Underground Injection Control line represented by a dashed line  
15 on the “State of Hawaii Department of Health Underground Injection Control Program” maps,  
16 made effective July 6, 1984, and identified as follows:

- 17 (1) For the island of Hawaii, quadrangles H-1 to H-74;  
18 (2) For the island of Kauai, quadrangles K-1 to K-11;  
19 (3) For the island of Lanai, quadrangles L-North and L-South;  
20 (4) For the island of Maui, quadrangles M-1 to M-17;  
21 (5) For the island of Molokai, quadrangles M-East and M-West; and  
22 (6) For the island of Oahu, quadrangles O-1 to O-15.”

23 SECTION 3. Chapter 342L, Hawaii Revised Statutes, is amended by adding a new  
24 section to part I to be appropriately designated and to read as follows:

25 “§342L- Permits for large capacity UST systems above UIC line prohibited. (a)  
26 Beginning July 1, 2022, the department shall not issue a permit for a new underground storage  
27 tank with a capacity greater than 50,000 gallons nor a new underground storage tank system with  
28 a total tank capacity greater than 100,000 gallons located mauka of the UIC line; provided that a

1 permit may be issued by the department for purposes of repairing or replacing an existing  
2 underground storage tank.

3 (b) Beginning January 1, 2045, no person shall operate an underground storage tank with  
4 a capacity greater than 50,000 gallons nor an underground storage tank system with a total tank  
5 capacity greater than 100,000 gallons located mauka of the UIC line, and no permit shall be  
6 renewed for an underground storage tank with a capacity greater than 50,000 gallons nor an  
7 underground storage tank system with a total tank capacity greater than 100,000 gallons located  
8 mauka of the UIC line.”

9 SECTION 4. New statutory material is underscored.

10 SECTION 5. This Act shall take effect upon its approval.

11

12 Thank you for the opportunity to testify on this measure.

# BOARD OF WATER SUPPLY

CITY AND COUNTY OF HONOLULU  
630 SOUTH BERETANIA STREET  
HONOLULU, HI 96843  
www.boardofwatersupply.com



January 26, 2022

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The Honorable Jarrett Keohokalole, Chair  
and Members  
Committee on Health  
Hawaii State Capitol, Room 205  
Honolulu, Hawaii 96813

The Honorable Mike Gabbard, Chair  
and Members  
Committee on Agriculture and Environment  
Hawaii State Capitol, Room 201  
Honolulu, Hawaii 96813

Dear Chair Keohokalole, Chair Gabbard and Members:

Subject: Senate Bill 2172: Relating to Underground Fuel Storage Tanks

The Honolulu Board of Water Supply (BWS) supports Senate Bill (SB) 2172 and offers amendments to avoid a similar fuel contamination crisis that occurred last year. This bill and the recommended changes ensure the protection of our environment and underground sources of drinking water from the adverse impacts of leaking underground petroleum fuel tank systems.

The BWS respectfully recommends the following amendments:

1. References to “within one-half mile of the outer edge of an aquifer” to “above an aquifer”. Keeping this requirement may create unintended consequences that may limit viable sites for above-ground storage tanks.
2. Section 2 (a) would allow the Department of Health (DOH) to issue a permit for the purposes of repairing or replacing an existing underground fuel storage tank. Amend language on page 2, line 19-21, to read “provided that a permit may be issued by the department for the purposes of repairing or replacing ~~removing~~ an existing underground fuel storage tank.”
3. Section 2 (c) “underground fuel storage tank” means any fuel tank with a capacity of ~~one hundred or more gallons~~ 100,000 gallons installed underground.
4. Section 2 (b) Beginning January 1, ~~2050~~ 2024, no person shall . . .



The Honorable Jarrett Keohokalole, Chair  
The Honorable Mike Gabbard, Chair  
and Members  
January 26, 2022  
Page 2

The underground storage tanks at the Red Hill Bulk Fuel Storage Facility (Red Hill) are approaching the end-of-life and need to be relocated to areas that would not threaten a drinking water aquifer. The DOH Hearings Officer at the evidentiary hearing held in December 2021 stated, "the Red Hill Facility, as currently configured and operated, poses an imminent threat to human health and safety or the environment." Red Hill facility wants to store large volumes of fuel just 100 feet above our aquifer. Red Hill is the state's largest field-constructed UST facility that should be regulated to a level proportional to the extremely large volume of fuel that it stores. The groundwater aquifer underneath the facility is called the Southern Oahu Basal Aquifer and is designated by the United States Environmental Protection Agency (EPA) as a sole source aquifer and principal source of drinking water for Wahiawa, Ewa and portions of Honolulu that if contaminated would create a significant hazard to public health.

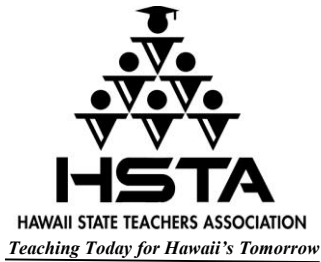
The need to preserve and protect groundwater quality and quantity now and into the future outweighs the continued operation of large field-constructed USTs without secondary containment.

Thank you for the opportunity to provide testimony on SB 2172.

Very truly yours,



ERNEST Y. W. LAU, P.E.  
Manager and Chief Engineer



1200 Ala Kapuna Street ♦ Honolulu, Hawaii 96819  
Tel: (808) 833-2711 ♦ Fax: (808) 839-7106 ♦ Web: www.hsta.org

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TESTIMONY BEFORE THE SENATE COMMITTEE ON HEALTH  
and  
THE COMMITTEE ON AGRICULTURE AND ENVIRONMENT

RE: SB 2172 - RELATING TO UNDERGROUND FUEL STORAGE TANKS

WEDNESDAY, JANUARY 26, 2022

OSA TUI, JR., PRESIDENT  
HAWAII STATE TEACHERS ASSOCIATION

Chair Keohokalole, Chair Gabbard, and Members of the Committees:

The Hawaii State Teachers Association **strongly supports SB 2172**, relating to underground fuel storage tanks. This bill will prohibit the issuance of future underground fuel storage tanks within one-half mile of an aquifer beginning July 1, 2022. It will also prohibit the operation of and renewal of underground fuel storage tank permits located within one-half mile from an aquifer beginning January 1, 2050 [HSTA hope this date changes]. Defines underground fuel storage tanks as any fuel tank with a capacity of one hundred gallons or more.

Delegates to the Hawaii State Teachers Association's annual state convention back in 2008 adopted the following policy statement: The Hawaii State Teachers Association believes that every school's drinking water should meet Environmental Protection Agency requirements for clean drinking water. HSTA further believes that school water should be tested every six months and irregularities should be reported immediately. **More recently, the HSTA Board of Directors unanimously called for the closure and emptying of the Red Hill Bulk Fuel Storage Facility.**

Despite the community coming out in force to support these schools with water donations and school personnel working together to mitigate the impact on students, it has not been easy dealing with this crisis on top of the issues related to the ongoing COVID-19 pandemic. Below is what one Central district teacher earlier this month had to say about everything going on:

"We are more impacted by the tainted water. I am only able to have students wash their hands twice a day with the bulk water they gave us with a pump. I am spending a lot of time outside pumping the water out of the bulk bottle, or using the individual water bottles to wash their hands. I don't feel comfortable using the spray hand sanitizer we were given to clean their hands. (It doesn't take off food particles, or other dirt and grime from their hands.) They did give



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some wipes for their hands, but those will be gone soon. I was washing their hands often, but not anymore. The custodians do not clean our desks. So I use the sanitizing wipes to wipe them down daily. Lots of prep time spent to clean the room. We are still not able to use the AC. We are required to keep windows open. Lots of dirt comes in all day. I also get some stray preschoolers come in the back door. The noise is ridiculous. (Airplanes, lawn mowers, other students at recess.) I don't understand how they think we are supposed to get these students up to grade level with all the distractions.”

HSTA held a virtual forum on Monday, January 24<sup>th</sup>, and we hope legislators and other members of the community were able to tune in and listen to speakers from the Board of Water Supply and the Sierra Club of Hawaii followed by educators at impacted schools who told their stories of the impacts that they and their students are experiencing. You can find more information at the link below: <https://www.hsta.org/news/recent-stories/hsta-board-of-directors-unanimously-supports-closure-of-red-hill-fuel-storage-facility/>

To provide safe water not only our keiki, teachers, public schools, but also to everyone who lives in Hawai‘i, the Hawaii State Teachers Association asks your committee to **support this bill. Water is life.**

January 25, 2022

RE: In support with Amendments SB2172

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

My name is Rebekah Garrison and I am a water drinker who calls O‘ahu home. I am also a member of O‘ahu Water Protectors and a community organizer for Hawai‘i Peace and Justice. Thank you for prioritizing the protection of the island’s most precious resource—clean, unpolluted drinking water.

Hawai‘i Peace and Justice strongly supports with amendments SB2172, which seeks to protect O‘ahu’s sole-source aquifer from fuel contamination. Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line. Please Pass SB2172 with the above amendments

Oli i ka wai. Water is life. We all have a responsibility to the present and future generations to protect the island’s source of life—water. To emphasize once again, Hawai‘i Peace and Justice strongly supports the immediate draining of the tanks at Kapūkaki, also widely known as Red Hill, and the permanent decommissioning of the entire Red Hill Bulk Fuel Storage Facility.

History has proven that the navy cannot protect the water from the leaking fuel in its antiquated fuel storage system. This crisis is real and we know it. This crisis has not been resolved and we know it. The military’s negligence to adequately maintain it’s decaying fuel farm of 20 corroding fuel tanks holding 200 million gallons of fuel a mere 100 feet above O‘ahu’s sole-source aquifer is a burden that none of us asked for, much less Kapūkaki. Drain the tanks, shut down the facility, and prioritize the lives of all who call O‘ahu home.

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

Sincerely,  
Rebekah Garrison  
Hawai‘i Peace and Justice



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Community Health  
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COVID-19 Response

Hawai'i Drug & Alcohol Free  
Coalitions

Hawai'i Farm to School Hui

Hawai'i Oral Health Coalition

Hawai'i Public Health Training Hui

Healthy Eating + Active Living

Kūpuna Food Security Coalition

Date: January 25, 2022

To: Senator Jarrett Keohokalole, Chair  
Senator Rosalyn H. Baker, Vice Chair  
Members of the Committee on Health

Senator Mike Gabbard, Chair  
Senator Clarence K. Nishihara, Vice Chair  
Members of the Committee on Agriculture and Environment

Re: Support with amendments for SB 2172, Relating to Underground  
Fuel Storage Tanks

Hrg: January 26 at 1:10 PM, via Videoconference

Aloha Chair Keohokalole, Chair Gabbard, and committee members,

The Hawai'i Public Health Institute<sup>i</sup> is in **support of SB 2172 and offers an amendment**. SB 2172 would protect public health and O'ahu's clean drinking water supply by prohibiting the operation of existing underground storage tanks by a date to be determined as well as the future construction of underground storage tanks within half a mile of an aquifer.

HIPHI is alarmed by the recent events surrounding Red Hill and the confirmation of petroleum in our water supply. Fresh, clean drinking water is a precious resource, with access to clean drinking water being a basic human right that is "essential for the enjoyment of life and all human rights."<sup>ii</sup>

For years, advocates and organizations like the Sierra Club have warned about the need to protect our drinking water, as the Red Hill Fuel Tank facility sits only 100 feet above the aquifer that supplies water to over 400,000 people, from Hālawā to Hawai'i Kai. The Red Hill facility has a long history of leaking fuel into the surrounding environment and has already contaminated O'ahu's primary drinking water aquifer. Ending operations of the Red Hill facility immediately and preventing future underground storage tanks from being constructed near aquifers is the only way to guarantee the safety of our water and our people.

**HIPHI respectfully requests the committees to amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

This public health crisis was preventable, and we urge the Navy and the State to take swift action to protect our water supply. Clean water is essential for life, and access to clean, safe drinking water is a basic human right.

Mahalo,



Amanda Fernandes, JD  
Policy and Advocacy Director

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<sup>i</sup> Hawai'i Public Health Institute is a hub for building healthy communities, providing issue-based advocacy, education, and technical assistance through partnerships with government, academia, foundations, business, and community-based organizations.

<sup>ii</sup> Resolution A/RES/64/292. United Nations General Assembly, July 2010.



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Testimony of Eric Wright,  
President of the Hawaii Petroleum Marketers Association (HPMA)

## **CONCERNS ON SB 2172 RELATING TO UNDERGROUND STORAGE TANKS AND AQUIFERS**

Senate Committees on  
Health and Agriculture & Environment

The Honorable Jarrett Keohokalole, Chair  
The Honorable Rosalyn H. Baker, Vice Chair

The Honorable Mike Gabbard, Chair  
The Honorable Clarence K. Nishihara, Vice Chair

Wednesday, January 26, 2022 at 1:10 p.m.  
Hawaii State Capitol

Aloha Committee Chairs and Vice Chairs:

I am Eric Wright, president of the Hawaii Petroleum Marketers Association (HPMA). HPMA is a nonprofit trade association comprised of members who market motor fuel products across Hawaii. Our membership includes individuals and companies that operate as independent marketers, jobbers or distributors who buy motor fuel products at the wholesale level and sell or distribute products to retail customers, other wholesalers, and bulk consumers.

Senate Bill 2172 would prohibit the Hawaii Department of Health from issuing permits to install new underground storage tanks of 100 gallons or more within a half-mile from an aquifer by July 1, 2022, and prohibit renewal of permits of underground storage tanks that meet the same criteria by July 1, 2050.

**HPMA has concerns that Senate Bill 2172 will have unintended consequences on member retail stations and convenience stores as well as the public.**

While HPMA members realize there is currently heightened concern about the impact of underground storage tanks, underground storage tanks used at retail stations and convenience stores are safe and have protection for our environment.

First, the U.S. Environmental Protection Agency (EPA) requires all underground storage tanks at retail stations and convenience stores have a double wall to serve as secondary containment. This is a built-in environmental protective device that includes an alarm in the event the primary wall fails. A typical retail station and convenience store underground storage tank in Hawaii contains about 10,000 to 20,000 gallons of fuel. (By contrast, each of the Red Hill fuel storage tanks holds 2.5 million gallons.) As currently drafted, the bill may



impose unnecessary prohibitions which will adversely impact many of Hawaii's retail stations and convenience stores.

All underground storage tanks used at retail stations and convenience stores are already subject to existing state laws. Under Hawaii Administrative Rules (HAR) 11-280.1, the Hawaii Department of Health stipulates the requirements for the design, construction, installation, operation, release detection and response, closure, financial responsibility, operator training and permitting of underground storage tanks. The latest version of these rules was revised and issued effective July 8, 2021 and is as stringent as Title 40 Code of Federal Regulations (CFR) Part 280. This oversight adds another dimension of assurance and safety for the public and the environment.

Second, according to the Commission on Water Resource Management of the Hawaii Department of Land and Natural Resources, aquifers are located under all of the islands; however, it will be difficult for retail stations and convenience stores to ascertain the distance their underground storage tanks are located from these aquifers. Detailed information on aquifers will be necessary to know which underground storage tanks, if any, would be affected by this measure.

Finally, as the state shifts away from petroleum products and adopts clean energy products by 2045 to meet the objectives of the Hawaii Clean Energy Initiative, this measure would inadvertently and adversely impact our state's decarbonization efforts. For instance, underground storage tanks containing clean or biofuels would also be prohibited under this measure. Alternatively, HEMA members would have to consider relocating their underground storage tanks to above ground, which could potentially result in devastating public safety issues as a result of vandalism or terrorism.

Thank you for allowing HPMA the opportunity to submit written testimony and offer our concerns.



**SB-2172**

Submitted on: 1/22/2022 3:35:40 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Bronson Azama	Testifying for Honolulu Youth Commission	Support	Yes

Comments:

'Ano'ai Kā• kou,

My name is Bronson Azama I am the current Chair of the Honolulu Youth Commission, I would like to remind our Senators which sit upon these committees that our Commission has a vested interest to advocate for a better future for the youth of O'ahu, and as you all know we have passed a resolution HYC 21-003 which was provided to all members of the Hawai'i State Legislature on November 29, 2021. This resolution places ourselves in a position to support the decommissioning of the Red Hill Bulk Fuel Storage, which we believe this Bill can accomplish.

I would like to note my personal observations and concerns for lines 19-21 on page 2, specifically the section which states, "provided that a permit may be issued by the department for purposes of repairing or replacing an existing underground fuel storage tank." I would like to see this section removed as it could create a loophole around the intended action of this measure. Facilities such as the Red Hill Bulk Fuel Storage Facilities or similar need to be decommissioned, we cannot have repeats from Red Hill nor any other facility that threatens our water. Whether they were built prior to this law should not be relevant, the time provided in section (b) should be more than adequate to conduct a phased process to shut down facilities.

In the mana'o'i'o, the truth, of our kā•puna, we are taught that water is not a resource, but the SOURCE of life. The cost to remove these facilities and decommission them will be great, but the equation is not hard. For facilities such as the Red Hill Bulk Fuel Storage Facility, the argument is the need for fuel to protect life, but to simply argue this point:

Water = Life, No water, no life

Fuel needed to protect said life

No life, no need for fuel.

This is not a hard equation. We need immediate action and not prolonged processes, all of us must move from this accounting mindset to one of accountability. Right now we are accountable to the future of our children's, children's, children, for all the generations to come. I implore you to understand that our decisions do not just impact now, but all of time. So please remove the language I requested above in lines 19-21 on page 2, and let us pass something that protects and recognize water not as a resource but THE SOURCE!

Mahalo for taking the time to read my testimony.

Mahalo a nui,

Bronson Azama



The Environmental Justice Task Force of Faith Action for Community Equity weds our faith and values with environmental issues. Faith Action is an organization made up of 24 member organizations whose faith traditions respect Creation Care.

For example, United Methodist Social Principle ¶160, "All creation is the Lord's, and we are responsible for the ways in which we use and abuse it. **Water**, air, soil, minerals, energy resources, plants, animal life, and space are to be valued and conserved because they are God's creation and not solely because they are useful to human beings."

Pope Francis on the World Day of Prayer for Creation Care, September 1 2018, made strong statements regarding water: "Describing it as a precious element, the Pope underlines that "access to safe **drinkable water** is a basic and universal human right, since it is essential to human survival and, as such, is a condition for the exercise of other human rights." Noting the fundamental role of water in creation and human development, the Pontiff stresses that it is precisely for this reason that "care for **water sources and water basins** is an urgent imperative."

Lutherans Restoring Creation has an Issue Based Advocacy Team on **Water**. These are but a few of our faith member organizations faith based doctrines on the protection of the environment and more specifically our water.

We appreciate your respect, recognition and mention in Bill SB2172 of the Native Hawaiian deep reverence for life giving water, or wai. The Hawaiian word for law being "kanawai," literally translated into "equal sharing of water" confers a profound significance to the issue of Red Hill.

The Environmental Justice Task Force **SUPPORTS WITH AMENDMENTS SB2172**, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line. Please **PASS SB2172** with the above amendments.



# Environmental Caucus of The Democratic Party of Hawai'i

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Monday, January 24, 2022

To: Senate Committee on Health  
Hon. Jarrett Keohokalole, Chair  
Hon. Rosalyn Baker, Vice Chair

Senate Committee on Agriculture and the Environment  
Hon. Mike Gabbard, Chair  
Hon. Clarence Nishihara, Vice Chair

Re: SB 2172 on Underground Fuel Storage Tanks  
Hearing: Wednesday, January 26, 2022, 1:10 p.m., Via videoconference  
Position: Strong support with amendments

Aloha, Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and Members of the Committee on Health and the Committee on Agriculture and Environment:

The Environmental Caucus of the Democratic Party of Hawai'i stands in support of SB 2172 with amendments. This measure would prohibit issuance of future underground fuel storage tanks within one-half mile of an aquifer beginning July 1, 2022. It would also prohibit the operation of and renewal of underground fuel storage tank permits for tanks located within one-half mile from an aquifer beginning January 1, 2050. This measure also defines underground fuel storage tanks as any fuel tank with a capacity of one hundred gallons or more.

In 2018, nearly four years ago, the O'ahu County Democrats, out of dire concern over the risk to the Moanalua-Waimalu Aquifer, our major drinking water source for Moanalua to Hawai'i Kai, affecting hundreds of thousands of residents, businesses and visitors of the Honolulu District, adopted a resolution, OC 2018-11, urging the Navy to retrofit its tanks or move them away from the aquifer. The Navy has taken no such action, and the situation has now become, in the words of your former colleague, U.S. Rep. Kai Kahele, "a crisis of astronomical proportions."

What might have been adequate measures four years ago are no longer enough. As the Hearings Officer in the Docket 19-UST-EA-02 Emergency Proceedings between the Navy and the Hawai'i Department of Health concluded last month, the Navy is not capable of competently managing and operating this vast mega-facility. That's why the Navy claims "human error" every time there's a spill. Because Navy staff, who rotate into Hawai'i and then out again in two or three years, and who have inadequate plans and data to work from, there is a pattern of repeated errors that result in spills that can't be avoided under the Navy's way of doing things.

But the Hearings Officer's decision, affirmed by the State Department of Health, requires gives the Navy to defuel the tanks for "corrective action," but eventually will result in refilling the tanks for an indefinite period. These administrative proceedings will result in no real eventual progress after a brief period of hoped-for "corrective action."

For these reasons, the Environmental Caucus of the Democratic Party of Hawai'i has concluded that we must demand permanent defueling and closure of the facility. Accordingly, the Environmental Caucus supports SB 2172 with the following amendments:

- (1) At page 2, line 18, increase the distance of the placement of a new underground fuel storage tank from one-half mile to one mile of the outer edge of the aquifer;
- (2) At page 2, lines 19-21, delete the language, "provided that a permit may be issued by the department for purposes of repairing or replacing an existing underground fuel storage tank." Unless this provision is amended, it would allow the Red Hill Underground Fuel Storage Tanks to be refueled after corrective action has been completed. As noted, the Environmental Caucus seeks decommissioning of the Facility; therefore, allowing for a permit to be issued would be inconsistent with the objective of decommissioning the Facility.
- (3) At page 3, lines 1-2, 4, advance the date of January 1, 2050 to July 1, 2022, and modify the operation and permitting process to require the distance from the outer edge of an aquifer from one-half mile to one mile of the outer edge of an aquifer.
- (4) Add an additional section to HRS Chapter 342L stating as follows: "It is the policy of the State of Hawaii to seek by all lawful means the immediate defueling of the Red Hill Underground Bulk Fuel Storage Facility, permanent decommissioning of the facility, and an environmentally safe and permanent closure of the facility as soon as reasonably possible."
- (5) Add a severability provision to the bill.

The passage of this measure with amendments would provide the people of the State of Hawai'i, particularly those residing, working, and visiting the county of Honolulu, a reduced sense of fear of further risk of petroleum contamination in its major drinking water aquifer for generations to come.

Mahalo for the opportunity to testify,

*Melodie Adyja*  
*Alan Burdick*  
Co-Chairs,  
Environmental Caucus of the  
Democratic Party of Hawai'i

Email: [legislativepriorities@gmail.com](mailto:legislativepriorities@gmail.com)



# SIERRA CLUB OF HAWAI'I

Senate Committee on Health  
Senate Committee on Agriculture and Environment

January 26, 2022

1:10 PM

Via Videoconference

**In SUPPORT of SB2172:** Relating to Underground Fuel Storage Tanks

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Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

The Sierra Club of Hawai'i **supports** SB2172, and offers friendly **amendments** to ensure that this measure fulfills its purpose of protecting our islands' most precious resource from potentially catastrophic contamination.

As this measure recognizes, the concept of "ola i ka wai" – that water is life – has been understood by the people of Hawai'i since time immemorial. Unfortunately, this concept has not been fully appreciated in historical decisions that have allowed for the installation of large underground storage tank facilities in close proximity to the groundwater aquifers that our environment and people have always depended upon – leading to the contamination of our islands' precious wai. Accordingly, the Sierra Club appreciates and supports this bill as a means to ensure that future state decisionmaking does not repeat the mistakes of the past in allowing for the installation and operation of underground fuel storage tanks and facilities where they may contaminate our water sources.

**To better ensure that this measure can fully protect our islands' most precious resource from facilities like the Red Hill Bulk Fuel Storage Facility, the Sierra Club respectfully urges the following amendments:**

1. In an abundance of caution, to prevent this measure from being preempted by federal laws prohibiting state legislation targeting specific federal facilities, removing the reference to the Red Hill Bulk Fuel Storage Facility in the preamble,
2. To prevent unintended impacts on underground fuel tank operators using modern, double-walled and factory-constructed tanks such as those in vehicle gas stations, amending the definition of "underground fuel storage tank" to mean "any fuel tank or tank facility and associated infrastructure that is or includes field constructed tanks, or that has a capacity of over 100,000 gallons"; and
3. To eliminate the imminent existential threat that may be posed by underground fuel storage tank facilities as defined above:
  - a. amending references to "within one-half mile of the outer limit of the outer edge of an aquifer" to "above an aquifer or within one-half mile of the outer edge of the aquifer as defined by the department pursuant to chapter 342E," or to "mauka of

the underground injection control line as defined by the department pursuant to chapter 342E”;

- b. removing the proposed permitting authority for repairs and replacement of an existing underground fuel storage tank in 342L- (a);
- c. prohibiting the operation of underground fuel storage tanks beginning January 1, 2023 in 342L- (b).

A proposed senate draft incorporating the above recommendations can be found below. Thank you very much for this opportunity to provide testimony in **support of SB2712**.

Mahalo,

A handwritten signature in black ink, appearing to read "Wayne Tanaka". The signature is written in a cursive, flowing style.

Wayne Chung Tanaka  
Chapter Director

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# A BILL FOR AN ACT

RELATING TO UNDERGROUND FUEL STORAGE TANKS.

**BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF HAWAII:**

1           SECTION 1. The legislature finds that fresh water and  
2 streams have been among the most important natural resources to  
3 Hawai'i's people. Dating back to ancient Hawai'i, the sanctity  
4 of fresh water, or wai, is reflected in the way water permeates  
5 throughout 'ōlelo Hawai'i, the Hawaiian spoken language. For  
6 example, the Hawaiian word for "law" is kānāwai, which literally  
7 translates to the "equal sharing of water". The Hawaiian word  
8 waiwai, water repeated twice, means abundance and  
9 prosperity. In Native Hawaiian culture, to have water is to  
10 have wealth.

11           The legislature further finds that the purity and safety of  
12 the State's fresh water may be in jeopardy of contamination from  
13 large-scale and field-constructed underground fuel storage tanks  
14 and tank facilities and associated infrastructure, if they are  
15 allowed to be permitted or operated near drinking water sources.

16           Therefore, the purpose of this Act is to:



# S.B. NO. 2172 S.D.1

1 (1) Prohibit the department of health from issuing permits  
2 for underground fuel storage tanks mauka of the  
3 underground injection control line as established by  
4 the department of health;

5 (2) Prohibit the operation of underground fuel storage  
6 tank facilities mauka of the underground injection  
7 control line as established by the department of  
8 health, beginning January 1, 2023; and

9 (3) Create a new definition for "underground fuel storage  
10 tank" to mean any fuel tank or tank facility and  
11 associated infrastructure that is field-constructed or  
12 includes field-constructed tanks, or that has a  
13 capacity of over 100,000 gallons.

14 SECTION 2. Chapter 342L, Hawaii Revised Statutes, is  
15 amended by adding a new section to part I to be appropriately  
16 designated and to read as follows:

17 "§342L- Permits near aquifer prohibited. (a) Beginning  
18 July 1, 2022, the department shall not issue a permit for an  
19 underground fuel storage tank mauka of the underground injection  
20 control line as established by the department pursuant to  
21 chapter 342E.

22 (b) Beginning January 1, 2023, no person shall operate an  
23 underground fuel storage tank mauka of the underground injection

# S.B. NO. 2172 S.D.1

1 control line as established by the department pursuant to  
2 chapter 342E, and no permit for an underground fuel storage tank  
3 mauka of the underground injection control line as established  
4 by the department pursuant to chapter 342E shall be renewed.

5 (c) As used in this section, "underground fuel storage  
6 tank" means any fuel tank or tank facility and associated  
7 infrastructure that is or includes field-constructed tanks, or  
8 that has a capacity of over 100,000 gallons."

9 SECTION 3. New statutory material is underscored.

10 SECTION 4. This Act shall take effect upon its approval.

Red Hill

I am a regular testified at the BOARD OF EDUCATION and thought it important for you to read these. Written testimonies from the January 20, 2022 BOARD OF EDUCATION meeting agenda item,

DISCUSSION ITEM A. PRESENTATION ON RED HILL WATER CONTAMINATION EFFECTS ON DEPARTMENT OF EDUCATION SCHOOLS, STAFF, STUDENTS, AND COMMUNITY

(1) Aloha,

My name is Michele Sasaki and I am a Kindergarten Teacher at Hickam Elementary School. I would like to submit my testimony regarding the following item for the General Meeting to be held on January 20, 2022.

Discussion Item V.A

Presentation on Red Hill water contamination effects on Department of Education schools, staff, students, and community.

As mentioned, I teach at Hickam Elementary, one of the schools affected by the water crisis. The situation with the water is an ongoing concern with widespread impact on school expenditures, learning conditions, and the well-being of everyone in the schools.

When the news of contaminated water first broke, it was a complete surprise and shock for everyone, especially our school administration. Our Principal, being a problem solver, jumped into action to close off use of faucets, fountains, and water for cafeteria use. Please note that at the time, these decisions were made without guidance from any other leadership entity, including the military and DEPARTMENT OF EDUCATION. What felt like déjà vu in comparison to the COVID situation was the fact that important health decisions were being left to the discretion of school administration. Rather than worry about curriculum and students' social/emotional health, our Principal was once again forced to become a public health decision maker. So as to ensure the health and safety of everyone at school, bottles of water, wipes, and sanitizer had to immediately be purchased with a run to Costco. And since that first day, we may have received donation of bottled water, but costs from our school's budget remained. The water crisis has extended which meant a better solution to water access was needed. Thus, renting hand washing stations. The Navy may be footing the bill now, but what about all those days since the start? The school had to spend money. It was costing the school about \$1000 a week to deal with the water crisis. When and how will that money be paid back? In the meantime, our school must tighten the budget belt in other areas such as technology, curriculum, and materials. But those should be the items to spend on for student learning! While I appreciate the concern and efforts to problem solve, the school, students, and staff should not have to sacrifice along the way. The water crisis was not the fault of the school, and the school's budget should not be negatively affected.

Understanding the serious conditions our families were facing, teachers and staff understood the need for students to spend their days in an environment that felt safe and secure. So while the extremely limited access of water existed at the school, rather than call for closure, we knew we had to do what we could to stay open. However, that meant questionable hand cleanliness in the middle of a pandemic and balancing water access with learning time. With a limited number of hand washing stations placed around the school for all 500 students to use, the alternative was using baby wipes to clean hands along with hand sanitizer. Perhaps this method may be acceptable for a day or two, but weeks? Long term? That is questionable and should be unacceptable when one of the mitigating strategies to deter COVID infection touted by both the Department of Health and Department of Education is hand washing. In order for young students to access the hand washing station, an adult is required. There is a difficult

foot pump in order to run the water at the station and a teacher would need to pump the water for a class of 20 students. This could take up to 30 minutes or more to get through a class, and this only considers the washing portion. What about the wait time and management of students while the one teacher is trying to address hand washing and the remainder of the class is having to wait? And 30 minutes of class time is a lot of precious learning time that is gone. As a teacher, do I use the 30 minutes to wash hands and maintain the utmost health or do I go with just wipes and hope that it will be enough to clean? Why are teachers being placed in that position to make such decisions? It should not be a question of health OR learning. We need to ensure that our students receive health AND learning. The Red Hill water crisis is ongoing. It is UNLIKELY to end any time soon. While my administrator and the teachers at school have been doing our best to offer grace to families as they have to commute back and forth to hotels, as we extend our sympathies and understanding regarding the difficulties of their home life, what are we as a Department, as a State, going to do help? My school and all the schools on the list should have clear and equal guidance and assistance from the DEPARTMENT OF EDUCATION regarding water access. LONG TERM solutions need to be made. When families are leaving due to water concerns, school personnel and staff projections and budgets should not be negatively affected. Schools that spent money to ensure safety at the start of the crisis should be reimbursed. The Department of Education and BOARD OF EDUCATION have been silent on this issue despite the toll it is taking on a number of schools. Please recognize the strain we are under, including multiple concerns with COVID and the water, and SPEAK UP, LEAD! Take the initiative to find out what our affected schools are dealing with. Help with arrangements or red tape. ADVOCATE STRONGLY to the Navy. TAKE A PUBLIC STAND TO DRAIN THE TANKS!

The water crisis is affecting your schools, your staff, your teachers, your students, your families. We are part of the education community you serve. Please take a stand and help us in all ways possible.

Mahalo,  
Michele Sasaki  
Kindergarten Teacher  
Hickam Elementary

(2) Board Chair Payne and Members of the Board,

Thank you for including this item on your agenda. While at the surface it may not appear to be an issue that has a major impact on our schools, but after working in this situation since the beginning of December, I can say that it has caused a disruption in our schools. I provide intervention instruction to students at Nimitz Elementary. I am in and out of classrooms and work with students one-on-one or in small groups throughout the day. Not having a reliable source of running water makes it difficult to wash your hands throughout the day and meant **that for weeks we served pizza for lunch**. To the point where the **students did not want to eat pizza anymore**. Despite the disruption and inconveniences, our school community stepped up to provide our students with a sense of normalcy at school when they were in a crisis at home.

Although the U.S. Army and Navy have provided resources and personnel to assist with distribution of water on campus, I ask you to urge them to reimburse the schools what they spent out of their budgets to pay for mitigating the health and safety issues caused by the contamination. Schools had to react to the contamination quickly rather than waiting for resources to be determined and distributed. Without

the purchases schools made to provide safe water on campuses, schools should have been closed until a solution could be determined.

Sincerely,  
Logan Okita, MEd, NBCT  
Nimitz Elementary School

(3) Testimony BOE This meeting agenda is filled with many important items to discuss. This testimony is specific to Item: V. A Red Hill

The community, our families/students are directly impacted by the poisoned water and the potential for greater exposure to a catastrophe with the aquifer of O`ahu. It is commendable that the DOE schools have been able to shift and take care of their students. It's what educators do. The question is how much longer will they need to do so? What are the plans for the future? Who is paying for the additional costs that affect these schools? What is the long range plan in preparation for other leaks and/or continued disruptions caused by Red Hill. It is great to learn about what is happening so far in this report. However, the BOE should also issue a strong statement to the Navy about Red Hill. The BOE are chosen leaders in the community and it is important for the BOE/DOE to stand with the Board of water and all the other leaders, community of O`ahu in taking a stance to shut down Red Hill. If any of you need further information or have questions, <https://sierraclubhawaii.org> has a wealth of resources and is also willing to share. In closing, I have attached a screen shot of the most up to date news on the Navy's response to protecting our community. Thank you for joining us in standing for our water. Ola I Ka Wai.

Cheryl Burghardt retired educator

(4). More recently, the HSTA Board of Directors unanimously called for the closure and emptying of the Red Hill Bulk Fuel Storage Facility.

Despite the community coming out in force to support these schools with water donations and school personnel working together to mitigate the impact on students, it has not been easy dealing with this crisis on top of the issues related to the ongoing COVID-19 pandemic. Below is what one Central district teacher earlier this month had to say about everything going on:

We are more impacted by the tainted water. I am only able to have students wash their hands twice a day with the bulk water they gave us with a pump. I am spending a lot of time outside pumping the water out of the bulk bottle or using the individual water bottles to wash their hands. I don't feel comfortable using the spray hand sanitizer we were given to clean their hands. (Department of Education: It doesn't take off food particles, or other dirt and grime from their hands.) They did give some wipes for their hands, but those will be gone soon.

I was washing their hands often, but not anymore. The custodians do not clean our desks. So I use the sanitizing wipes to wipe them down daily. Lots of prep time spent to clean the room. We are still not able to use the AC. We are required to keep windows open. Lots of dirt comes in all day. I also get some stray pre-schoolers come in the back door. The noise is ridiculous. (Airplanes, lawn mowers, other students at recess.) I don't understand how they think we are supposed to get these students up to grade level with all the distractions.

(5) I am a Honolulu resident who attended O‘ahu public schools from elementary through high school. Much of who I am today can be attributed to my education and experiences as a student in the Hawai‘i public school system.

I’d like to express my support for the shutting down of the Red Hill fuel tanks and encourage you, as the Hawaii State BOARD OF EDUCATION, to take a position on this issue to firmly express your solidarity with the residents of O‘ahu, many of whom are connected to your schools as former or current students, faculty members, or their families.

Your very mission, “to promote excellence and equity in Hawaii's public schools and enable all students to meet their own unique and varied potentials,” depends on the people who make up Hawai‘i’s public schools being cared for, which requires clean water at the very least.

Unless the Red Hill bulk fuel storage facility is shut down for good, clean water cannot be ensured.

As students in Hawai‘i, we learn of mālama ‘āina which reminds us of our connection to the land, the reciprocal relationship we have with the land that sustains us. If our land and water is affected, we are directly impacted as we belong to the same ecosystem—something I learned in Biology class, a very basic concept that should guide our way of life.

The Hawaii State BOARD OF EDUCATION should be committed to this place, this ‘āina, that serves as the best teacher and classroom for students of today and tomorrow. I hope you will consider boldly supporting the shutting down of the Red Hill fuel tanks for good.

Mahalo nui loa, Kristen Young



(6) Aloha Chair Payne, Vice Chair Uemura, and members of the BOARD OF EDUCATION, The Sierra Club of Hawai'i offers the following COMMENTS regarding the agenda item V.A..

As described in this agenda item, the current water contamination crisis arising out of the Red Hill Bulk Fuel Storage Facility has had a tremendous detrimental impact on school funding, operations, staff, students, and families, with additional unknown health and learning impacts.

The Sierra Club of Hawai'i fully supports immediately providing affected schools with the resources necessary to mitigate these impacts to the fullest extent possible, as well as pursuing remedies, including but not limited to reimbursement of costs, from the U.S. Navy as the party responsible for this crisis.

(7) To whom it may concern,

As the father of 6 children who were born here in Hawaii; grew up here and benefited from our public school system ... As a retired US Naval serviceman ... As a retired physician ... I am beyond appalled / I have no words that are able to adequately express my upset and concern about the Red Hill water contamination issue.

The inappropriate and insincere response and inaction from the Navy is embarrassing.

The Navy / the men and women that I served with for 4 1/2 years in demanding and stressful times could, would and did rise to every challenge on every occasion ... and we always did the 'right thing'.

We cared about each other.

We always worked together.

There was nothing that we could not do.

There was no situation that we could not handle.

The delays ...

The lack of proper allocation of urgency and acuity here is inexcusable ... I hesitated ... to make this statement because we are dealing with what we have / where we are in the serious situation ... Yet, I am upset.

We need to close the Red Hill storage facility.

We need the 'best of the best' from the Navy and from Hawaii working together now!

Most Respectfully,

Jame E Love, MD Retired

(8) Aloha,

My name is Isabella Dearaujo and this is my testimony of my experience at work since the Red Hill leak. I work at Hickam Elementary School on Hickam Base. For the past month the school has been completely turned upside down by the water crisis.

I am an RBT that provides services to children with autism. My client depends on regularity in their day. My client struggled with the changes as this was outside of the routine. Many students including my client were moved to hotels. School uniforms are no longer required because families can't do laundry consistently. Some of my clients friends developed rashes from the water.

When we first received news of the water crisis all of the hand washing stations were unavailable. Parents and teachers were donating water jugs so that students could wash their hands. All restrooms and sinks in the school were taped off.

Kids have been using baby wipes (not ones with antiseptic) to "wash" their hands when the water jugs run out.

**Kids ate the same pizza for 2 weeks for school lunch.** Because there was no clean water, kitchen staff was limited to what they could cook. Kids who depended on the school for lunch slowly ate less and less as they were getting nauseous from pizza day after day. This is also prepackaged pizza, not fresh. The consistency of the cheese was similar to glue.

Many kids moved because of the impact of the water at home. Some of the children in my clients 6th grade classroom lost friends that relocated to different areas. These children had to start at a new school in the last two quarters of 6th grade.

Before winter break there was a huge breakout of COVID, the Omicron variant. Many teachers and students got ill and continue to be sick. While there was a boost in cases all over island I firmly believe the limited resources led to less hand washing by the children which spread the germs from classroom to classroom.

This school is incredibly well funded. This is my 4th Hawaii elementary school I have worked at and the staff have handled this the best they could. The principal is always dropping off water bottles and all the kids recycle. However my past schools have been less funded and I wonder if this school is still struggling with all these resources and staff working constantly to help- how have the other schools with less funding fared?

I personally drank the water alongside many faculty members and students. I see how the teachers have struggled with COVID and the rise in cases on top of struggling with the water crisis. All of these children have a family member in the military. These kids are already sacrificing so much with deployed parents and constant moving. They deserve justice and clean water.

Mahalo,

Isabella Dearaujo

Field Director for the David O. McKay Center for Cultural Understanding

(9) To: [testimony.BOARD OF EDUCATION@BOARD OF EDUCATION.hawaii.gov](mailto:testimony.BOARD OF EDUCATION@BOARD OF EDUCATION.hawaii.gov)

I work for the VA as a clinical psychologist and have seen firsthand how my patients have been negatively affected by the contaminated water. Having to relocate and experiencing medical issues due to drinking and exposure to the contaminated water has exacerbated their mental health issues. This is unacceptable and must stop! Shut down Red Hill! Aloha,

Lisa Kau, PsyD

(10). Aloha, as a resident of Oahu I am concerned about the Red Hill water issue. I am here to state my opposition to Bill 48 Requiring a Permit for facilities like the Red Hill Bulk Fuel Storage Facility. I oppose this issue because for eighty years these massive underground tanks have existed with little oversight to see if these tanks are safe and secure. We know now that these tanks were leaking and have contaminated the drinking water. I am a senior in high school and have lived here all my life. My community hasn't been severely affected but our land and a lot of the people of this island have due to this contamination. I am asking the Honolulu City Council Committee on Transportation, Sustainability and Health to break down and stop using the Red Hill tanks for jet fuel. Lastly I hope these tanks will be taken down and the people can safely use the water again.

Sincerely, Dyllyn Burns-Joseph  
James B. Castle High School % 2022

(11) My name is Lindsay. I have two children enrolled at Red hill elementary school. My home on AMR is among those impacted by the Red Hill water contamination. One of my greatest concerns is the vapors we've observed in my home (as a result of running the tap and the flushing that occurred in close proximity to my front door). We've experienced symptoms such as headaches, dizziness, stomach aches, loss of concentration, dropping of items, altered and double vision. These vapors remain a constant in our home despite not using any of the water and as a result we are unable to remain in our home at all.

On November 30, I was called to pick up my child from school due to not feeling well. During this time I witnessed a government vehicle parked alongside a fire hydrant. This fire hydrant was opened up and water was being flushed from it into the parking lot, on the side walk and down the storm drain. When I picked up my child I could smell the chemicals from the water inside the office building through the closed double doors.

My children have experienced headaches, stomachs, bloody noses, loss of concentration, stuffy noses, and coughs while attending school and I have been called to pick them up numerous times out of COVID precautions. They were not COVID positive this fall. I have since learned during the evidentiary hearings that high levels of hydrocarbons such as jp5 were in the water from may 2021-the present. I am very concerned that the communication from the Department of Education, Department of Health and the navy lacked with regard to keeping both students and staff safe while attending this school. I asked to be notified when the flushing of the school was to be done so that staff and students would be safe from the vapors. I was notified after the flushing was done (that it was completed after school hours), however staff and students were present the next day. The vapor from the fuel is of great concern and needs to be addressed. The communication lacking from the Department of Health, EPA, navy with regard to student and staff members is unacceptable. We need the regulators to regulate.

Thank you Lindsay Ladnier [lindsayladnier@gmail.c](mailto:lindsayladnier@gmail.c)

12). Aloha e Hawai'i BOARD OF EDUCATION, Kanaeokana, the Kula Hawai'i Network which includes membership of all 17 Hawaiian Focused Charter Schools (HFCS), DEPARTMENT OF EDUCATION Hawaiian Medium Education schools, and over 50 other Hawaiian education organizations, urges BOARD OF EDUCATION members to take a clear and strong position to protect the health and safety of public schools students, teachers, and staff impacted by the US Navy's fuel tanks in Kapūkaki (Red Hill) and to recognize its impact on learning for students at schools directly impacted the fuel leaks into our clean drinking water at Department of Education schools.

Beyond the hazards that consuming or being exposed to contaminated fresh water poses to students, teachers, staff at our schools, the hardships being encountered at schools such as no running water for washing hands or drinking, the challenges that some keiki have to pump or access potable water from tanks located on campuses, and the displacement some from homes that some keiki are experiencing have created a situation that hampers learning for these students. The Board's mission to "promote excellence and equity in Hawaii's public schools and enable all students to meet their own unique and varied potential" is jeopardized by the Red Hill fuel tank leaks and this will continue to happen until the Navy shuts down their storage facilities and relocates it permanently.

Therefore, we humbly ask the BOARD OF EDUCATION to clearly and strongly condemn the US Navy's spill and its impacts on public education and ensure Hawai'i's families that the BOARD OF EDUCATION and the Department of Education will advocate on their behalf to protect the health, well-being, and optimal learning of its students.

Me Ka 'Oia'i'o  
Kanaeokana Kula Hawai'i Network

**(13). We are not being offered transportation. The army set up transportation until Dec 17. We have not had transportation since.** We have had zero communication from Department of Health, EPA, Department of Education, John Erickson (our superintendent), regarding the safety of the school with regard to the vapors, needing more water, worrying about the difficulty of kids having not being able to reach the hand washing station if the stations are even present anymore. Why didn't Department of Health or Department of Education know the levels of diesel and gasoline were high all summer and this fall. Who is monitoring our schools water? Who is protecting staff and students.

As a result of not hearing from these entities and the high COVID cases I was concerned about sending my kids into an unsafe environment the first week back to school. We missed school for a few days the first week, I sent my kids back to school 1/7/2022, then the kids and our family got COVID. I have asked for alternative learning methods. I have been told I can homeschool by the admin. I have not been given any other options. My children are dyslexic and need good education and a safe physical environment. I think the interim superintendent is detached from what is actually going on with regard to the struggles the teachers and families and students are having.

Thank you,  
Lindsay Ladnier [lindsayladnier@gmail.com](mailto:lindsayladnier@gmail.com)



(14). Aloha BOARD OF EDUCATION Members,

As a parent, it's been almost traumatizing worrying since the 2014 fuel leaks if my keiki's development will be stunted or disabled like children in Flint, Michigan due to governmental failure to prioritize the protection of public water. We live about a mile from the Red Hill Naval Underground Fuel Tanks at Kapūkaki.

As a former tenured DEPARTMENT OF EDUCATION teacher, I feel the BOARD OF EDUCATION is obligated to address this issue, as one of our general learner outcomes, specifically GLO 6 "the ethical use of technology" is a standard the Navy has continually failed with all its misleading of the public. If this outcome is part of DEPARTMENT OF EDUCATION mission, then we should hold this standard to institutions that threaten the well-being of our students to do so.

Prior to the recent pandemic, I was a PTT at a DEPARTMENT OF EDUCATION Hawaiian Immersion school, my daughter's school; it makes me nauseous reflecting on one of my daily duties: monitoring and encouraging elementary students to drink water after recesses from school drinking fountain. As you know, we have many communities across Hawai'i where bottled water is not an affordable, practical option for the purposes of maintaining hydration for optimum learning.

It is the BOARD OF EDUCATION kuleana to protect the welfare of our youth from harm they could incur at schools. Discussion is a good start: but it must be followed up with action, such as a resolution at minimum supporting decommission of the Red Hill Fuel Tanks, as the Board of Water Supply, HSTA and other state agencies have agreed that any such fuel tanks above our sole source aquifer is reckless and short-sighted.

As a military veteran, I am appalled by the Pentagon's position that so-called "national security" trumps the public health and safety of our citizens. I insist the BOARD OF EDUCATION pursues its mission of public education and not kowtow to military pressure, given the Constitution clearly specifies civilian control of armed forces and not the other way around. Veterans for Peace hopes that the inclusion of a military liaison on the board of our education administration Department of Educations not incur bias or double standards for the DoD, as this is the kind of collusion we see in authoritarian governments in Burma, Sudan, N. Korea, etc.

The BOARD OF EDUCATION needs to keep facts straight: This was NOT just an 'isolated or unfortunate situation,' but rather an on-going systematic problem of military base operations worldwide that was forewarned but ignored creating illnesses for some of our communities — please do not make same mistake and put our keiki in jeopardy. The Navy's own studies confirms past and future annual leakage that civil society cannot find acceptable. It is imperative that the DoD reimburse the DEPARTMENT OF EDUCATION for all expenses incurred by this latest crisis.

As a part of O`ahu Water Protectors and the Wai Ola Alliance, I underscore that talk is not enough and must be translated into policy. Please affirm your commitment to the well-being of our students and teachers, and join the growing chorus of concerned agencies and institutions calling for permanent decommission so we do not have to live continuously with this catastrophic threat.

If we value the lives of our students and school staff, we must join the UN General Assembly in recognizing water as a basic human right. We must come together as a community on this. (note: the call-in system for televised meetings Department of Educations not work. When I was called for oral testimony my presence was not recognized ("off-line") and I was not able to speak despite being unmuted. I had to rush home to a computer to testify in BOARD OF EDUCATION meeting.)

(15). Aloha,

I am a long-time resident born and raised in Oahu. I currently go to Castle High school and I am a senior. I am here to state my support for bill 48 Requiring a Permit for facilities like the Red Hill Bulk Fuel Storage Facility. I support bill 48 because there is jet fuel leaking in the aquifer and all that water is purified water.

That water is now contaminated and the people on Red Hill can't use their water and a lot of people got sick from the contaminated water. I care about this issue because we as Hawaii residents should care about the water we drink. Fresh and purified water is the thing we all deserve on Oahu. Since we found out Jetfuel was leaking into the aquifer the water was unusable. We are in the agriculture program and we care for the aina. I am asking the Honolulu City Council Committee on Transportation, Sustainability, and Health to clean out the water and fix the leaking jet fuel in the storage tanks. I would like to see the people in Red Hill back in their homes and use fresh clean water again.

Mahalo,

Dylan Silva

James B. Castle High school c/o 2022

**SB-2172**

Submitted on: 1/24/2022 8:24:43 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Colonel Ann Wright	Individual	Support	Yes

Comments:

Written Testimony for the January 26, 2022 Meeting

of the Hawai'i State Senate

Health and Agriculture and Environment Committees

January 24, 2022

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I am Colonel Ann Wright. I served 29 years in the U.S. Army/Army Reserves. I also was a U.S. diplomat and served in U.S. Embassies in Nicaragua, Grenada, Somalia, Uzbekistan, Kyrgyzstan, Sierra Leone, Mongolia, Afghanistan and Mongolia.

I have lived in Honolulu for twenty years.

I have been researching and writing about the dangers from the Red Hill jet fuel tanks for the past decade.

With my long employment with the federal government, both in the U.S. military and the U.S. diplomatic corps, I am well aware of the Department of Defense argument that the massive underground jet fuel tanks are a national security necessity.

However, when the health and welfare of the persons that the U.S. military is organized to protect is endangered by the military facilities used for their "protection," then the facilities must be taken out of use. The leaking 80-year-old World War II jet fuel storage tanks located only 100 feet above our drinking water aquifer have frequently leaked.

The November leak has contaminated the drinking water for over 93,000 residents, ironically, many of the families of the U.S. military itself. The U.S. Navy has stated that it has already spent \$250 million on the damage done by the leak into one of its drinking water wells.

The City of Honolulu has closed down two of its drinking water wells near the contaminated well.

If the jet fuel contamination had spread further in the aquifer, there is no plan, nor sufficient resources for any plan, to take care of the 400,000 persons whose drinking water would be contaminated.

The only way to ensure the health and safety of the population of Oahu is to close down permanently the Red Hill jet fuel storage tanks.

Thank you for initiating Senate Bill SB2172. However, I agree with the Sierra Club analysis of the bill and urge you amend the legislation by:

- 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;

2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons;

and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

I urge you to **PASS** SB2172 with the above amendments.

I will be providing an oral testimony also.

Thank you,

Ann Wright, Colonel

US Army, Retired

2333 Kapiolani Blvd #3217

Honolulu, HI 96826

808-741-1141

**SB-2172**

Submitted on: 1/23/2022 10:21:52 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Deborah Ward	Individual	Support	Yes

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

My family and I lived in the apartments atop the Red Hill storage tanks in the 1970's when their presence was a secret. We lived on O'ahu for twenty years before moving to Hawai'i island to farm. I am extremely concerned that the Navy has failed to be a pono steward of our most precious resource! The sordid history of leaks and lies must come to an end, and we call on you to make sure this happens!

**I SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Deborah Ward, P.O. Box 918 Kurtistown HI 96760 808-769-2403

**SB-2172**

Submitted on: 1/25/2022 10:42:17 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Mara Coe	Individual	Support	Yes

Comments:

I support

**SB-2172**

Submitted on: 1/24/2022 11:55:46 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Matthew Geyer	Individual	Support	Yes

Comments:

Aloha Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I support SB2172 in order to protect our water supply from being permanently ruined by the military recklessly continuing to store fossil fuel products in the storage system at red hill that is ridiculously old and decrepit.

We need to shut it down and make sure it doesn't happen again, as we are still at risk of permanently damaging or destroying the aquifer we all depend upon.

I support the amendments proposed by Sierra Club as follows:

"

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

"

Thank you for hearing this measure, and doing everything you can to preserve our environment from fossil fuel contamination.

aloha

Matt Geyer

Director of Public Outreach - Environmental Justice Task Force of Faith Action for Community Equity



[www.faihtactionhawaii.org](http://www.faihtactionhawaii.org)

[www.carboncashbackhawaii.org](http://www.carboncashbackhawaii.org)

**SB-2172**

Submitted on: 1/25/2022 12:17:24 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Meleanna Meyer	Individual	Support	Yes

Comments:

**Aloha mai kākou e Chair Keohokalole, Chair Gabbard, Vice Chairs Baker, Nishihara and members of the Senate Health and Agriculture and Environment Committees;**

**WHILE I SUPPORT with AMENDMENTS SB2172**, which intends on protecting our most precious island resource from ongoing fuel contamination by the Navy at the Red Hill site— we not only have a duty to protect this life giving resource for all of Hawai‘i’s people present and future, but the sole duty to accept the kuleana/responsibility to keep those who have defied community interests of these islands from creating an irrevocable, catastrophic situation.

I’d like to stress that this is not a potential problem but actionable this very minute- It affects the lives of each and every one of us. **PLEASE AMEND this measure by: (1) removing reference to the Red Hill Bulk Fuel Storage facility in the preamble to avoid possible Federal preemption challenges; 2) amending the proposed new definition of “underground storage tank” to apply to facilities with field - construction tanks, or with a capacity over 100,000 gallons; and (3) Ensure that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tanks may be operated after the end of this year, for a facility located Mauna of the underground ejection control line, or anywhere else underground for that matter.**

**Please PASS SB2172** with the above amendments. Mahalo nui kakou. Your works is the people’s will- and we are telling you that we must see guard this most precious of resources — ka wai.

Me ke aloha pumehana,

Meleanna Aluli Meyer, Community member- Keiki o ka 'Ä• ina

**SB-2172**

Submitted on: 1/25/2022 12:34:35 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Samuel Mitchell	Individual	Support	Yes

Comments:

I see one major problem with SB2172. It allows the Navy to continue to operate Red Hill Fuel Oil storage tanks until 2050. As a retired as a WL10 Pearl Harbor Naval Shipyard Marine Machinery Mechanic and Building Repairs Work Leader so I understand what it takes to maintain & repair Navy Electrical, Mechanical, Structural & Piping systems. And as a former officer of the Machinists Union Local 1998, I also understand how our members at Navy Public Works Center work hard to maintain the Red Hill Fuel Oil Tanks and the Navy's Water Systems. But without the Federal Government putting major funding for emergency repairs of Red Hill, this system will always leak. Please do not let the U.S. Department of Defense use the loophole in your bill to keep Red Hill from shutting down.

**SB-2172**

Submitted on: 1/25/2022 12:55:12 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Dave Mulinix	Individual	Support	Yes

Comments:

*Aloha Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***On behalf of Our Revolution Hawaii's 5,000 members and supporters, we SUPPORT WITH AMENDMENTS SB2172.***

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo nui!*

*David Mulinix, Organizer*

*Our Revolution Hawaii*

**SB-2172**

Submitted on: 1/25/2022 12:58:10 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Anna Chua	Individual	Support	Yes

Comments:

**Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,**

**I support SB2172 with amendments, which seeks to protect our islands' most precious resource from fuel contamination. The aquifer is not an infinite resource from which the US Navy can boundlessly extract, much less desecrate and ruin. It is the lifeblood that runs through our veins and those of every thing, person, and place we love. We all have a responsibility to protect our islands' source of life so that present and future generations of peoples, flora and fauna can thrive.**

**This measure is vital to ensure that Red Hill is shut down once and for all, and that nothing like this ever happens again. Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.**

**Please PASS SB2172 with the above amendments. Mahalo nui for taking action to protect our waters. Ola i ka wai!**



AMERICANS FOR DEMOCRATIC ACTION

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OFFICERS	DIRECTORS		MAILING ADDRESS	
John Bickel, President	Melodie Aduja	Jan Lubin	Bill South	P.O. Box 23404
Alan Burdick, Vice President	Keola Akana	John Miller	Zahava Zaidoff	Honolulu
Dave Nagajji, Treasurer	Juliet Begley	Jenny Nomura		Hawaii 96823
Doug Pyle, Secretary	Stephanie Fitzpatrick	Stephen O'Harrow		

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January 25, 2022

TO: Chairs Keohokalole & Gabbard and Members of the Health & Agriculture Committees

RE: SB 2172 RELATING TO UNDERGROUND FUEL STORAGE TANKS

Support for a Hearing on January 26

Americans for Democratic Action is an organization founded in the 1950s by leading supporters of the New Deal and led by Patsy Mink in the 1970s. We are devoted to the promotion of progressive public policies.

Americans for Democratic Action Hawaii supports this bill as it prohibits issuance of future underground fuel storage tanks within one-half mile of an aquifer beginning July 1, 2022 and prohibits operation of and renewal of underground fuel storage tank permits located within one-half mile from an aquifer beginning January 1, 2050. However, we think this latter date should be moved up a decade or two.

Thank you for your consideration.

Sincerely,

John Bickel, President







**SB2172**  
**RELATING TO UNDERGROUND FUEL STORAGE TANKS**  
Senate Committee on Health  
Senate Committee on Agriculture and Environment

January 26, 2022

1:10 PM

Videoconference

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The Council for Native Hawaiian Advancement (CNHA), a member-based 501(c)(3) non-profit organization with a mission to enhance the cultural, economic, political, and community development of Native Hawaiians, **STRONGLY SUPPORTS** SB2172. This bill would prohibit the Department of Health from issuing and renewing permits for underground fuel storage tanks within one-half mile from an aquifer. SB2172 represents a significant step forward in addressing the Red Hill Crisis that currently threatens an aquifer that supplies fresh drinking water to nearly half of O‘ahu’s residents.

The Navy’s Red Hill Bulk Fuel Storage Facility has leaked 180,000 gallons of fuel since 1940, **including recent leaks that have contaminated the Southern O‘ahu Basal Aquifer.** After the November 2021 leaks, the Honolulu Board of Water Supply (HBWS) was forced to shut down its Hālawā Shaft, Hālawā Well and ‘Aiea Well as a precautionary measure to prevent the fuel contamination from migrating to the public water system. An extended or permanent shutdown of these three critical HBWS wells could trigger mandatory water conservation measures during dry periods. **Moreover, the unknown levels of fuel contamination in the Southern O‘ahu Basal Aquifer could have potentially devastating impacts on Hawai‘i’s economy, especially if the contamination is so great that the HBWS is unable to approve new wells to support new affordable housing developments.**

This measure, should it pass, would be a long-overdue step in the right direction toward the establishment of necessary governing frameworks that effectively work toward protecting Hawai‘i’s finite natural resources for the betterment of future generations. Native Hawaiian traditions have reflected the importance of fresh water for survival on this isolated archipelago in the middle of the vast Pacific Ocean. What Native Hawaiians, of the time before, knew of



sustainability and self-sufficiency in the Hawaiian Islands, through centuries of struggle-turned-into-prosperity, is often taken for granted until an existential threat arises. We are presently faced with such a threat and it is evidently imperative that measures, like this, are needed to address the existing crisis and to mitigate the potential for future crises.

CNHA urges the Legislature to pass SB2172 to better protect O‘ahu’s life-giving waters.

Mahalo nui loa for this opportunity to provide testimony on this measure.

Respectfully,

J. Kūhiō Lewis, CEO  
Council for Native Hawaiian Advancement

**SB-2172**

Submitted on: 1/25/2022 12:54:35 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
David Henkin	Testifying for Earthjustice	Support	No

Comments:

Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

Earthjustice supports the intent of SB2172. It is critical to protect our islands' life-giving waters from potentially catastrophic contamination from underground storage tanks containing large quantities of fuel. For this bill to accomplish its purposes, we urge the committees to adopt the amendments proposed by the Sierra Club.

Thank you for the opportunity to testify.



# Food+ Policy Internship 2022

[food@purplemaia.org](mailto:food@purplemaia.org)

January 24, 2022

To: Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health & Agriculture and Environment Committees

Subject: Testimony in **Support** of SB 2172, with Amendments, relating to underground fuel storage tanks

Aloha mai kākou,

I am writing on behalf of the UH West Oahu Food+ Policy Internship to express our collective and unequivocal support for SB2172, relating to the Red Hill underground fuel storage tanks.

SB2172 prohibits issuance of future underground fuel storage tanks within one-half mile of an aquifer beginning July 1, 2022. It also prohibits operation of and renewal of underground fuel storage tank permits located within one-half mile from an aquifer beginning January 1, 2050, and defines underground fuel storage tanks as any fuel tank with a capacity of one hundred gallons or more.

In addition to this prohibition and definition, we would also like to suggest the following amendments be made to help safeguard our people from further danger and contamination:

- 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;
- 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and
- 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

**The Food+ Policy internship** develops student advocates who learn work skills while increasing civic engagement to become emerging leaders. We focus on good food systems policy because we see the importance and potential of the food system in combating climate change and increasing the health, equity, and resiliency of Hawai'i communities.

In 2022, the cohort of interns are undergrads and graduate students from throughout the UH System. They are a mix of traditional and nontraditional students, including parents and veterans, who have backgrounds in education, farming, and Hawaiian culture.



## Food+ Policy Internship 2022

[food@purplemaia.org](mailto:food@purplemaia.org)

On behalf of the Hawai'i Food+ Policy Internship, I would like to thank Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health & Agriculture and Environment Committees for considering the comments made herein.

Me ke aloha,

Ioane & the Food+ Policy Interns

**The Food+ Policy internship** develops student advocates who learn work skills while increasing civic engagement to become emerging leaders. We focus on good food systems policy because we see the importance and potential of the food system in combating climate change and increasing the health, equity, and resiliency of Hawai'i communities.

In 2022, the cohort of interns are undergrads and graduate students from throughout the UH System. They are a mix of traditional and nontraditional students, including parents and veterans, who have backgrounds in education, farming, and Hawaiian culture.



To: The Senate Committee on Health  
and  
The Senate Committee on Agriculture and Environment  
From: Sherry Pollack, Co-Founder, 350Hawaii.org  
Date: Wednesday, January 26, 2022, 1:10pm

**In support of SB2172**

Aloha Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I am Co-Founder of the Hawaii chapter of 350.org, the largest international organization dedicated to fighting climate change. 350Hawaii.org supports this measure which seeks to protect our precious water from fuel contamination, and we respectfully offer **some suggested amendments**.

Hawaii's drinking water supply is already at risk due to the effects of climate change. All the more reason to ensure we take great care in protecting our aquifer from fuel contamination, or any other source of pollution, keeping it safe for current and future generations. With recent tragic events, we have had a glimpse into what it means to lack access to safe, fresh drinking water as we have witnessed the tragic suffering of families who are users of the Navy's Red Hill drinking water well and who are now struggling with a water contamination crisis. Since November, these families are unable to drink or use tap water from their homes because it is tainted with petroleum from a facility that is in too close proximity to a drinking water well. Imagine if this had affected our groundwater aquifer for the community at-large? Let this be a lesson we learn and implement safeguards to prevent this from ever happening again. We welcome legislation that will lead to the **permanent defueling and closure of the Red Hill Bulk Fuel Storage Facility** that currently threatens Oahu's primary drinking water supply.

To better ensure that this measure can fulfill its purpose and protect our precious water, we respectfully offer some amendments for your consideration.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) removing the proposed permitting authority for repairs and replacement of an existing underground fuel storage tank; 3) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 4) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after July 1 of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments.

Thank you for the opportunity to testify on this very important bill.

Sherry Pollack  
Co-Founder, 350Hawaii.org



**Senate Committee on Health &  
Senate Committee on Agriculture & Environment**

Wednesday, January 26, 2022, 1:10 p.m. Via Videoconference

**Hawai'i Alliance for Progressive Action Supports: SB 2172 with amendments**

Aloha Chair Keohokalole & Chair Gabbard, Vice Chair Baker and Vice Chair Nishihara and Members of the Committees,

On behalf of the Hawai'i Alliance for Progressive Action (HAPA) I am submitting testimony in support of SB 2172 with amendments. HAPA is a state-wide organization that engages approximately 10,000 local residents annually.

The presence of leaky fuel tanks at Red Hill and the Navy's mismanagement of this crisis directly impacts the health and quality of life of Oahu's residents, and will continue to for generations to come. Some of our staff and many of our supporters are directly affected by this crisis. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Mahalo for introducing SB 2172 to prohibit the operation of existing underground storage tanks, as well as the future construction of underground storage tanks within half a mile of an aquifer. SB 2172 seeks to protect our precious drinking water resources and this is of critical importance to our survival.

O'ahu's residents are facing a serious crisis which will continue for years. Board of Water Supply's Ernie Lau said that the Hālawā shaft – which was shut down as a precaution following the Navy's Red Hill well contamination – could be shut down for years, even permanently.

HAPA supports SB 2172, with the following amendments:

- 1) Please remove reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;
- 2) Please amend the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and
- 3) Please ensure that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

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

Navy officials cannot be trusted to protect our water. They have lied time and time again. The following reasons explain why the legislature must act since the Navy has failed to:

- 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 suspended use of its Red Hill water shaft on November 28, but the public only found out on December 1. The Navy continues to confuse and gaslight community members.
- 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 Maunāluā. The BWS has advised that mandatory water conservation measures will now need to be in place in the summer of 2022.
- 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

The Department of Health has agreed that the situation is inherently dangerous. 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.

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.

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 the steel liners have been corroding to the point where many through-wall holes have been found and in some areas they are one-third of their original thickness.

The Hawai'i Alliance for Progressive Action (HAPA) is a public non-profit organization under Section 501(c)(3) of the Internal Revenue Code. HAPA's mission is to catalyze community empowerment and systemic change towards valuing 'āina (environment) and people ahead of corporate profit.



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 over two months. If the Navy water system is further compromised, our housing crisis will mushroom.

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.

It's absolutely critical that the State Legislature take action immediately to address this major threat to Honolulu's water supply.

Please PASS SB2172 with the above amendments.

Mahalo for your consideration,

A handwritten signature in black ink, appearing to read 'Anne Frederick', with a long horizontal flourish extending to the right.

Anne Frederick  
Executive Director

**SB-2172**

Submitted on: 1/25/2022 10:16:43 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jeri Di Pietro	Testifying for Hawai`i SEED	Support	No

Comments:

Protecting our aquifers is one of the most important issues we face. Please drain the fuel tanks before anymore damage is done. The tanks are beyond their lifespan and obviously are failing. Fuel seepage has been occurring for many, many years and is well documented. It is caulous to let this polluted water be piped into households and to other water users, such as businesses or schools. Completely unacceptable. This has hit a stage of precariousness that calls for immediate draining and relocation of the stored fuel. If we fail to act quickly, the alternatives would devastate O`ahu. Ola i ka wai, especially in the middle of the Pacific Ocean. Mahalo



## Testimony to the Senate Committees on Health, and Agriculture and Environment

Wednesday, January 26, 2022 at 1:10 P.M.

Via Videoconference

### **RE: SB 2172, RELATING TO UNDERGROUND FUEL STORAGE TANKS.**

Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and Members of the Committees:

The Hawaii Military Affairs Council ("MAC") **offers comments** on Senate Bill 2172 which:

- 1) Prohibits issuance of future underground fuel storage tanks within one-half mile of an aquifer beginning July 1, 2022;
- 2) Prohibits operation of and renewal of underground fuel storage tank permits located within one-half mile from an aquifer beginning January 1, 2050; and
- 3) Defines underground fuel storage tanks as any fuel tank with a capacity of one hundred gallons or more.

The Hawaii Military Affairs Council (MAC) was established in 1985 when the Chamber was appointed by the State to serve as the liaison to the military. The MAC advocates on behalf of Hawaii's military, and is comprised of business leaders, academic institutions, State and County officials, members of the CODEL, community leaders, labor unions and organizations and retired U.S. flag and general officers. The MAC works to support Hawaii's location as a strategic U.S. headquarters in the Indo-Asia-Pacific region which is crucial for U.S. national and homeland security.

In recognizing how critical the U.S. military presence is to Hawaii's economy, the MAC underscores the importance of the military's ability to remain "ready to respond" which is essential for preserving the military's presence in the State and protecting a vital driver of our state's economy as well as deter and defend against would be aggressors in this region and preserve our way of life. In addition to protecting the State's economy, the military employs over 100,000 people in Hawaii. The MAC recognizes that the safety of the people of Hawaii and the community is paramount and will continue to work with the military, state officials and the community on a path forward ensuring the protection and safety of our people and community, transparency, and a viable path forward.

By way of background, Congress passed 2022 National Defense Authorization Act for Fiscal Year on December 15, 2021 which adopts and builds off the Hawaii's Congressional



Delegation's request for independent Inspector General review of Red Hill by requiring an independent American Petroleum Institute certified inspector to examine the facility. Additionally, on January 11, 2022 the Department of the Navy announced their commitment to Hawaii and comply with all six elements of the State Department of Health order.

Given the Department of the Navy's commitment to work with federal, state, and local agencies to suspend operations and empty the underground tanks at the Red Hill Bulk Fuel Storage Facility, we express and recognize foremost the safety of the people of Hawaii and the protection of our precious natural resources

Thank you for the opportunity to testify and offer our comments.

**SB-2172**

Submitted on: 1/24/2022 2:18:25 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
John Witeck	Testifying for Hawaii Workers Center	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I am testifying for myself and also for the Hawai'i Workers Center in SUPPORT of SB2172. This Bill seeks to protect Oahu's precious water from fuel contamination. We all have a duty to defend and preserve our 'aina and water for present and future generations. We must not allow the Navy or any land owner or land occupier to undermine this necessity and threaten our water resources. It is time that the Red Hill tanks be drained and the facility shut down, with no option for the recommissioning or repermitting of the facility***

*We are in favor of amendments to the bill, suggested by the Sierra Club, namely to: 1) remove the reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) define "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensure that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments.*

*Please also look into the U.S. military's deleterious environmental impacts at other military installations like Pearl Harbor, Hickam A.F. Base, Schofield Barracks, Wheeler A.F. Base, Pohakuloa, Kahuku, Barking Sands, and other military sites.*

*Mahalo nui!*



Aloha Chair Keohokalole, Chair Gabbard, Vice-chair Baker, Vice-chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

The Hawai'i Youth Climate Coalition **supports SB2172**, which seeks to protect our island's most precious resource from fuel contamination, **with amendments**. HYCC is a youth-led, youth-founded organization dedicated to taking on the climate crisis through just and equitable means. Along with championing climate action, we value protection of land and water rights, and see the right to clean water as non-negotiable.

SB2172's passage is important for addressing the Red Hill fuel tanks and future threats of leakage by storage tanks holding petroleum products. The leakage of the Red Hill fuel tanks is a threat to human welfare and our 'āina. It is of paramount importance that we, as a community and as a whole, should care for each other and put our health first. Additionally, we must malama 'āina and protect this spiritually, culturally, historically, and environmentally rich land. We cannot risk putting our people or our land in harm's way even further. This anti-environment episode is frankly unacceptable, and needs to be dealt with correctly and swiftly. We demand full transparency and accountability from the U.S. Navy, while ensuring adequate mitigation measures and safeguards are implemented to ensure this does not happen again. We cannot wait for further humanitarian and environmental disasters to occur with regards to the Red Hill fuel tanks.

In the past few months, the Navy has been pushing back against the removal of these tanks for the sake of national security, but public health is just as much of a national security asset as military operations are. The importance of our health and well-being should not be up for debate. With SB2172, we can prevent future fuel tank leaks and protect our community's health before the damage has been done.

Therefore, we respectfully ask that SB2172 be amended by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground

fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

As youth climate activists, we work towards replacing destructive practices with cleaner alternatives. For example, there are ongoing efforts to create sustainable aviation fuel as a possible alternative to harmful petroleum fuel. We appreciate that SB2172 is working towards reducing the petroleum products that lie over the aquifer that supplies our drinking water. We would like to thank those who have been at the forefront of this issue for several years, serving as trailblazers for the sake of our community, and to those who are taking firm action now to ensure that this same crisis does not plague our children and their futures.

We hope that this committee will pass SB2172 with the above amendments, and mahalo for considering our testimony.

Sincerely,

The Hawai'i Youth Climate Coalition Representatives:

- Dyson Chee
- Sabrina Cohan
- Mia Gaughan
- Katerina Im
- Misa Layne
- Tyler Levine
- Clara Ontal

**SB-2172**

Submitted on: 1/25/2022 1:44:34 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Brett Kulbis	Testifying for Honolulu County Republican Party	Support	No

Comments:

Honolulu County Republican Party supports SB-2172.



**SB-2172**

Submitted on: 1/23/2022 8:30:44 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Janel Sterbentz	Testifying for Livable Honolulu	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Livable Honolulu

**Native Hawaiian & Pacific Islander  
HAWAI'I COVID-19 TEAM**  
Response. Recovery. Resilience.



**In SUPPORT of SB 2172, “RELATING TO  
UNDERGROUND FUEL STORAGE TANKS” with  
AMENDMENTS**

Senate Committee on Health  
Chair Keohokalole and Vice Chair Baker  
Senate Committee on Agriculture and Environment  
Chair Gabbard and Vice Chair Nishihara  
January 26, 2022 at 1:10PM

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

As a coalition of Native Hawaiian and Pacific Islander organizations, the Native Hawaiian & Pacific Islander Hawai'i COVID-19 Response, Recovery, and Resilience (NHPI 3R) Team **SUPPORTS** SB 2172, which aims to protect water resources in Hawai'i, and offers friendly amendments to ensure that the purposes of SB 2172 can be fulfilled.

**To better ensure that this measure can fully protect our islands' most precious resource from facilities like the Red Hill Bulk Fuel Storage Facility, the NHPI 3R Team respectfully urges the following amendments:**

1. In an abundance of caution, to prevent this measure from being preempted by federal laws prohibiting state legislation targeting specific federal facilities, removing the reference to the Red Hill Bulk Fuel Storage Facility in the preamble,
2. To prevent unintended impacts on underground fuel tank operators using modern, double-walled and factory-constructed tanks such as those in vehicle gas stations, amending the definition of “underground fuel storage tank” to mean “any fuel tank or tank facility and associated infrastructure that is or includes field constructed tanks, or that has a capacity of over 100,000 gallons”; and
3. To eliminate the imminent existential threat that may be posed by underground fuel storage tank facilities as defined above:
  - a. amending references to “within one-half mile of the outer limit of the outer edge of an aquifer” to “above an aquifer or within one-half mile of the outer edge of the aquifer as defined by the department pursuant to chapter 342E,” or to “mauka of the underground injection control line as defined by the department pursuant to chapter 342E”;
  - b. removing the proposed permitting authority for repairs and replacement of an existing underground fuel storage tank in 342L- (a);
  - c. prohibiting the operation of underground fuel storage tanks beginning January 1, 2023 in 342L- (b).

The health of our people, who are descended from dozens of indigenous Pasifika groups, is fundamentally connected to the well-being of natural resources. Fresh water in the future depends on making sound decisions in the present. We urge the committees to examine the proposed amendments and pass SB 2172 as a critical role in preserving the environment and the future of our communities.

Mahalo for the opportunity to provide testimony. The NHPI 3R Team can be contacted via email at [nhpicovid@papaolalokahi.org](mailto:nhpicovid@papaolalokahi.org).

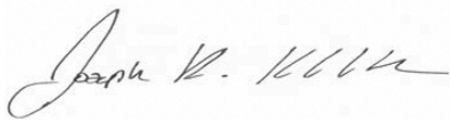
Respectfully,

A handwritten signature in black ink on a light blue grid background. The signature is cursive and appears to read "Sheri Daniels".

Sheri Daniels, Native Hawaiian Co-Lead

A handwritten signature in black ink on a light blue grid background. The signature is cursive and appears to read "Josie Howard".

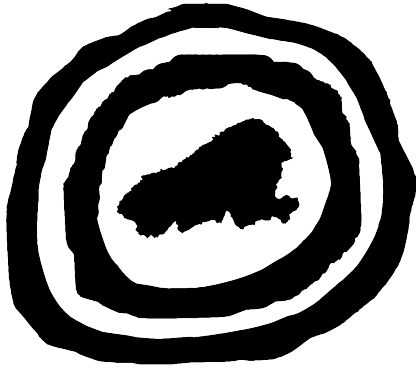
Josie Howard, Pacific Islander Co-Lead

A handwritten signature in black ink on a light blue grid background. The signature is cursive and appears to read "Joseph Keawe'aimoku Kaholokula".

Joseph Keawe'aimoku Kaholokula, Native Hawaiian Co-Lead

A handwritten signature in black ink on a light blue grid background. The signature is cursive and appears to read "Felea'i Tau".

Felea'i Tau, Pacific Islander Co-Lead



# 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 our members and our supporters to call upon Honolulu City Council members, State Senators and Representatives, and Hawai‘i’s congressional delegation to intervene and call for urgent action regarding the Kapūkakī (Red Hill) Fuel Storage Facility. 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.

The PKO stands in support of SB 2172 which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations. We request that the measure be amended by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Thank you for your consideration.

Aloha ‘Āina,  
Protect Kaho‘olawe ‘Ohana



**Papa Ola Lokahi**  
Nana I Ka Pono Na Ma

## Papa Ola Lōkahi

894 Queen Street  
Honolulu, Hawaii 96813

Phone: 808.597.6550 ~ Facsimile: 808.597.6551

**Senate Committee on Health**  
Senator Jarrett Keohokalole, Chair  
Senator Rosalyn Baker, Vice-Chair

**Senate Committee on Agriculture and Environment**  
Senator Mike Gabbard, Chair  
Senator Clarence Nishihara, Vice-Chair

**Wednesday, January 26, 2021, 1:10PM, Videoconference**

**RE: SB 2172 – Relating to Underground Fuel Storage Tanks**  
**Position: STRONG SUPPORT with amendments**

Dear Chairs, Keohokalole and Gabbard, Vice-Chairs Baker and Nishihara, and Members of the Committees on Health and Agriculture and Environment,

Papa Ola Lōkahi supports SB 2172 with amendments. This measure takes action to protect the health and life of our islands and communities through the protection of a precious resource – water.

The traditional Hawaiian perspective placed immense value on water, as demonstrated by the word waiwai, which is commonly translated as “wealth” today. The importance of fresh water is a theme that continues as the threat to our freshwater aquifers are imminent; efforts to protect this resource must be prioritized. The intention of SB 2172 to govern decisionmaking so that the well-being of natural resources and communities is prioritized is critical to Hawai‘i’s future. Further, it seeks to make changes learned from the past installation and operation of underground fuel tanks and facilities, like the Red Hill Bulk Fuel Storage Facility.

In addition, Papa Ola Lōkahi respectfully urges the following amendments to strengthen the protection of fresh water resources in the State of Hawai‘i:

1. In an abundance of caution to prevent this measure from being preempted by federal laws prohibiting state legislation targeting specific federal facilities, removing the reference to the Red Hill Bulk Fuel Storage Facility in the preamble.
2. To prevent unintended impacts on underground fuel tank operators using modern, double-walled, and factory-constructed tanks such as those in vehicle gas stations, amending the definition of “underground fuel storage tank” to mean “any fuel tank or tank facility and associated infrastructure that is or includes field constructed tanks, or that has a capacity of over 100,000 gallons”; and
3. To eliminate the imminent existential threat that may be posed by underground fuel storage tank facilities as defined above:
  - a. amending references to “within one-half mile of the outer limit of the outer edge of an aquifer” to “above an aquifer or within one-half mile of the outer edge of the aquifer as defined by the department pursuant to chapter 342E,” or to “mauka of the underground injection control line as defined by the department pursuant to chapter 342E”;
  - b. removing the proposed permitting authority for repairs and replacement of an existing underground fuel storage tank in 342L- (a);
  - c. prohibiting the operation of underground fuel storage tanks beginning January 1, 2023 in 342L-(b).

Without these proposed amendments, one of Hawai‘i’s most valuable assets are threatened with irreversible contamination. Thank you for the opportunity to testify in strong support with amendments of this important legislation.

Ola i ka wai. Water is life.

### Papa Ola Lokahi

is a non-profit Native Hawaiian organization founded in 1988 for the purpose of improving the health and well-being of Native Hawaiians and other native peoples of the Pacific and continental United States.

### Board of Directors

#### Member Organizations

*Ho‘ola Lahui Hawaii*

*Hui No Ke Ola Pono*

*Hui Malama Ola Na ‘Oiwī*

*ALU LIKE*

*Ke Ola Mamo*

*E Ola Mau*

*University of Hawai‘i*

*Hawai‘i State Department of Health*

*Na Pu‘uwai*

*Office of Hawaiian Affairs*

### Executive Director

*Sheri-Ann Daniels, EdD*

**SB-2172**

Submitted on: 1/25/2022 12:03:24 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Lehua Kaulukukui	Testifying for Puakalehua Early Learning Consortium	Support	No

**Comments:**

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Lehua Kaulukukui, I am a resident of Hawai'i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172.

Mahalo for this opportunity to testify on this measure.

Lehua Kaulukukui, Chair

Puakalehua Early Learning Consortium



**Hawai'i State Senate Committee on Health and Senate Committee on Agriculture and the Environment**  
January 26, 2022, 1:10 PM | SB2172 – Testimony in Support

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

The Surfrider Foundation O'ahu Chapter would like to offer this testimony in **support of SB2172 with amendments** to ensure that this measure fulfills its purpose of protecting our islands' most precious resource from potentially catastrophic contamination.

The Surfrider Foundation is a national nonprofit organization dedicated to the protection and enjoyment of our ocean, waves, and beaches. Surfrider maintains a network of over 150 chapters and academic clubs nationwide, including 4 chapters in the Hawaiian Islands. The Surfrider Foundation focuses on many aspects of the environment such as coastal protection, plastic pollution, and water quality. Accordingly, the Surfrider Foundation, O'ahu Chapter appreciates and supports this bill as a means to ensure that the installation and operation of future underground fuel storage tanks and facilities may not contaminate our water sources.

To better ensure that this measure can fully protect our islands' most precious resource from facilities like the Red Hill Bulk Fuel Storage Facility, the Surfrider Foundation O'ahu Chapter respectfully urges the following amendments:

1. In an abundance of caution, to prevent this measure from being preempted by federal laws prohibiting state legislation targeting specific federal facilities, removing the reference to the Red Hill Bulk Fuel Storage Facility in the preamble,
2. To prevent unintended impacts on underground fuel tank operators using modern, double-walled and factory-constructed tanks such as those in vehicle gas stations, amending the definition of "underground fuel storage tank" to mean "any fuel tank or tank facility and associated infrastructure that is or includes field constructed tanks, or that has a capacity of over 100,000 gallons"; and
3. To eliminate the imminent existential threat that may be posed by underground fuel storage tank facilities as defined above:
  - a. amending references to "within one-half mile of the outer limit of the outer edge of an aquifer" to "above an aquifer or within one-half mile of the outer edge of the aquifer as defined by the department pursuant to chapter 342E," or to "mauka of the underground injection control line as defined by the department pursuant to chapter 342E";
  - b. removing the proposed permitting authority for repairs and replacement of an existing underground fuel storage tank in 342L- (a);
  - c. prohibiting the operation of underground fuel storage tanks beginning January 1, 2023 in 342L- (b).

Mahalo for the opportunity to testify in support of SB2172 with the proposed amendments.

Sincerely,

Camile Cleveland  
Volunteer Policy Coordinator  
Surfrider Foundation, O'ahu Chapter



Dear Chairs Keohokalole and Gabbard, Vice-chairs Baker and Nishihara, and Senators Moriwaki, Fevella, Buenaventura, Acasio, and Rhoads,

My name is Sabrina Cohan. I am a sixteen year old student living in Honolulu, and I am writing to you today to express my strong support of SB2172.

Clean drinking water is a human right, and the operation of the Red Hill fuel tanks puts this right in jeopardy. The recent leakage of the tanks was not sudden, and there have been many warning signs throughout the years as to the tanks' structural instability. If the tanks are allowed to continue holding fuel 100 feet above Oahu's main aquifer, there is no guarantee that they will not leak again. I acknowledge that the Navy views the tanks as a national security asset, but the health of Oahu's residents cannot be compromised upon. The tanks must be decommissioned before the state of our aquifer deteriorates.

SB2172 would prevent future crises of this sort before they begin, and would help to protect the right to clean water for the residents of Oahu for generations. This bill is vital to the continued health of the island, and to the protection of Oahu's environmental integrity. Our islands are beautiful, and should be protected, not exploited as a military asset.

As a young person living on Oahu, I am extremely passionate about environmental issues and protecting the natural beauty of this island for future generations. I also believe firmly in finding equitable solutions to environmental problems, and lifting up the minority communities affected most by environmental crises. The contamination of our aquifer is an issue of environmental justice, and poses serious threats to those communities that would not have the means to access fresh water should our groundwater be irreversibly harmed.

I appreciate your consideration of this bill, and would like to thank those who have fought for our right to clean water for decades. On behalf of the youth of Oahu, I hope that these committees will pass SB2172.

Sincerely,  
Sabrina Cohan

**SB-2172**

Submitted on: 1/22/2022 9:29:06 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lynn Murakami-Akatsuka	Individual	Support	No

Comments:

I strongly support the passage of SB 2172 related to underground fuel storage tanks permitting. Thank you for the opportunity to submit my testimony on this bill.

**SB-2172**

Submitted on: 1/22/2022 3:13:45 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Marion and Richard Poirier	Individual	Support	No

Comments:

Chairs Keohokalole and Gabbard and Members of their respective Committees on Health and on Agriculture and Environment:

This testimony is from Richard and Marion Poirier, concerned citizen advocates. We are in strong support of SB 2172 Relating To Underground Fuel Storage Tanks.

Our talking points are:

\*Hawaii is an isolated island state with special water considerations.

\*In our opinion, the Navy has not provided due diligence over the years since World War II

to monitor and safeguard our population's water supply. In fact, we understand that they

didn't exactly know the extent of their tanks, let alone the increasing hazards incurred and

potentials for damage to our health and safety.

\*Hawaii no longer needs antiquated WW II fuel storage for defense purposes. The cost-benefit ratio does not favor fuel storage retention .

\*We suggest that a legal definition of aquifer be added for clarity in case there is any forthcoming litigation. A definition would also aid the public's general understanding.

Thank you for your work on this comprehensive bill, and for addressing this serious subject.

We trust that this measure will pass in the critical interest of Hawaii's citizenry.



**SB-2172**

Submitted on: 1/22/2022 4:34:46 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jonah Bobilin	Individual	Support	No

Comments:

Aloha,

My name is Jonah Bobilin and I am a resident and constituent from Pearl City. I am writing in strong support of SB2172. We must protect the water of Hawai'i from the possibility of future fuel spills.

Mahalo,  
Jonah Bobilin

**SB-2172**

Submitted on: 1/23/2022 10:09:04 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Patrice Choy	Individual	Support	No

Comments:

I am in full support of SB2172 with amendments as detailed by the Sierra Club Hawaii.

I want to be able to look a young person in the eye and tell them we fought hard to protect our wai and aquifer for their sake and this bill will help to ensure the protection that is needed.

We can never allow another fuel storage facility to be built underground anywhere in Hawaii and inherit another risk of contaminating our water and environment like we are facing with the Red Hill bulk storage fuel facility disaster.

I believe SB2172 will put us on track to do the right thing for people, land and sea and will give the young and future generations a fighting chance to grow up drinking clean water like I did.

Mahalo.

**SB-2172**

Submitted on: 1/24/2022 12:15:29 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Shannon Rudolph	Individual	Support	No

Comments:

**SUPPORT!**

Hoping the date, 2050, is just a 'placeholder date'.

**SB-2172**

Submitted on: 1/24/2022 3:52:54 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jana Ireijo	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

This is our water and future we are talking about. There are no solutions or replacements.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Jana Ireijo



**SB-2172**

Submitted on: 1/24/2022 4:27:01 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Jaclyn Lore-Edwards	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT AMENDMENT** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Jaclyn Lore-Edwards

**SB-2172**

Submitted on: 1/24/2022 8:04:21 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Monica Morris	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

**SB-2172**

Submitted on: 1/24/2022 8:24:58 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Vance Kaleohano Farrant	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS SB2172.**

"If wai (water) is already life, then waiwai (wealth) is something greater than life, and I think that it is something greater than our own lives, in that it is the life of the people, a life of a place." -Nalamaku Ahsing

True wealth emerges from our waters, which carry the essence of our being, along with the many other environmental entities who make our lives possible. How do we care for our places, and by this virtue, how do we care for ourselves? I trust that you will hold our society to a standard of excellence, and that we will choose a thriving future.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments.

Mahalo,

Kaleohano

**SB-2172**

Submitted on: 1/24/2022 10:03:40 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
afsheen siddiqi	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

There is nothing more precious than our drinking water.  
Afsheen Siddiqi

**SB-2172**

Submitted on: 1/24/2022 9:29:07 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jennifer Latham	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations. As a person of faith, who knows that those who suffer from environmental contamination the most are those who can least afford it and who are the most vulnerable in our society, I ask you for your support.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Faithfully yours,

The Rev. Jennifer Latham

**SB-2172**

Submitted on: 1/24/2022 10:12:00 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Erin Foley	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments.

Sincerely,

Erin Foley

**SB-2172**

Submitted on: 1/24/2022 10:20:30 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
jeanne lindgren	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Sincerely,

Jeanne Lindgren

**SB-2172**

Submitted on: 1/24/2022 10:40:09 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Anne Marie Matsuzaki	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Anne Marie Matsuzaki, voting citizen and taxpayer



**SB-2172**

Submitted on: 1/24/2022 11:34:28 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lorraine Garnier	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments.

Mahalo nui!

Rain

Lorraine Garnier

**SB-2172**

Submitted on: 1/24/2022 11:38:47 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jeannine Johnson	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

My name is Jeannine Johnson and I live on the Kona side of O’ahu and my drinking water and the water for my family, friends and neighbors, are all impacted by the Navy's leaking, antiquated fuel tanks at the Red Hill Bulk Fuel Storage Facility. The Navy’s dangerous fuel tanks not only threaten our public health, they are detrimental to the environment and desecrate one of the most sacred wahi pana in Moanalua, Leilono, once located along the upper rim of the Aliamanu crater and was an entrance to PÅ• , or the “otherworld.” Samuel Kamakau published several versions of this mo’olelo. The following is a translation of his writings from Kuokoa in August 11, 1899:

â€

It was a place said to be the opening, on the island of Oahu, for mankind to enter eternal night. This place is on the northern side of the famous hill of Kapukaki (now Red Hill), at the boundary of Kona and Ewa, right in line with the burial hill of Aliamanu, on the upper side of the old road. It is said that this place [Leilono] is round, about two feet or more in circumference. This is the hole through which the ghosts of people slipped through to go down and this was the strata of Papa-ia-Laka. Through this opening appeared the supernatural branches of the breadfruit of Leiwalo. If a ghost who lacked an aumakua to save him climbed on a branch of the western side of the breadfruit tree, the branch withered at once and broke off, thus plunging the ghost down to the pit of darkness. The boundaries of this place, so the ancients said, were these: Papa-kolea which was guarded by a plover; Koleana whose guard was a big caterpillar and Napeha, the western boundary which was guarded by a lizard. (Sterling and Summers 1978:9) (brackets added)â€ Kumu Pono Associated LLC Study No. 131 (April 21, 2012)

Freshwater is Hawai’i’s most precious resource, and it must be protected. The Hawai’i State Constitution, Article 11, Section 1, amended in 1978, states as follows: “For the

benefit of present and future generations, the State and its political subdivisions shall conserve and protect Hawai'i's natural beauty and all natural resources, including land, water, air, minerals and energy sources, and shall promote the development and utilization of these resources in a manner consistent with their conservation and in furtherance of the self-sufficiency of the State. All public natural resources are held in trust by the State for the benefit of the people”.

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments. Mahalo nui!

**SB-2172**

Submitted on: 1/24/2022 10:34:24 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jasmine Bostock	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Rev Jazzy Bostock

Maluhia Lutheran Church and St. John the Baptist Episcopal  
Church

**SB-2172**

Submitted on: 1/24/2022 11:55:03 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Mara Davis	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

*pass this bill and protect drinking water for millions of people while also protecting biodiversity in Hawaii. This fuel can ruin life in Hawaii as we know it can't go to a beach that has oil in it while navy trying to flush fuel contaminated water into our oceans. Navy can't poison people of HAWAII.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

***PASS** SB2172 with the above amendments.*

*Mara Davis*

**SB-2172**

Submitted on: 1/24/2022 11:40:43 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Nanea Lo	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments.

me ke aloha 'Ā• ina,

Nanea Lo

**SB-2172**

Submitted on: 1/24/2022 12:13:12 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Cassandra Chee	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments. Mahalo nui!

Cassandra Chee



**SB-2172**

Submitted on: 1/25/2022 9:22:59 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Cara Kimura	Individual	Support	No

Comments:

I strongly support this bill but request that the start date of January 1, 2050 be moved earlier. We cannot continue to allow operation of underground fuel storage tanks and endanger our precious water supply for the next 30 years. This is an environmental hazard that require immediate action, not prolonged study.

**SB-2172**

Submitted on: 1/24/2022 3:07:44 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Carrie Mukaida	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS SB2172***, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

*Please amend this measure by:*

*1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;*

*2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and*

*3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

Passing this legislation, with the above ammendments, strengthens the State of Hawaii's case to protect our precious aquifer and water sources. We can no longer trust the U.S. Navy and Department of Defense to protect the health and well-being of our citizens, without close oversight, intervention and protection of our State Government.

*Please PASS SB2172 with the above amendments. Mahalo nui!*

**SB-2172**

Submitted on: 1/24/2022 12:27:46 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Will Caron	Individual	Support	No

Comments:

I strongly support this bill. Mahalo.

**SB-2172**

Submitted on: 1/24/2022 3:21:39 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Cynthia Punihaole Kennedy	Individual	Support	No

Comments:

January 24, 2022

**To: The Health and Agriculture and Environment Committees**

**Re: SB 2172 RELATING TO UNDERGROUND FUEL STORAGE TANKS.**

**Position: STRONG SUPPORT with AMENDMENTS**

**Hearing Date: Wednesday, January 26, 2022 1:10 pm; videoconference**

Aloha Chair Keohokalole, Chair Gabbard, Vice-Chair Baker, Vice-Chair Nishihara, and committee members

I support with amendments to SB2172, which seeks to protect our islands' most precious resource from fuel contamination.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. It is our duty to protect our natural resources for the health and safety of our communities.

Mahalo

Cynthia Punihaole Kennedy



**SB-2172**

Submitted on: 1/24/2022 3:21:59 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Gregory L Young	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments.

Thank you for your time,  
Greg Young

**SB-2172**

Submitted on: 1/24/2022 3:23:49 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Kim Jorgensen	Individual	Support	No

Comments:

Dear Senators,

I very much appreciate SB2172, and thank you for introducing it.

Our island's current water situation related to the Red Hill storage tanks is the result of **decades** of mistakes, human errors, greed, rust, procrastination, and very poor decisions made by territorial, federal, state, and local elected officials, the military, and hired contractors.

Woulda, coulda, shoulda...

Coulda, shoulda, woulda...

Shoulda, woulda, coulda...

No matter what order it is said, we cannot go back in time. Fortunately your bill is looking to the future; and there is no time like the present to get it as perfect as it can be.

Please consider the following amendments:

- remove the reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges
- amend the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and
- ensure that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

By PASSING SB2172 WITH the above amendments, there will not be a need to say, 'Woulda', or 'Coulda', or 'Shoulda' decades from now.

Respectfully,

Mr. Kim Jorgensen

Waikiki



**SB-2172**

Submitted on: 1/24/2022 4:00:13 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kai Lucas	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS SB2172**, with the purpose of protecting O'ahu's fresh water aquifer from fuel contamination.

Please amend this measure by:

- 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;
- 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 50,000 gallons;
- 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank;
- 4) ensuring that no underground fuel storage tanks may be operated after the end of 2022 for any facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments.

me ka ha'aha'a,  
Kai Lucas

**SB-2172**

Submitted on: 1/24/2022 12:51:54 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Marshall Hung	Individual	Support	No

Comments:

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Marshall Hung

**SB-2172**

Submitted on: 1/24/2022 4:00:35 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Marilyn Mick	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS SB2172***, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo, Marilyn Micj, Honolulu*

**SB-2172**

Submitted on: 1/24/2022 4:03:00 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Bill Quinlan	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments. Mahalo nui!

William Quinlan

Haleiwa

**SB-2172**

Submitted on: 1/24/2022 4:08:25 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Angela Huntmer	Individual	Support	No

Comments:

Aloha Chair and Committee Members,

Please support SB2172 with the following ammendments

1) Remove reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amend the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensure that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Mahalo.

**SB-2172**

Submitted on: 1/24/2022 12:53:29 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Keoni DeFranco	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

Red Hill is a clear and present danger to the water aquifers of Oahu. Many of the island's aquifers are interconnected underground, there is no known way to clean petroluem from an aquifer and the Navy has proven how difficult is is to remove petroluem out of their own water pipes. A petroluem spill into the public's water source would be catastrophic and would take a generation to clean out, if ever. Please do everything you can to not just defuel Red Hill Fuel Facility, but to decomission it forever. There is no reason to store that much toxic liquid about our water supply.

***I SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments.*

*Mahalo nui!*

**SB-2172**

Submitted on: 1/24/2022 5:07:43 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Yubi Peterson	Individual	Support	No

Comments:

As the bill, SB2172, states: to have water is to have wealth. Allowing petroleum to have leaked into the fresh water supply puts the local residents at harm and is an attack to the Hawaiian community. The United States Navy has no right to harm the local people of Hawai'i and to be allowed continuing their destructive behavior. The community deserves their health to be protected and to put in measures that keep their health and resources in mind. It is incredibly short sighted to allow fuel storage tanks near aquifers. People in the local community knew this was always a possibility, that their fresh water can be contaminated, but put their trust into the government to protect them. The government failed and neglected them. Please think about the long term and the health of future generations.

**SB-2172**

Submitted on: 1/24/2022 6:16:36 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kawena Lauriano	Individual	Support	No

Comments:

Aloha, I'm writing today in strong support of this bill. The Red Hill fuel leaks have demonstrated just how fragile our natural resources are and it is clear the US Navy will not take accountability on their own. Shut down and decommission the tanks while we still have water sources and fo not allow future fuel tanks to be built on or near an aquifer. While we disagree on many issues, water is one of the few things that we all have in common. Ola i ka wai!



**SB-2172**

Submitted on: 1/24/2022 12:55:23 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lisette Akamine	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice-Chair Baker, Vice-Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Clean water is invaluable and irreplaceable and it is the source of all life - we all have a duty to protect our priceless freshwater resources for present and future generations.

**Please amend this measure** by 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

L. Puanani Akamine

**SB-2172**

Submitted on: 1/24/2022 6:42:48 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Sarah K Worth	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172. Unfortunately, the Navy personnel in charge of the Red Hill tanks have **breached** their promise of safe maintenance and **failed their duty** to promptly inform the State of potentially fatal issues. These Navy admirals have now not only **endangered** the entire population of O`ahu but now, they have even **poisoned** their own soldiers who are part of Hawai`i's military ohana. Please see the testimonies submitted by the Sierra Club Hawai` Chapter and the Conservation Council for Hawai`i for the recommended amendments.

Mahalo nui loa,

Sarah Worth

**SB-2172**

Submitted on: 1/24/2022 7:08:43 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jennifer Kau'i Young	Individual	Support	No

Comments:

*Dear Chair Keohokā• Iole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees:*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations. Ola nā• i ka wai.*

***In addition, please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments. E ola mau Hawai'i! Mahalo nui!*

**SB-2172**

Submitted on: 1/24/2022 12:57:41 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Susan E Stahl	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS SB2172***, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

*Please amend this measure by:*

*1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;*

*2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and*

*3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. This is critical to protecting our precious water reserves. It will also strengthen the relationship between Hawai'i and the military guests who live on lan in our state.*

*With much respect,*

*Mahalo nui!*

*Susan E Stahl*

**SB-2172**

Submitted on: 1/24/2022 6:23:40 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
William Reese Liggett	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS SB2172***, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

***Please amend this measure by:*** 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

*Please PASS SB2172 with the above amendments. Mahalo nui!*

*William Reese Liggett*

**SB-2172**

Submitted on: 1/24/2022 7:50:15 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Leila Morrison	Individual	Support	No

Comments:

I strongly support SB2172 as a resident of O'ahu and Hawai'i. It is essential to protect all water resources in the Hawaiian archipelago as they are limited and irreplaceable. We cannot return polluted water to its previous state. Clean water is not only a human right, it is beyond precious as it is required for the health and well being of all living things and natural systems. To allow future placement of underground storage tanks and risk of polluting our aquifers with fuel or other substances that are toxic and/or deadly would be an immense mistake. If you care about Hawai'i at all, the future of this place, and anyone or anything who lives here you will support this bill and also do more to prevent future pollution to our freshwater resources. Please support SB2172.

Mahalo,

Leila Morrison

**SB-2172**

Submitted on: 1/24/2022 1:05:29 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lory Ono	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENT SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.***

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo nui!*

Lory Ono

**SB-2172**

Submitted on: 1/24/2022 8:05:38 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Brian Jahn	Individual	Support	No

Comments:

Aloha e Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health & Agriculture and Environment Committees,

I STRONGLY **SUPPORT** SB2172, WITH AMENDMENTS. The poisoning of our most precious resource must never again be allowed to occur and these fuel tanks must be permanently put out of commission.

In addition, please consider the following amendments: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui a ola i ka wai!

Me ke aloha,

loane



**SB-2172**

Submitted on: 1/24/2022 8:50:43 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Mackenzie Manning	Individual	Support	No

Comments:

This bill is a reasonable solution for all stakeholders. It's time for the military to find more sustainable solutions for their fuel storage. I just hope 0.5 miles is far enough away and the military ramps up their monitoring of existing sites and properly maintains them until 2050. Perhaps also there needs to be language for how they will properly deconstruct and clean up the site(s) once they have to leave in 2050.

**SB-2172**

Submitted on: 1/24/2022 1:05:42 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Cullen T. Hayashida	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice-Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***As a long-term resident of the Moanalua Gardens Community, I STRONGLY SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.***

*Please amend this measure by 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments for the sake of our children and future generations of Hawaii!*

*Cullen T. Hayashida*

**SB-2172**

Submitted on: 1/24/2022 10:07:36 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Tara Rojas	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

Tara Rojas

**SB-2172**

Submitted on: 1/24/2022 1:13:52 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Caren Loebel-Fried	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I SUPPORT WITH AMENDMENTS SB2172.

Our precious island water needs to be protected from fuel contamination.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments. Mahalo nui!

Caren Loebel-Fried

**SB-2172**

Submitted on: 1/24/2022 10:07:48 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
jessamy town hornor	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

My name is Jessamy Town Hornor. I was born on Maui in the 70s. As a child I could see and hear the Navy bombing Kaho'olawe from our home in Kula on the slopes of Haleakala. My father Michael Town, along with Joel August, young attorneys who worked at Legal Aid, argued and won the landmark court case Aluli v Brown in 1977 that eventually helped end the bombing. Now 40 years later, the bombing has stopped, and cultural and environmental restoration work has been undertaken, but the island will never be the same. The water table is broken. The pŀ«nÄ• wai, that miraculous accumulation of water that supports life, is shattered forever because of the bombs.

So here we are again in 2022, with fuel contaminating the wells below the Red Hill facility, but this time we are in a position to do all we can to stop this pattern of destruction once and for all. This water provides for all of us who live here - Hawaiians, keiki o ka aina, recent transplants, tourists, and military families - all of us who live on this most populated of Hawaiian Islands, the vital center of our state economy. Please ensure that this is not a second Kaho'olawe.

***I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.***

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo nui!*

**SB-2172**

Submitted on: 1/24/2022 10:58:01 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Rosanna ?Anolani Alegado	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

My name is Rosie 'Anolani Alegado and I am a resident of the ahupua'a of Kahalu'u on O'ahu. **I SUPPORT WITH AMENDMENTS SB2172**, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments. Mahalo nui!  
Rosie Alegado

**SB-2172**

Submitted on: 1/24/2022 1:16:25 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Dave Kisor	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS SB2172***, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo nui!*

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I support with Amendments SB2172 which seeks to protect our islands' most precious resource from fuel contamination.

Please amend this measure to:

- (1) Prohibit the Department of Health from issuing permits for underground fuel storage tanks over an aquifer or within one-half mile from where leaks from the tank or associated underground piping would migrate toward an aquifer.
- (2) Prohibit the renewal of permits for underground fuel storage tanks over an aquifer or within one-half mile from where leaks from the tank or associated underground piping would migrate toward an aquifer beginning January 1, 2040.
- (3) Create a new definition for "fuel storage tanks" etc.

S342L- Permits for underground fuel storage tanks over an aquifer or within one-half mile from where leaks from the tank or associated underground piping would migrate toward the aquifer prohibited.

- (a) Beginning July 1, 2022, the department shall not issue a permit for a new underground fuel storage tank over an aquifer or within one-half mile from where leaks from the tank or associated underground piping would migrate toward the aquifer. However, a permit may be issued by the department for purposes of repairing an existing underground tank but its permit will still expire on January 1, 2040.
- (b) Beginning January 1, 2040, no person shall operate an underground fuel tank over an aquifer or within one-half mile from where leaks from the tank or associated underground piping would migrate toward the aquifer, nor shall a permit for an underground fuel storage tank be issued or renewed.
- (c) As used .....etc.

Please PASS SB2172 with the above amendments. Mahalo nui!

Judith Suzurikawa



**SB-2172**

Submitted on: 1/24/2022 1:16:35 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Robin Chapin	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments. Mahalo nui!

Robin Chapin

**SB-2172**

Submitted on: 1/25/2022 1:10:19 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Evelyn Aczon Hao	Individual	Support	No

Comments:

With amendments, I support this bill because it recognizes the irreplaceability of clean, pure water for the continuation of life --human and otherwise-- on this earth. It strives to protect our water from contamination by fuel.

We urge the following amendments which focus on needed specifics: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) changing the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments.

**SB-2172**

Submitted on: 1/25/2022 4:07:56 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Ashley Nishihara	Individual	Comments	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I do NOT support this bill as it is currently written. I've copied and pasted most of the Sierra Club amendments below, which I DO mostly support, but have made my own adjustments. I have also put my personal comments below.

—

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year (2022).

Please PASS SB2172 with the above amendments.

—

My personal comments:

Who actually WROTE SB2172? Was it one of the introducers, or was it Noa Klein from DOH (\*coughcough\* I'm looking at you, Bill 2774 amendment by DOH, which would have not only kept Red Hill operational but would also have made it possible to create other "Red Hills" throughout our neighbor islands?) I am so sick of this BS. Did you think that we wouldn't actually READ what is in this bill? So, to break it down for the layman and translate this garbage:

"Prohibits issuance of future underground fuel storage tanks within one-half mile of an aquifer beginning July 1, 2022."

Translation: After July 1, 2022, nobody can make new tanks within one-half mile of an aquifer.

"Prohibits operation of and renewal of underground fuel storage tank permits located within one-half mile from an aquifer beginning January 1, 2050."

Translation: PSYCHE! The Navy can close Red Hill down twenty-eight YEARS from now, and during those twenty-eight years they can have free reign to do whatever the hell they want and put the fuel right back over our drinking water aquifer. Oh, but don't worry, they'll make sure that the tanks won't leak THIS time. The Navy has a contract with GTT to make fancy new tanks, but if that falls through, they'll just patch up the holes on those eighty-year-old decrepit tanks with epoxy (nail polish)! You can definitely TRUST the Navy to competently and efficiently do this with 100% transparency, because they're SUPER smart and trustworthy and have NEVER made any mistakes which have endangered the lives of thousands of people before! :D

In conclusion: Stop fooling around already. Remove the fuel. Don't EVER let it come back. If that's not being realistic, then construct ABOVE GROUND storage tanks, far away from our aquifers. Other places on the mainland have already done this, this is nothing new, and there is no reason to cite Oahu as being "unique" and "different" in this regard. The same CAN be done here, I don't care what the Navy says. And this "national security" excuse doesn't work. EVERYBODY knows where the current facility is and could easily blow it up/cause a catastrophic fuel release, rendering the island uninhabitable. ALSO, this "too expensive" garbage doesn't work. The Navy has trillions of dollars in their budget. ALSO ALSO, the "we have no room" excuse doesn't work. The Navy conveniently has many locations NOT over an aquifer that it already occupies, such as Waipio Peninsula, Ford Island, Kalaheo, Mokapu Point, Hickam Field, and Makalapa Crater Military Housing. So, get moving!

I rest my case. SHUT DOWN RED HILL! No ifs, ands, or BUTS!

-Ashley Nishihara

**SB-2172**

Submitted on: 1/24/2022 1:31:08 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
cheryl B.	Individual	Support	No

Comments:

I support this bill. Our island aquifers are integral to our survival for future generations. A comment would be is a 1/2 mile a sufficient distance to protect us and who will be monitoring this?To date, we have not seen consistent oversight of the military on many issues. The sooner, the better to fix and hold All people accountable for the safety of our water.

**SB-2172**

Submitted on: 1/25/2022 4:18:43 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
bryant de Groot	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

*Bryant de Groot*

*aloha Ä• ina*

**SB-2172**

Submitted on: 1/25/2022 5:17:27 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Ashima Crickenberger	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

*Ashima Crickenberger*

**SB-2172**

Submitted on: 1/24/2022 1:48:04 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Lisa Engebretsen	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Lisa E. Engebretsen



**SB-2172**

Submitted on: 1/25/2022 6:17:51 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Nara Takakawa	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by:

- 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;
- 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and
- 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

The recent jet fuel leaks into the military's water system has demonstrated that the Navy cannot be trusted to protect our water supply. We must do it ourselves.

Please **PASS** SB2172 with the above amendments.

Thank you,

Nara Takakawa  
Moanalua, Hawai'i

**SB-2172**

Submitted on: 1/25/2022 7:30:41 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Halie Pruitt	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations. We, and our children, deserve to live in a world where there will always access to clean, drinkable water that comes from the land*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

*H.R. Pruitt*

**SB-2172**

Submitted on: 1/25/2022 7:58:48 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Nathan Yuen	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our aquifers from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments. Mahalo nui!

**SB-2172**

Submitted on: 1/25/2022 8:04:28 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Amy Kelley	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of Senate Health and Agriculture and Environment Committees,

I am a resident of East Honolulu, and I have worked as an environmental engineering consultant for over 20 years. **I support with amendments SB2172.**

I have conducted hundreds of environmental site assessments (ESAs) on the mainland. Underground storage tanks (USTs) were always a major concern during these ESAs. Older, single-walled containers more often than not corroded and leaked, causing significant environmental damage. If a single-walled UST was found during the ESA, it was assumed that it had leaked, and testing was conducted to determine the extent of the damage before removing the tank or filling it with concrete and closing it in place.

It is with this first-hand knowledge of leaking USTs that I became deeply concerned about the Navy's single-walled fuel storage tanks sitting on top of the aquifer that supplies water to me and so many of my fellow Oahu neighbors and residents. For the past three years, I have sent letters to Hawaii's Congressional Delegation expressing my concern regarding these tanks. All my letters and those of my fellow concerned citizens fell on deaf ears. It is deeply troubling that they waited until people were poisoned by fuel leaking into their water supply before expressing outrage at this situation. We are counting on you to do the right thing by passing SB2172 with amendments.

As an environmental consultant, we often conduct risk assessments for our clients to help determine whether an action should be taken. The assessments use a probability scale ranging from low to high and impacts ranging from minor to catastrophic. If we allow the Navy to continue its use of the Red Hill fuel tanks, we are looking at a high probability of a catastrophic impact – a situation that would be much worse than what we have already experienced. It is simply unjustifiable that these fuel tanks are allowed to continue operating above our drinking water supplies. The Navy has replaced similar tanks with aboveground tanks in other areas; the same must be done in Hawai'i.

Please amend SB2172 by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending

the proposed new definition of “underground fuel storage tank” to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments.

Mahalo nui,

Amy Kelley, Honolulu, 96821

Jeannette Hereniko

1139 Waimanu Street, Apt 3602

Honolulu, Hawai'i 96814

January 24, 2022

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees:

I am writing you in **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' precious water from fuel contamination. MAHALO for recognizing that our lives depend on our water and we must protect our islands' source of life for our survival.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Our lives depend on protecting our water, and your action is paramount to making this happen.

Mahalo nui!

Jeannette Hereniko

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**SB-2172**

Submitted on: 1/25/2022 8:03:53 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Rik Masterson	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Aloha!

Rik Masterson

Hilo



**SB-2172**

Submitted on: 1/25/2022 8:18:48 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lexi Huang	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Lexi Huang

**SB-2172**

Submitted on: 1/24/2022 2:08:20 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
kaira resch	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS SB2172***, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo nui!*

*Kaira Resch*

**SB-2172**

Submitted on: 1/25/2022 8:24:21 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Gerardo Gonzalez	Individual	Support	No

Comments:

**I am in full support of this bill. I think this is a great step towards ensuring that Hawaii's water is safe and clean. The people of Oahu and overall Hawaii rely heavily on groundwater and aquifers for clean water. We should not risk contaminating our water when it very well could be avoided. We have already seen and are still dealing with all of the negative effects from the heavily mishandled situation with the Red Hill fuel storage tanks, so I believe that with this bill and the preventative measures it puts in place, it will help us prevent and avoid other instances like Red Hill from happening in the future. Passing this bill would have enormous benefits and would be a great advancement in protecting our precious freshwater resource.**

**SB-2172**

Submitted on: 1/25/2022 8:38:34 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Chase Livingston	Individual	Support	No

Comments:

Aloha Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

My name is Chase Livingston and I am a lifelong resident who, like you, is fully dependent on the clean water that flows from our aquifers. Water that is threatened by the Red Hill fuel tanks. This is not a matter of "choice" or "want" or "desire." This is a matter of preserving life as we know it. As such, I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui loa and may your consciences guide your hand.

Chase Livingston

**SB-2172**

Submitted on: 1/25/2022 8:45:36 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Irene Zane	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, and members of the Health and Agriculture and Environment Committees,

Thank you for this opportunity to give public input.

My name is Irene Zane. I was born and raised on Oahu and lived all my life in Honolulu. I drink tap water straight from my kitchen facet, without giving it a second thought. Until now. Now, I am very worried about the very real possibility of my drinking water being contaminated from fuel stored in WWII underground tanks located above the aquifer that is the source of my drinking water...and the source of drinking water for everyone living and working on Oahu, especially in Honolulu.

I STRONGLY SUPPORT SB2172 with amendments.

Respectfully, Irene Zane

**SB-2172**

Submitted on: 1/25/2022 9:08:51 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Michael Fraser	Individual	Support	No

Comments:

Hawaii's water is too important to not have something in place to protect it. I don't see the bill as unreasonable. We are on an island. Once that source is gone, it's over for the natural resources of the island. I support this bill for a better tomorrow.

**SB-2172**

Submitted on: 1/25/2022 9:13:16 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Madelyne Harding	Individual	Support	No

Comments:

The impliment of the fuel tanks was done without respect to those living on the island due to their placement above one of the islands few freshwater souces. The lack of maintance on the tanks shows the lack of importance/ regard for the communities using the water source. The refusal of taking responsibility until it was demanded by the general public is sickening and not without conswquences of health to the general public. The tanks should be drained, removed and a clear line of communication to the public on everything that happened involving the tanks as the health of the individuals, communities, and ecosystems were endangered.

**SB-2172**

Submitted on: 1/25/2022 9:13:10 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Greg Puppione	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS SB2172***, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo nui!*



**SB-2172**

Submitted on: 1/24/2022 2:19:19 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Ariana Datta	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

**SB-2172**

Submitted on: 1/25/2022 9:22:45 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Marianna	Individual	Support	No

Comments:

I am in support of this going through.

**SB-2172**

Submitted on: 1/25/2022 9:37:53 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kahala Johnson	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

In addition, while this bill is an important step, we need policy that removes the fuel storage structures at Red Hill to protect the long-term health of Hawaiians and other residents on Oahu. The root of this problem is the U.S. military and occupation, without confronting that issue these disasters are guaranteed to reoccur in the future.

Please PASS SB2172 with the above amendments. Mahalo nui!

Kahala Johnson

**SB 2172 RELATING TO UNDERGROUND FUEL STORAGE TANKS**  
**January 26, 2022, 1:10pm via video conference**

Aloha e Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS SB2172**

As a member of a kalo farming ohana, wai, water, clean sourced, from the ground and the clouds is the most precious resource we have to feed and support our families and our way of life. I am from Oahu, and the threat and incidences of leaks and contamination from underground storage tanks to Our groundwater has been going on my entire life. My *entire* life. Underground storage tanks have been a danger to the island's watershed, our drinking water, our springs, and our intertidal waters for my entire 41-years.

Please do not pass this urgent and serious issue on to our keiki and our moopuna.

This might be the most enduring thing, as elected officials, you do for the security of our culture and quality of living in Hawaii. You have the rare opportunity to stop a constant, enduring and proven threat to the one clean source of ground water on our island.

- Please **PASS** SB2172 with the below amendments. Mahalo nui!

**Please amend this measure** by:

- 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;
- 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and
- 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Me ka ha'aha'a,

Dominique Leu Cordy

**SB-2172**

Submitted on: 1/24/2022 2:38:30 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Charles Prentiss	Individual	Support	No

Comments:

Fully support. Critical to preserving our precious aquifer.

**SB-2172**

Submitted on: 1/25/2022 8:56:44 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Risa Yamamoto	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

*[Risa Yamamoto]*

**SB-2172**

Submitted on: 1/25/2022 8:32:29 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
DIANE CHOY FUJIMURA	Individual	Support	No

Comments:

I support with amendments SB 2172 which seeks to protect our islands' pure source of WATER from fuel contamination emanating from Red Hill. For the sake of all Hawaii's people, the 'aina and for future generations, I urge the passing of SB 2172 WITH AMENDMENTS. I remember very clearly my father taking us (me and my sister and brother, we were about 10 years old and younger) on the small cable car into the Halawa shaft. That was my first exposure and understanding of the aquifer that we have been blessed with all these generations, the precious gift of water. Water that TASTED GOOD!!! I've taken it for granted all the ensuing years, until the the Red Hill debacle and the Navy's derelection of their responsibilities came to light. Fuel in our water?! Shameful. Unacceptable. The Navy has relinquished it's right to control the Red Hill fuel storage tanks. It's an obscene situation, a clearly outdated and failing system that cannot be fixed. Do your duty to protect our irreplaceable aquifer and protect us all!

PASS SB 2172 with the following amendments: Mahalo! OLA I KA WAI!!!!

- 1) remove reference to the Red Hill Bulok Fuel storage Facility in the preamble, to avoid potential FEDERAL preemption challenges
- 2) Amend the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons
- 3) Ensure that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, 2022, for a facility located mauka of the underground injection control line.

**SB-2172**

Submitted on: 1/25/2022 8:08:10 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Ivy Ammerman	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

Ivy Ammerman



**SB-2172**

Submitted on: 1/24/2022 2:46:30 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Shinae Lee	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

*Shinae Lee*

**SB-2172**

Submitted on: 1/25/2022 4:56:39 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
paige	Individual	Support	No

Comments:

I support SB2172 with amendements to shut down the Red Hill fuel tanks and the entire military facility. It is damaging to Indigenous land and people. The military does not have any right to be polluting and occupying Red Hill land.

**SB-2172**

Submitted on: 1/24/2022 3:05:42 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
GWEN YOUNG	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS SB2172***, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo nui!  
Gwen Young*

**SB-2172**

Submitted on: 1/25/2022 3:45:36 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lynda Nishihara	Individual	Comments	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments.

The above is taken from a statement from Sierra Club which I fully support. However, the section of the bill allowing use of the underground fuel tanks until 2050 clearly is leaving the door open for the Navy to carry on as it was before the Red Hill shaft contamination. Did DOH write this bill? Does no one in government understand that these underground fuel tanks should be shut down permanently and that no fuel tanks should be located near or above our aquifer?

Please do the right thing and shut down Red Hill for good.

Thank you,

Lynda Nishihara



**SB-2172**

Submitted on: 1/25/2022 12:16:36 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Sophia Daniel	Individual	Support	No

Comments:

Aloha,

I hope all is well. I am Sophia Daniel, a second year student and Ecology Club President at KCC. Water is a precious natural resource and Hawai'i's water is known to be the cleanest water in the world while underground fuel tanks can and have leaked and contaminated the water many residents rely on. Water contamination in Red Hill or in any area on any island cannot happen again for the health, safety and wellbeing of people in Hawai'i as well as for other living species. Underground fuel tanks also need to be monitored on a weekly or monthly basis and transparency from the parties in charge of monitoring the tanks with the public is key, so people are aware when the water is safe or unsafe to use and consume.

Thank you for your time and consideration.

Sincerely,

Sophia Daniel

**SB-2172**

Submitted on: 1/24/2022 10:20:08 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Noel Shaw	Individual	Support	No

Comments:

*Aloha Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments.*

*Mahalo nui and please know how deeply these decisions impact our future generation who will call Hawai'i home.*

*Mā• Iama Pono,*

*Noel*

**SB-2172**

Submitted on: 1/24/2022 3:18:41 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Denise Boisvert	Individual	Support	No

Comments:

Dear Senators of the Senate Health and Agriculture and Environment Committees,

No one wants a water crisis anywhere in Hawai'i – and especially one that would be as devastating and infamous as the Exxon Valdez, Deepwater Horizon, and Flint, MI catastrophic disasters. If the strongest possible legislation is not enacted now to ensure the safety of our aquifers, O'ahu's reputation may join some very bad company!

Please consider the following amendments to strengthen SB2172 and its ability, once passed, to stand up against legal and other challenges...and the test of time:

- 1) remove the reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;
- 2) amend the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and
- 3) ensure that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Sincerely,

Denise Boisvert

Waikiki



**SB-2172**

Submitted on: 1/24/2022 9:52:58 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kristin Clark	Individual	Support	No

Comments:

Aloha Chair Keolokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees:

I write to you today in support, with amendments, of SB2172. This bill will help protect our island's major water supply from fuel contamination. As you know, our water is a precious resource. From small kid time, we were often scolded for wasting water. In our culture, our kupuna treated water the utmost respect and value. It is our kuleana to protect it with our lives. We live on an island and we are acutely aware of the limited resources we have. What happens when there is no water? Right now, we are having a taste of what that might look like.

While we still can, let us pass this measure so our water supply is protected. But before we do, I respectfully ask that the measure be amended in three ways:

- 1) Remove the reference to "Red Hill Bulk Fuel Storage Facility in the preamble. This is in order to avoid potential federal preemptive challenges.
- 2) Amend the proposed new definition of "underground storage tank" to apply to all facilities with field constructed tanks or with a capacity over 100,000 gallons.
- 3) Ensure that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of the year, for a facility located mauka of the underground injection control line.

Now is the time to speak firmly and send a strong message: O'ahu's water is precious and worth fighting for. Please pass SB 2172 with the above amendments. It is the only way to ensure that our water supply stays safe now and in the future. Mahalo Nui.

Kristin Clark

Kaimuki Resident

**SB-2172**

Submitted on: 1/24/2022 9:01:48 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Joan Pan	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

Thank you for taking my testimony. I **support with amendments** SB2172 which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by:

1. Removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;
2. Amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and
3. Ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments.

Thank you.

**SB-2172**

Submitted on: 1/24/2022 8:08:27 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Dylan Ramos	Individual	Support	No

Comments:

Aloha Chair Gabbard, Chair Keohokalole, Vice Chair Nishihara, Vice Chair Baker, and members of the Senate Health and Agriculture and Environment Committees,

Mahalo for taking up SB2172. I'll keep this short and simple because the problem and solution are clear: I **support this bill, with amendments**, because we must protect our water, now and forever.

There are three simple yet powerful amendments that I hope you incorporate into this bill, each of which have already been suggested by many individuals and organizations working hard on this most pressing issue. Please amend this bill by:

1. removing reference to the Red Hill Bulk Fuel Storage Facility from the preamble to avoid federal preemption challenges;
2. amending the proposed definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and
3. ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Again, thank you very much for this effort and doing all that you can to rectify this decades-long issue.

Mahalo,  
Dylan Ramos  
Honolulu, HI 96816

**SB-2172**

Submitted on: 1/24/2022 7:44:41 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
ford potter	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

*Ford Potter*

**SB-2172**

Submitted on: 1/24/2022 4:37:04 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
tlaloc tokuda	Individual	Support	No

Comments:

I am a member of Life of the Land and on the Red Hill Navy debacle I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments. Mahalo nui!

Mahalo for your consideration,

Tlaloc Tokuda, Kailua Kona, HI 96740

(I lived on Oahu for many years during the 70'-80')

**SB-2172**

Submitted on: 1/24/2022 4:01:29 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Laura Ramirez	Individual	Support	No

Comments:

Aloha Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our water from fuel contamination. Our water is the most precious resource we have and we all depend upon it. We all have a kuleana to protect this source of life for all people, animals, and plants as we are connected to the 'aina. We cannot risk any further contamination. This spill has already spread to the ocean via flushing and we don't even know the extent of lasting damage in the aquifer and in the bodies of the men, women, and children poisoned.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments.

Mahalo,

Laura Ramirez and the Bettencourt family

**SB-2172**

Submitted on: 1/24/2022 3:51:37 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Susan J. Wurtzburg	Individual	Support	No

Comments:

Dear Chairs, Vice-Chairs, and Members of the Senate Health and Agriculture and Environment Committees,

I support SB 2172 (relating to underground fuel and storage tanks).

I am highly concerned about the current Red Hill situation, which is untenable, and has the potential to destroy completely our island's liveability. This situation is dire because of the U.S. Navy's delays in dealing with the ongoing decay of these aged facilities.

I would like to see (a) the tanks drained, and (b) the tanks never re-filled. The U.S. Navy needs to apply to the state for new locations for their fuel tanks, and these locations cannot be located over the aquifer.

Mahalo,

Susan J. Wurtzburg

\* \* \*

Dr. Susan J. Wurtzburg

Kailua, HI





**SB-2172**

Submitted on: 1/25/2022 10:39:35 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kiana Otsuka	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I am writing in **support of of SB2172 with amendments**, to assure that this bill protects our islands' most precious resource from fuel contamination.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

As a resident of Moanalua, I strongly support shutting down Red Hill fuel tanks and avoiding any future fuel tanks elsewhere. 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. 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. 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. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please **PASS** SB2172 with the above **amendments**. Mahalo nui!

Kiana Otsuka

**SB-2172**

Submitted on: 1/25/2022 9:45:00 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Hannah Hartmann	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Hannah Hartmann

**SB-2172**

Submitted on: 1/25/2022 9:53:10 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Lorna Holmes	Individual	Support	No

Comments:

*Aloha Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees, The Navy should be treating the Red Hill fuel tank issue as the emergency that it is, and permanently removing the fuel from above our aquifer without further foot-dragging. **I SUPPORT WITH AMENDMENTS SB2172**, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo nui!*

RE: SB2172  
25 January 2022

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

Mahalo piha for allowing space for concerned residents and community members to submit our testimonies in regards to SB2172.

**I SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Thank you again for taking the time to review testimony on this matter.

Me ka haahaa,

Puakea Mo'okini-Oliveira

**SB-2172**

Submitted on: 1/25/2022 10:01:40 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Marion Ano	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Marion Ano, I am a resident of Hawai'i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

It is imperative that we protect ALL life in our Islands through the protection of our water resources. As a child, I got to visit the aquifer when I was in Elementary School and seeing the water table below has been one of the most impactful moments of my life. That single experience has taught me that without clean freshwater, we have no foundation upon which life can exist and build.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

me ka mahalo nui,

Marion Ano

**SB-2172**

Submitted on: 1/25/2022 10:01:44 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jacob Vasquez	Individual	Support	No

Comments:

It has been extremely evident that the implementation of underground fuel tanks have a significant impact to the ground water that provides drinking water to the communities across the island. To continue implementing these underground fuel storage tanks is a threat to all individuals human right to clean drinking water. I want to feel safe when feeling up my cup of water to drink or take a shower, or brush my teeth, or cook food, or fill up my dogs water bowl, the list goes on for basic day to day actions that are necessary. These necessary actions are being threatened and can the threat can be simply avoided. Please allow me to live without an added stress of drinking a cup of water that can give me cancer later in my life.

**SB-2172**

Submitted on: 1/25/2022 10:08:24 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Leanne Fox	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui! Dr. Leanne Kealoha Fox

**SB-2172**

Submitted on: 1/25/2022 10:12:18 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Paul Bernstein	Individual	Support	No

Comments:

Aloha Chair Keohokalole, Vice-Chair Baker, Chair, Chair Gabbard, and Vice-Chair Nishihar:

Mahalo for hearing this very important bill. Clearly an important step to avoiding the next Red Hill disaster is to locate any fuel tanks far from our aquifers. Therefore, I jstrongly support SB 2172.

Kind regards,

Paul Bernstein



**SB-2172**

Submitted on: 1/25/2022 10:13:01 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Ku'ulei Keakealani	Individual	Support	No

**Comments:**

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Ku'ulei Keakealani, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.













**SB-2172**

Submitted on: 1/25/2022 10:15:48 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Steven Leong	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Steven K. Leong, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.



**SB-2172**

Submitted on: 1/25/2022 10:16:28 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Ryten Chu	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Ryten Chu, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 10:16:42 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lauren Jagla	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Lauren Jagla, I am a resident of Hawai'i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 10:17:26 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Sam Ikehara	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

My name is Sam Ikehara and I was born and raised on O'ahu. I have received my drinking water from wells at Halawa aquifer my entire life. The ongoing catastrophe at the Red Hill bulk fuel storage facility has been infuriating and completely inexcusable. The Navy's reckless endangerment of all life on O'ahu, including their own families, has been shameful. They have proven time and again that they cannot be trusted at all, especially with something as crucial as the water of O'ahu. For this reason, I am in strong support of SB2172 WITH AMENDMENTS. I am grateful that this bill, which seeks to protect our islands' most precious resource from fuel contamination, is being discussed.

**Please amend this measure** by:

- 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;
- 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and
- 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Mahalo nui,

Sam Ikehara

**SB-2172**

Submitted on: 1/25/2022 10:25:55 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
kapono	Individual	Support	No

Comments:

As a Hawaii resident and kanaka maoli I support SB2172 relating to underground fuel storage tanks. Our fresh water is a precious national resource that must be protected at all costs from contamination. This is THE national security issue and the Navy's Red Hill fuel storage bunker is a clear reason that this should NEVER be repeated anywhere in our Hawai'i. Mahalo for submitting testimony. KS

**SB-2172**

Submitted on: 1/25/2022 10:26:01 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lori Silva	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Lora Silva; I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to protect our precious freshwater resources better by permitting underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts on the health of our community as well as on Hawai'i's economy.

SB2172 would help ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 10:27:07 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Ronald Gerard	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Ronald Gerard, I am a resident of Kapolei, O'ahu. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to large portion of O'ahu residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community and to our economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated anywhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

--Ronald Gerard

**SB-2172**

Submitted on: 1/25/2022 10:28:09 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Naomi Tachera	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Naomi Tachera, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 10:33:33 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Naomi Manuel	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Naomi Manuel. I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer is unacceptable and has already created devastating long-term impacts on the health of our community as well as to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.



**SB-2172**

Submitted on: 1/25/2022 10:35:47 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Veronica Gibson	Individual	Support	No

Comments:

Aloha kākou Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Veronica Gibson, I am a resident of Hawai'i and a PhD candidate studying the connectivity between groundwater and Hawai'i's nearshore reef ecosystems. I **STRONGLY SUPPORT** SB2172, which will better protect our precious freshwater resources, and, subsequently, our marine resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer. My work focuses on the pollution of groundwater and connectivity between ground water and the nearshore ecosystem. I ask that you keep in mind that the negative impacts of underground fuel storage goes beyond the obvious threats to human health and fresh water resources, as groundwater is also a pathway for pollutants to enter our nearshore systems.

I am deeply concerned about the current crisis at Pu'uloa caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents, and concerned about the impacts on both the subterranean ecosystems that occur within our aquifer and the groundwater dependent ecosystems occurring along our shorelines. The damage to the Moanalua-Waimalu groundwater aquifer may already result in devastating long-term impacts to the health of our community and economy, and has likely already impacted some ecosystems. It is clear at this time that our state is not equipt to prevent even sewage pollution from entering our groundwater and nearshore ecosystems, so we should have no notion that our permitting and regulations are equipt to prevent the more dangerous and pervasive fuel pollution we have seen at Pu'uloa.

Do not forget our water code here in Hawai'i and the public trust doctrine described by the Hawai'i Supreme Court that you have the authority and kuleana to uphold, "the right of the people to have the waters protected for their use [which] demands adequate provision for traditional and customary Hawaiian rights, wildlife, maintenance of ecological balance and scenic beauty, and the preservation and enhancement of the waters."

SB2172 is necessary to prevent situations like we see today in Pu'uloa at Navy's Red Hill Bulk Fuel Storage Facility elsewhere in Hawai'i.

I implore you to PASS SB2172, protect our fresh water for the people and the systems which rely on it, and the systems which we rely on for life. Mahalo for this opportunity to testify on this measure.

MS Veronica Gibson

**SB-2172**

Submitted on: 1/25/2022 10:35:53 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Casey Nakamura	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

My name is Casey Nakamura, I was born and raised on the island of Hawai'i and lived on the island of O'ahu for 8 years. I support SB2172, with ammendments, which seeks to protect the islands' water (wai) which is our most invaluable resource. My hope is that our islands' water source is never to be further threatened by contamination of fuel (or any other toxins) by preventing installation of future storage tanks that pose a risk, in addition to the immediate removal of the Red Hill tanks. Water is the most precious resource to all people and everyone has the right to the access of clean water. It is our responsibility to ensure this to future generations and to Hawai'i's fragile ecosystem which requires clean water to sustain life.

As we have seen throughout Hawai'i's post-colonial history, there has been a deep mishandling of natural resources and we need to take all measures to ensure that we protect those resources. For the betterment of the land and its people. We must ensure the prevention of any further poisoning of both land and people. Water is a right. Clean water is a right.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please pass SB2172 with the above amendments!

Sincerely,

Casey Nakamura

**SB-2172**

Submitted on: 1/25/2022 10:36:19 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Ashley Ostendorf	Individual	Support	No

Comments:

This bill is vitally important for protecting O'ahu's watersheds. Water is the foundation of all life, and access to healthy, uncompromised water is a basic human right. Bills such as this that are designed to keep our drinking water safe are vitally necessary to ensure that life as we know it on this island can continue into the future.

The Red Hill crisis is a perfect example of exactly what we stand to lose if we do not take these absolutely imperative measures to protect our watersheds. Jet fuel exposure has long been linked to many neurological issues in both the short and long term, and can well be expected to cause early death and neurological development issues in children as well as birth defects. Pollution of an aquifer damages not only human health, but environmental health as well. Not only are we seeing and will we continue to see countless children born with birth defects and an epidemic of older adults with terminal illnesses, we will invariably see a major collapse in the health of all affected aquatic ecosystems.

Beyond the obvious health, human rights and ecological implications of this impending and continuing crisis, the financial toll will be extreme. The amount of money spent on bioremediation, mitigation and purification plants needed to clean up water before it is consumed by the public or used for irrigation is far greater than the costs of prevention, and must be thoroughly considered as the basis of this bill. We have to take into account fiscal responsibility, and unless we are willing to sacrifice thousands of lives needlessly and the preservation of Hawaii's precious watershed ecosystems and reefs, we need to seriously look at the financial implications of restoration v. prevention. This simple bill solves all of these issues, save the current Red Hill crisis, by banning the construction of future fuel tanks on O'ahu. This is absolutely necessary to ensure that the human rights catastrophe of Red Hill is never repeated again.

Thank you for taking the time to read this testimony, and may rationality and fairness guide all decisions you make.

**SB-2172**

Submitted on: 1/25/2022 10:37:04 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Larry Alfrey	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Larry Alfrey. I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 10:37:04 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Tadia Rice	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Tadia Rice, I am a resident of Hawai'i and live and work on Oahu. I STRONGLY SUPPORT SB2172 because it will better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy. SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated anywhere else in the beautiful Hawai'i islands we call home.

Please PASS SB2172.

Mahalo for this opportunity to testify on this measure.

Tadia Rice

322 Aoloa Street

Kailua, HI 96734

**SB-2172**

Submitted on: 1/25/2022 10:39:02 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Robert Luco	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees, my name is Robert Luco, I am a resident of Hawai'i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 10:39:03 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Danielle	Individual	Support	No

**Comments:**

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Danielle Figueroa, I am a resident of Hawai‘i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy’s antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O‘ahu’s residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai‘i’s economy.

SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.







**SB-2172**

Submitted on: 1/25/2022 10:41:14 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Nancy Marker	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees:

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect water, our islands' most precious resource, from fuel contamination. For many years our residents have had serious concerns due to the aging underground storage tanks and their leaks. Their deterioration has resulted in this current disaster for families and neighborhoods. Left in place, under these conditions, the tank's contents will leak into our aquifer, threatening everyone on the island.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Our water is precious and we all have a duty to protect our islands' source of life for present and future generations

Please **PASS** SB2172 with the above amendments. Thank you for considering this testimony on our great health concern.

Sincerely

Nancy Marker

**SB-2172**

Submitted on: 1/25/2022 10:54:07 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Linda Rich	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Linda Rich, I am a resident of Oahu, Hawaii. I **STRONGLY SUPPORT** SB2172, which helps to protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer. Water is Life. We cannot allow further contamination of our fresh water supply.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

The US Navy has repeatedly demonstrated that they cannot prevent leaks and that they cannot be relied upon to put our citizens' health above their military strategic interests. The long history of seepage and leaks proves that it is up to you to protect our water.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 11:05:46 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lehua Itokazu	Individual	Support	No

Comments:

January 25, 2022

Testimony for SB2172 with Amendments

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Lehua Itokazu, I am a Native Hawaiian, a mother, and I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

Aloha

**SB-2172**

Submitted on: 1/25/2022 11:06:46 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lei Kihoi	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Lei Kihoi I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 11:06:16 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Sanford Yee	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Sanford Yee. I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 11:07:46 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Sherry Hester	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture Environment Committees,

I am in **strong support of SB2172**, which will attempt to protect our precious water resources in Hawai'i . This bill will provide the people of Hawaii another measure in which to conserve and protect our natural resources for the continued health and well-being of both residents and visitors.

Already, we have seen the grave outcomes of leakage from the Navy's Red Hill Bulk Fuel Storage Facility and the lack of concern from the Navy to promptly address ongoing deterioration issues. I am grateful to have the opportunity to submit this testimony in support of SB2172 and desire that it should be passed.

Best Regards,

Sherry Hester



**SB-2172**

Submitted on: 1/25/2022 11:17:14 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Keiko Gonzalez	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Keiko Gonzalez and I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 11:21:26 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lei Tata	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is LEI TATA, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 11:22:23 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jann-Marie Taliulu	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Jann-Marie Taliulu, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 11:36:09 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kaleo Boi Kia	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS SB2172***, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo nui!*

*Kaleo Boi Kia*

**SB-2172**

Submitted on: 1/25/2022 11:39:21 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
bob ernst	Individual	Support	No

Comments:

**TESTIMONY ON SB2172**

Aloha Senate Committee on Health

Aloha Chair Keohokalole, Vice Chair Baker, and Committee Members Moriwaki, San Buenaventura, and Fevella,

Aloha Senate Committee on Agriculture and Environment

Aloha Chair Gabbard, Vice Chair Nishihara and Committee Members Acasio, Rhoads and Fevella,

It is beyond common sense that a fuel farm not be located above an aquifer.

For 70 years the Red Hill debacle can has been kicked down the well.

It is long past time for closing Red Hill and also prevent any fuel storage to be prohibited from impacting our precious Hawaii aquifers.

It is also military suicide to rely on a fuel farm that our enemies can target with missiles as China, Russia and North Korea have already probably done by aiming their missiles right at Red Hill.

The Navy has an Oiler branch that is responsible for fueling and supplying Navy ships all over the world and they can use that Oiler branch to fuel and supply Pearl Harbor ships, to protect the aquifer and the oiler fleet from enemy attack.

<https://www.google.com/search?q=us+navy+oiler+fleet&oq=us+navy+oiler+fleet&aqs=chrome..69i57j0i22i30.8850j0j7&sourceid=chrome&ie=UTF-8>

I commend you for taking this needed and important action to leave no doubt that Red Hill should be closed and retired.

I say this as a Viet Nam era veteran that served on the Iron Curtain in Germany and directly observed East Zone dictators and Communism and therefore believe in a strong American military so our kids and grandkids do not have to learn how to speak Russian, Chinese and/or the language of some other conqueror.

Mahalo for protecting our precious and important Hawaii aquifers,

Bob Ernst

**SB-2172**

Submitted on: 1/25/2022 11:40:08 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Sharde Freitas	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS SB2172**, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments. Mahalo nui!

**SB-2172**

Submitted on: 1/25/2022 11:42:32 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kawena Lei Apao	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Kawena Lei Apao, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.



**SB-2172**

Submitted on: 1/25/2022 11:42:43 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
lynne matusow	Individual	Support	No

Comments:

Imua!!! I am in full support of this bill. To bad it did not happen several years ago. SNAFU (formerly known as the Navy) cannot be trusted. They lie. Constantly change their story on the horrible oil pullution thanks to not caring about our aquifer or our health, and fall back on national security, which does not apply in this situation. Whenever I think it can't get worse, there is another news story. Today's (Tues., Jan. 25) Star-Advertiser banner page 1 headline, "Navy to withhold full Red Hill report." There is no transparency. Every day that passes without their draining and removing the tanks is another day our lives are in peril. Baord of Water supply has shut some wells because it fears more contamination. Hit SNAFU, hit it hard and often. And move the date on page 3, line 1 from January 1, 2050 to a more imminent date, i.e., July 1, 2022. SNAFU is playing games with us, just like Putin is with Ukraine.

I live in downtown Honolulu. I do not want to be forced to move because of SNAFU's incompetence. This is my home and not SNAFU's to destroy.

**SB-2172**

Submitted on: 1/25/2022 11:51:41 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Karynne L C Morgan	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Karynne LC Morgan and I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 11:51:54 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Chablis Kekua	Individual	Support	No

Comments:

My name is \_\_\_Chablis N. Kekua\_\_\_, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 11:55:31 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Mykie E. Menor Ozoa-Aglugub	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments.

Thank you.

**SB-2172**

Submitted on: 1/25/2022 11:59:28 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Tate Keliioomaluu	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, members of the Health and Agriculture and Environment Committees,

My name is Tate Keli'ihoo'omaluu, I am a resident of Hawai'i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 12:07:53 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lance Genson Mahi La Pierre	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Lance Genson Mahi La Pierre, I am born of this land, Hawai'i, and I am a life-long resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172, I strongly support this bill. On behalf of my 'ohana ~ generations past and present, mahalo for this opportunity to testify on this measure.

Lance Genson Mahi La Pierre

**SB-2172**

Submitted on: 1/25/2022 12:09:18 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Valerie Weiss	Individual	Support	No

Comments:

Aloha

I do support this bill.

However, though each of our islands are space limited, I would have preferred a larger setback of more than just one half mile.

I thank you for getting this bill drawn up for us. We can never let this kind of contamination happen to our water sources again.

**SB-2172**

Submitted on: 1/25/2022 12:10:36 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Luukia Archer	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Lu'ukia Archer, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.



**SB-2172**

Submitted on: 1/25/2022 12:12:11 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Emma Mix	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT, WITH AMENDMENTS**, SB2172, which seeks to protect our islands' most precious resource from fuel contamination. No person should have to drink contaminated water, fear for their family's health, or be needlessly displaced by unsafe living conditions. No citizen's health and safety should be sacrificed for "national security," especially when our military's purpose is to protect its citizens. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments and protect the people of the State of Hawaii from further harm. Mahalo nui!

Emma J Mix

**SB-2172**

Submitted on: 1/25/2022 12:16:37 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
ANITA MAE K NAONE	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is ANITA MAE K. NAONE, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

MAHALO

ANITA MAE K. NAONE

**SB-2172**

Submitted on: 1/25/2022 12:23:46 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Anne Au	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Anne Au, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 12:24:43 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Julianna Davis	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

*Julianna Davis*

**SB-2172**

Submitted on: 1/25/2022 12:27:27 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Sarah J Mix	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

*Sarah J Mix*

**SB-2172**

Submitted on: 1/25/2022 12:35:17 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Frank Urena	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice-Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS SB2172**, which seeks to protect our islands' most natural resources from fuel contamination. Our water is precious, and we all have to protect our islands' source of life for present and future generations. Especially in times where the changes to global climate have accelerated, it is uncertain what the natural future of our aquifers is. We are a very isolated archipelago in the middle of a vast ocean. While we might be part of a big nation, there is no guarantee that our island will take priority in times of global crisis. Hawaii needs to protect Hawaii. We appreciate the presence of the military in our lands and their contributions to our local safety and economy. **However, this institution has the resources and responsibilities to find environmentally friendly alternatives to their fuel storage needs.**

**Please amend this measure** by 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank and that no underground fuel storage tank may operate after the end of this year, for a facility located mauka of the underground injection control line.

**Mahalo Nui!**

**Frank Urena**

**SB-2172**

Submitted on: 1/25/2022 12:37:23 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Andrea Woods	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Andrea Woods

**SB-2172**

Submitted on: 1/25/2022 12:40:57 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Alexis Mililani Liftee	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard; Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Alexis Mililani Liftee. I am a Native Hawaiian, born on the island of O'ahu, and resides in Honolulu.

I am in **strong support of** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am extremely concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer may result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172.

Mahalo for this opportunity to testify on this measure.



**SB-2172**

Submitted on: 1/25/2022 12:43:21 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Isis Usborne	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

*- Isis Usborne*

**SB-2172**

Submitted on: 1/25/2022 12:47:17 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kahalepuna Richardson-Naki	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Kahalepuna Richardson-Naki, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

JOINT HEARING OF THE SENATE COMMITTEES  
ON HEALTH AND AGRICULTURE & ENVIRONMENT

ATTN: CHAIRS JARRETT KEOHOKALOLE AND MIKE GABBARD  
& VICE ROSALYN H. BAKER AND CLARENCE K. NISHIHARA

Testimony in Strong Support of SB2172:  
Relating to Underground Fuel Storage Tanks

January 26, 2022, 1:10 p.m.  
Via Videoconference

Aloha Chairs, Vice Chairs, and Honorable Members of the Senate Committees on Health and Agriculture and Environment,

My name is Alexa Deike and I am testifying in **strong support of SB2172 with amendments**. I am a recent graduate of the William S. Richardson School of Law at the University of Hawai'i at Mānoa and a resident of Honolulu.

The recent contamination of O'ahu's most precious resource, groundwater, was a strong reminder that *ola i ka wai*, "water is life." I am grateful that the legislature is taking on this measure to enhance the protection of Hawai'i's aquifers. Underground fuel storage tanks above aquifers are a "metaphorical ticking timebomb" as hearing officer David D. Day has characterized the Red Hill Facility in the recent Decision and Order, Findings of Fact, and Conclusions of Law on December 27, 2021. (Docket No. 21-UST-EA-02)

The threat that Honolulu could become uninhabitable if fuel contamination reaches the Board of Water Supply's delivery system needs to be addressed immediately.

**Please amend** this measure by:

- (1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;
- (2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and
- (3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

I urge you to **pass SB2172 with the above amendments**.

Mahalo for your time and consideration,

Alexa Deike

**SB-2172**

Submitted on: 1/25/2022 12:49:56 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Raymond Miyashiro	Individual	Comments	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Raymond Miyashiro

615 Piikoi Street

Honolulu, HI 96814



**SB-2172**

Submitted on: 1/25/2022 12:51:50 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Shannon Oberle	Individual	Support	No

Comments:

Aloha Hawaii State Chair Keohokalole State Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, State Department of Health and The United States Military EIS Conferees,

My name is Shannon Oberle. I am a resident of Koolauloa, Oahu, Hawaii.

With respect for your roles as community advocates, I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

In addition, I STRONGLY OPPOSE lease extensions that degrade aquifers, important agricultural land and conservation land, specifically in regards to the current military leases in urban Honolulu, Kahuku, Kawaihoa, and Poamoho.

I am deeply concerned about the current water crisis caused by the Navy's Red Hill fuel storage tanks that have poisoned an urban Honolulu aquifer that provides drinking water to Oahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawaii.

The crux of the matter is the United States military has already left behind detrimental military waste in our environment. There needs to be an extensive exit plan of these leases that includes a large financial backing and grit to implement clean up. The responsibility of cleaning should not reside with the Hawaiian people.

Furthermore, it is vital to protect soil quality and life-sustaining water sources. With appreciation to reconsider the proposed military radar facility and waste storage in Kahuku, the EIS should consider existing methodology that designates important agricultural land on Oahu. See City & County Resolution 18-233. Yield water flow to

proposed Important Agricultural Land (AIL) on the North Shore of Oahu. The Kahuku lease site is too close to agricultural land, which has potential to feed our communities.

The people of urban Oahu need military waste clean up, too. The health and environmental risks associated with the existing leaky fuel storage located in Moanalua at Red Hill are very high.

Consider military expansion outside of the Hawaii. It is our home.

We value our natural resources here. **STRONGLY OPPOSE** military lease extensions.

In closing, please **PASS** SB2172. Mahalo for this opportunity to testify on this measure.

Me ke aloha,

Shannon Oberle

**SB-2172**

Submitted on: 1/25/2022 12:52:44 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Navin Tagore-Erwin	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

*I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.*

***Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

This legislation is not only necessary; it is also obvious. If you have to seriously consider whether the health of hundreds of thousands of residents and the health of this 'Āina could be seen as collateral damage for military operation, then you do not represent us.

Be pono. Protect our wai. Protect your people.

*Mahalo nui.*



**SB-2172**

Submitted on: 1/25/2022 12:54:59 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
M Iolani Castro	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Iolani Castro, I am a resident of Moanalua. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 12:57:03 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
jayna CRAVENS	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Jayna Cravens, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 1:00:19 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
narinee keni	Individual	Support	No

Comments:

Our water is precious and needs to be properly protected because it is being abused and cannot protect itself. I support the passing of this bill to help preserve Hawaii's natural water resources it will save us all lots of time and money in the long run if we protect it now and start to follow safe practices -narinee keni

**SB-2172**

Submitted on: 1/25/2022 1:00:58 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jason Mark Alexander	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Jason Mark Alexander

**SB-2172**

Submitted on: 1/25/2022 1:07:15 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
WANDA K ANAE-ONISHI	Individual	Support	No

Comments:

Dear Chairs, Vice Chairs and members of Health and Agriculture and Environment Committees, I am Wanda Anae-Onishi, resident of Oahu. I strongly support SB2172 to protect our precious water. I'm concerned about the fuel storage tanks at Red Hill contaminating our ecosystem. Please pass SB2172. Mahalo for the opportunity to testify.

**SB-2172**

Submitted on: 1/25/2022 1:04:24 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Kahiau Snyder	Individual	Support	No

Comments:

Aloha mai kākou e Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

Eia au 'o Kahiau Palaualelo Drayer Snyder, he keiki a Matthew Palaualelo Snyder iāua 'o Lindsey Drayer. He kama au i māka'ia 'ia na ka makani l'aiki o Wailuku. No ka malu o Maunakāne au, no ka wai anuanu o 'Ā'ao. Kākou ko'o piha au i kā'ia pila SB2172.

**I SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Me ka ha'aha'a,

Kahiau Snyder

**SB-2172**

Submitted on: 1/25/2022 1:09:03 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
kendall johanson	Individual	Support	No

Comments:

The Red Hill Fuel tanks are polluting an important aquifer in Oahu that provides water to many residents. It is crucial that these permits not be renewed and instead money be put towards safely removing these fuel tanks to protect these valuable water sources from contaminants.

**SB-2172**

Submitted on: 1/25/2022 1:09:46 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Georgette Stevens	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Georgette Stevens, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.



**SB-2172**

Submitted on: 1/24/2022 12:44:40 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Ike Yato	Individual	Support	No

Comments:

I **SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Ike Yato

DEPARTMENT OF TRANSPORTATION SERVICES  
CITY AND COUNTY OF HONOLULU

650 SOUTH KING STREET, 3RD FLOOR  
HONOLULU, HAWAII 96813  
Phone: (808) 768-8305 • Fax: (808) 768-4730 • Internet: www.honolulu.gov

RICK BLANGIARDI  
MAYOR



J. ROGER MORTON  
DIRECTOR

JON Y. NOUCHI  
DEPUTY DIRECTOR

**LATE**

TESTIMONY OF J. ROGER MORTON  
DIRECTOR OF TRANSPORTATION SERVICES, and  
DAWN B. SZEWCZYK, P.E.  
DIRECTOR DESIGNATE OF FACILITY MAINTENANCE  
CITY AND COUNTY OF HONOLULU

BEFORE THE SENATE COMMITTEE ON HEALTH and  
SENATE COMMITTEE ON AGRICULTURE AND ENVIRONMENT  
**January 26, 2022, 1:10 PM, Via Videoconference**

TO: Senator Jarrett Keohokalole, Chair, and Members of the Committee on Health  
Senator Mike Gabbard, Chair, and Members of the Committee on Agriculture  
and Environment

RE: COMMENTS ON SENATE BILL 2172, RELATING TO UNDERGROUND FUEL  
STORAGE TANKS

The Department of Transportation Services (DTS) and the Department of Facility Maintenance (DFM) of the City and County of Honolulu (City), offers the following comments on Senate Bill 2172 (SB 2172), relating to underground fuel storage tanks.

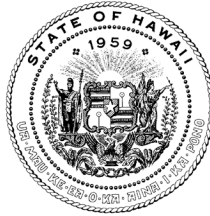
While we support the implementation of protective measures for our fresh water sources, as operational City departments, we own and operate large-scale infrastructure related to fueling light and heavy duty vehicles (passenger cars, utility trucks, and transit buses) which serve the entire island of O'ahu. Underground fuel storage for fueling and emergency resilience is important to the day-to-day operations of municipal resources and essential during emergency operations.

In addition to DTS and DFM, other City departments also own, operate, and maintain fuel storage tanks. These departments are a diverse representation of City services, from our first responders (Police, Fire, and Emergency Services), Department of Emergency Management, Department of Enterprise Services, Department of Parks and Recreation, and the Medical Examiner's Office.

DTS and DFM highlight the definition of "underground fuel storage tank" as "any fuel tank with a capacity of one hundred or more gallons installed underground" and requests further clarification and consideration of increasing the capacity to a greater extent congruent with common commercial and industrial uses. Comparatively, DTS' Kalihi-Pālāma Bus Facility and Pearl City Bus Facility each have four 12,000 gallon fuel storage tanks to support over 700 transit and support vehicles.

Mahalo for your commitment to environmental protection and for the opportunity to comment on SB 2172.

DAVID Y. IGE  
GOVERNOR OF  
HAWAII



SUZANNE D. CASE  
CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT

ROBERT K. MASUDA  
FIRST DEPUTY

M. KALEO MANUEL  
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
BUREAU OF CONVEYANCES  
COMMISSION ON WATER RESOURCE MANAGEMENT  
CONSERVATION AND COASTAL LANDS  
CONSERVATION AND RESOURCES ENFORCEMENT  
ENGINEERING  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
KAHOOLAWE ISLAND RESERVE COMMISSION  
LAND  
STATE PARKS

STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES

POST OFFICE BOX 621  
HONOLULU, HAWAII 96809

**LATE**

Testimony of  
SUZANNE D. CASE  
Chairperson

Before the Senate Committees on  
HEALTH  
and  
AGRICULTURE AND ENVIRONMENT

Wednesday, January 26, 2022  
1:10 PM

Via Videoconference

In consideration of  
SENATE BILL 2172  
RELATING TO UNDERGROUND FUEL STORAGE TANKS

Senate Bill 2172 proposes to add a new section to Chapter 342L, Hawai'i Revised Statutes (HRS), prohibiting the Department of Health from issuing new permits or renewing permits for underground fuel storage tanks within one half mile from an aquifer, and creating a new definition of "fuel storage tanks." **The Department of Land and Natural Resources (Department) supports this measure and offers the following comments.**

The Department is concerned about the risks of underground fuel storage tanks and their related plumbing leaking and contaminating potable drinking water aquifers. The Department and its Commission on Water Resource Management stands united alongside Hawai'i's Congressional delegation and the Hawai'i Department of Health calling on the Navy to immediately suspend operations at the Red Hill Bulk Fuel Storage Facility and fully comply with the Emergency Order to begin the process of planning and executing the safe removal of fuel that continues to pose a threat to O'ahu's drinking water.

Prohibiting the installation or continuance of underground fuel storage tanks above and near the edge of aquifers would mitigate this risk. Subsurface geologic formations and aquifer properties may affect the direction and rate of transport of leaked fuel within any given aquifer as well as the extent of contamination. The Department defers to the Department of Health on the specific distance from an aquifer that underground fuel storage tanks should be prohibited, the appropriate capacity of fuel storage tanks in the new definition of fuel storage tanks, and any other proposed amendments to this measure.

Mahalo for the opportunity to comment on this measure.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 8:28:30 PM  
Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Phoebe Sato	Testifying for CNHA	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Phoebe Sato, I am a resident of Hawai‘i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy’s antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O‘ahu’s residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai‘i’s economy.

SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**



# Environmental Caucus of The Democratic Party of Hawai'i

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## Energy & Climate Action Committee

Wednesday, January 26, 2022, 1:10 pm

Senate Committees on Health and Agriculture and Environment

SENATE BILL 2172 – RELATING TO UNDERGROUND FUEL STORAGE TANKS

Position: Support, with friendly amendments

Me ke Aloha, Chairs Kehohokalole and Gabbard, Vice-Chairs Baker and Nishihara, and Members of the Health and Agriculture and Environment Committees:

Mahalo, Senators, for hearing this important bill, which captures the nearly unanimous sense of the general public: it is time to decommission the Red Hill Bulk Fuel Storage Facility, despite the Navy's preference for its own timetable and recognizance, both of which are now shown inadequate to our national security (please note Governor Ige's statement of December 7, 2021).

There are some technical problems with this bill which will impede its progress to its rightful completion on behalf of a grateful public.

First, the entirety of each island is over an aquifer – there is no such thing as a location one half-mile from an aquifer, even within submerged lands. What we believe is meant is a drinking water aquifer, which itself may be an inadequate definition if a potential drinking water source is not being currently used to tap water for human purposes.

The familiar rule already used to protect drinking water is to prohibit deleterious uses above the Underground Injection Control Line (UIC line). We recommend using this language.

Sadly, even this provision cannot adequately protect the Public Trust in waters of the State, as the Precautionary Principle, inseparable from the Public Trust, is not followed by the U.S. military. The general public has come to understand that the U.S. military is incapable of protecting land and water from its contaminant sources. The recommended prohibition would still allow the location of a new facility over a caprock aquifer, doubtless contributing to the already degraded waters of the South shore caprock aquifers.

We understand that the substance of this bill properly goes beyond the Governor's Emergency Order of December 7, 2021, contested by the Navy in a quasi-judicial action, but confirmed January 3, 2022 in a final Decision and Order. That decision allows for recommencement of bulk storage functions at Red Hill following an ill-defined "assessment" and subsequent "corrective actions on deficiencies". While we can presume that the Department of Health would make the appropriate determination for us, we believe that the U.S. military has demonstrated its unwillingness to abide a fundamental rule in Hawaii protecting the Public Trust. For this reason we recommend amendment of this bill to reflect

hydrogeological, political, ethical and legal realities, and heartily support amendment as follows (deleted material struck through, new material underlined, recommended amendments double-underlined and in blue):

“342L- ~~Permits near aquifer~~ mauka of the underground control injection line prohibited. (a) Beginning July 1, 2022, the department shall not issue a permit for a new underground fuel storage tank ~~within one-half mile of the outer edge of an aquifer~~ mauka of the underground control injection line; provided that a permit may be issued by the department for purposes of repairing or ~~replacing~~ removing an existing underground fuel storage tank.

(b) Beginning January 1, 2024, no person shall operate an underground storage tank ~~within one-half mile of the outer edge of an aquifer~~ mauka of the underground control injection line, and no permit for an underground fuel storage tank ~~within one-half mile of the outer edge of an aquifer~~ mauka of the underground injection control line shall be renewed.

Mahalo for this opportunity to address SB2172.

Charley Ice and Ted Bohlen, Co-Chairs, Energy and Climate Action Committee, Environmental Caucus of the Democratic Party of Hawaii



**LATE**

**Board Members**

*President*  
Jason Okuhama  
Managing Partner,  
Commercial & Business Lending

*Secretary*  
Marcus Kawatachi  
Deputy Director,  
Hawai'i Civil Rights Commission

Trina Orimoto  
Clinical & Research Psychologist

Derrick Kiyabu  
Hawai'i Island Resident

Miwa Tamanaha  
O'ahu Resident

Philip Garboden  
Assistant Professor,  
University of Hawai'i at Mānoa

**HACBED Staff**

Brent N. Kakesako  
*Executive Director*

Merri Keli'ikuli  
*Office Manager & Program Support*

Corin Thornberg  
*Project Associate*

Date: January 25, 2022  
To: Senator Jarrett Keohokalole & Senator Mike Gabbard, Chairs, Senator Rosalyn H. Baker & Senator Clarence K. Nishihara, Vice-Chairs, and Members of the Committees on Health and Agriculture & Environment  
From: Brent Kakesako, Hawai'i Alliance for Community-Based Economic Development (HACBED)  
Re: Support for SB 2172 with amendments

Aloha Chairs Keohokalole & Gabbard, Vice-Chairs Baker & Nishihara, and Committee Members,

The Hawai'i Alliance for Community-Based Economic Development (HACBED) supports SB 2172, with amendments, which prohibits issuance of future underground fuel storage tanks within one-half mile of an aquifer beginning July 1, 2022, and prohibits operation of and renewal of underground fuel storage tank permits located within one-half mile from an aquifer beginning January 1, 2050. We ask that the bill be amended to:

- 1) remove reference to the Red Hill Bulk Fuel Storage Facility in the preamble to void potential federal preemption challenges;
- 2) revise the proposed new definition of "underground fuel storage tanks" to apply to facilities with field-constructed tanks or with a capacity over 100,000 gallons; and
- 3) ensure that no permit may be issued or renewed for an underground fuel storage tank and that no underground fuel storage tank may be operated after the end for this year for a facility located mauka of the underground injection control line.

HACBED was established in 1992 as a nonprofit statewide intermediary to address social, economic, and environmental justice concerns through community-based economic development and asset building strategies. It advances its mission with core competencies in the areas of community and organizational capacity building, community and economic development planning, and asset policy development and advocacy. Water is life and core to livelihoods of families who call this place home and by extension broader place-based economic development. As such, HACBED supports the proposed bill with the previously mentioned amendments.

SB 2172 and the requested amendments would protect what is remaining of our precious water and watersheds for this generation and the many future generations.

Mahalo for this opportunity to testify,

Brent N. Kakesako  
Executive Director  
Hawai'i Alliance for Community-Based Economic Development

**LATE**



**KE ONE O  
KĀKUHIIHEWA**

O'ahu Council of the  
Association of Hawaiian Civic Clubs

BENTON KEALII PANG, PH.D.-  
HAWAIIAN CIVIC CLUB OF  
HONOLULU  
PELEKIKENA

JACOB KA'ŌMAKAOKALĀ AKI-  
KING KAMEHAMEHA HCC  
HOPE PELEKIKENA

GEORGIANA NAVARRO-  
MĀKAHA HCC  
HOPE PELEKIKENA 'ELUA

LEATRICE KAUAHI-HCC OF  
HONOLULU  
PU'UKŪ

ROTH PUAHALA -KING  
KAMEHAMEHA HCC  
PELEKIKENA IHO NEI

TERI LOO-KO'OLAUPOKO HCC  
KĀKAU 'ŌLELO

CHRISTINE "CHRISSEY" ANJO-  
PEARL HARBOR HCC  
HOLE KĀKAU 'ŌLELO

'AHAHUI SIWILA HAWAII O  
KAPOLEI  
KALA HOLDEN

ALI'I PAU'UHI HCC  
KEHAULANI LUM

'EWA-PU'ULO'A HCC  
MARLEEN KAUI SERRAO

HCC OF HONOLULU  
ANITA NAONE

KAILUA HCC  
MAPUANA DE SILVA

KALIHI-PĀLAMA HCC  
JUANITA BROWN  
KAWAMOTO

KING KAMEHAMEHA HCC  
LETANI PELTIER

KO'OLAULO'A HCC  
RANAE "TESSIE"  
FONOIMOANA

KO'OLAUPOKO HCC  
ROCKY KALUHIWA

LUALUALEI HCC  
SHIRLINE HO

MĀKAHA HCC  
LUANN LANKFORD-  
FABORITO

MAUNALUA HCC  
ROSE KITTY SIMONDS

NA LANI 'EHA HCC  
R. KELANI RAMOS

NĀNĀIKAPONO HCC  
JAYCINE HICKS

PAPAKŌLE'A HCC  
KEALII LUM

PEARL HARBOR HCC  
ANTOINETTE LEE

PRINCE KŪHIŌ HCC  
A. MAKANA PARIS

PRINCESS KAHANU HCC  
DREANA KALILI

PRINCESS KAI'ULANI HCC  
RUSTY RODENHURST

QUEEN EMMA HCC  
RAWLETTE P. KRAUT

HCC OF WĀHIAWA  
NOELANI DEVINCENT

HCC OF WAIALUA  
MAKALAPUA CASSON-  
FISHER

WAI'ANAE HCC  
CYNTHIA ENRIQUEZ

WAIKIKI HCC  
DWYNN KAMAI

HCC OF WAIMĀNALO  
LOUANNA KAIO

## COMMITTEE ON HEALTH

## COMMITTEE ON AGRICULTURE AND ENVIRONMENT

**Wednesday, January 26, 2022, 1:10 pm**

Via Video

Senate Standing Committee

Re: SB2172 RELATING TO UNDERGROUND FUEL STORAGE TANKS.

Prohibits issuance of future underground fuel storage tanks within one-half mile of an aquifer beginning July 1, 2022. Prohibits operation of and renewal of underground fuel storage tank permits located within one-half mile from an aquifer beginning January 1, 2050. Defines underground fuel storage tanks as any fuel tank with a capacity of one hundred gallons or more.

*Aloha Chair* Jarrett Keohokalole, and Mike Gabbard, *Vice Chairs* Rosalyn H. Baker, and Clarence Nishihara, and members of the Committees on Health and Agriculture and Environment,

Ke One O Kākuhihewa **SUPPORTS** with Amendments SB 2172 which would prohibit the issuance of future underground fuel storage tanks within one-half mile of an aquifer beginning July 1, 2022, prohibits operation of and renewal of underground fuel storage tank permits located within on-half mile from an aquifer beginning January 1, 2050 and defines underground storage tanks as any fuel tank with a capacity of one hundred gallons or more.

In 2015, the Association of Hawaiian Civic Clubs, of which Ke One O Kākuhihewa is a member, passed Resolution 15-20: Requesting the US Navy to expedite corrective actions to the red hill bulk fuel storage facility and safeguard Oahu's drinking water at its 56th annual convention at Lahaina Maui (attached).

We request the following amendments to SB2172 to ensure our water resources are protected from the recent leaks at Red Hill.

- 1) Remove reference to the Red hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges;



- 2) Amend the proposed new definition of “underground fuel storage tank” to apply to facilities with field constructed tanks or with a capacity over 100,000 gallons;
- 3) Ensure that no permit may be issued or renewed for an underground fuel storage tank;
- 4) No underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please pass SB2172 with the above amendments.

Ke One O Kakūhihewa, is a native Hawaiian council made up of 24 civic clubs on the island of O‘ahu. Our oldest member, Hawaiian Civic Club of Honolulu was established by Prince Jonah Kūhiō Kalaniana‘ole on December 7, 1918.

Sincerely,

A handwritten signature in black ink, appearing to read "Benton Kealiikiamoku Pang". The signature is fluid and cursive, with the first name being the most prominent.

Benton Kealiikiamoku Pang, President

***ASSOCIATION OF HAWAIIAN  
CIVIC CLUBS***

***A RESOLUTION***

15 - 10

**REQUESTING THE U.S. NAVY TO EXPEDITE CORRECTIVE ACTIONS  
TO THE RED HILL BULK FUEL STORAGE FACILITY AND SAFEGUARD OAHU'S  
DRINKING WATER**

WHEREAS, Native Hawaiians consider freshwater, or wai, sacred to the Gods Kāne and Lono; and

WHEREAS, wai has been integral to a vibrant Hawaiian community from ancient times to the present; and

WHEREAS, vital to their survival, Hawaiians have always protected the wai for their sustenance and in order to produce the bounty of foods and forests products important to them; and

WHEREAS, the United States Navy has operated its Red Hill Bulk Fuel Storage Facility in the Pu'uloa area of O'ahu since the 1940's; and

WHEREAS, the facility includes 20 large field-constructed underground fuel storage tanks, each holding at least 12.5 million gallons of jet fuel; and

WHEREAS, these tanks are located in the area under which lies the Pearl Harbor aquifer, the largest fresh water resource on the island of O'ahu; and

WHEREAS, concern has been raised that fuel leakage from the tanks could contaminate the fresh water supply that supports the island from Maunaloa to Mākua; and

WHEREAS, although initial testing has not yet found significant contamination in water samples drawn from wells in the immediate vicinity, concerns remain about continuing leakage and threats to the groundwater aquifer; and

WHEREAS, according to documents formerly classified by the Department of Defense, these storage tanks have been leaking fuel for much of the past 50 years; and

WHEREAS, in January 2014, fuel was found leaking from Tank No. 5, an amount estimated in excess of 27,000 gallons of fuel; and

WHEREAS, despite Navy denials, a former administrator for the State Department of Health (DOH) says the remaining active tanks continue to leak until today; and

WHEREAS, the U.S. Environmental Protection Agency (EPA) has signed an Administrative Order of Consent (AOC), with the State DOH, the Defense Logistics Agency, and the U.S. Navy, identifying corrective actions to be taken at the Red Hill storage facility; and

WHEREAS, this draft AOC would allow the Navy additional time to pursue best-practice technologies for addressing the leakage problem; and

WHEREAS, the EPA, Department of Health and U.S. Navy held an informational meeting earlier this year to receive comments from the public about the AOC; and

WHEREAS, overwhelmingly, the response to the reports of leaking fuel tanks at Red Hill has alarmed the community with concerns about potential risks to the fresh water supply; and

WHEREAS, most comments requested that the tanks be repaired or relocated expeditiously and without delay to minimize any further harm to the aquifer; and

WHEREAS, the EPA, DOH and U.S. Navy have taken these comments into consideration and are contemplating what changes, if any, can be made to the AOC; and

WHEREAS, it is uncertain when a formal response from the EPA, DOH and U.S. Navy will be announced to the public.

NOW, THEREFORE, BE IT RESOLVED, by the Association of Hawaiian Civic Clubs at its 56<sup>TH</sup> annual convention at Lahaina, Maui this 14<sup>th</sup> day of November 2015, that we request the U.S. Navy to expedite corrective actions to the Red Hill bulk fuel storage facility and safeguard Oahu's drinking water; and

BE IT FURTHER RESOLVED, that the U.S. Navy is hereby requested to take all actions necessary to relocate these fuel tanks to sites that do not lie over groundwater resources; and

BE IT FURTHER RESOLVED, that the U.S. Navy is hereby urged to immediately remediate the release of fuel from the Red Hill bulk storage facility which has occurred over the past 60 years; and

BE IT FURTHER RESOLVED, that the U.S. Environmental Protection Agency, the DOH and the State Commission on Water Resource Management are hereby asked to uphold their kuleana (responsibilities) to protect the safety and quality of our island's fresh water resources by ensuring that all underground storage facilities, including those of the U.S. military, are regularly inspected and that all fuel resources are accounted for to ensure prompt leak detection and repair; and

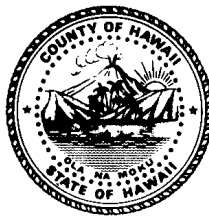
BE IT FURTHER RESOLVED, that a certified copy of this resolution be transmitted to the Governor of Hawaii, State Senate Committee on Hawaiian Affairs, State House Committee on Ocean, Marine Resources, & Hawaiian Affairs, The Office of Hawaiian Affairs Chair of the Board of Trustees, members of Hawaii's congressional delegation, the Commander Navy Region Hawai'i, the Director of the Defense Logistics Agency, the Administrator of the U.S. Environmental Protection Agency, the Director of the State Department of Health, the Chair of the Commission on Water Resource Management and Mayor Kirk Caldwell.



The undersigned hereby certified that the foregoing Resolution was duly adopted on the 14<sup>th</sup> day of November 2015, at the 56<sup>th</sup> Annual Convention of the Association of Hawaiian Civic Clubs in Lahaina, Maui.

*Annelle C. Amaral*  
Annelle C. Amaral, President

**Holeka Goro Inaba**  
Council Member, District 8, N. Kona



Office: (808) 323-4280  
Email: holeka.inaba@hawaiicounty.gov

## HAWAI'I COUNTY COUNCIL

County of Hawai'i  
West Hawai'i Civic Center, Bldg. A  
74-5044 Ane Keohokalole Hwy.  
Kailua-Kona, Hawai'i 96740



January 25, 2022

Committee on Health  
Senator Jarrett Keohokālole, Chair  
Senator Rosalyn H. Baker, Vice Chair

Committee on Agriculture and Environment  
Senator Mike Gabbard, Chair  
Senator Clarence K. Nishihara, Vice Chair

Re: Testimony in support of SB2172, RELATING TO UNDERGROUND FUEL STORAGE TANKS.  
Videoconference Hearing: January 26, 2022 at 1:10 p.m.

Dear Chairs, Vice Chairs, and Members of the above referenced Committees,

On behalf of myself and constituents of Council District 8 in North Kona, I would like to express support for the above referenced bill, and submit a brief testimony as follows:

We support SB2172 that prohibits the issuance of future underground fuel storage tanks within one-half mile of an aquifer beginning in July 2022, and which also prohibits operation of a renewal of underground fuel storage tank permits located within one-half mile from an aquifer. This bill also more appropriately defines underground fuel storage tanks as any fuel tank with a capacity of one hundred gallons or more.

This measure will protect our precious freshwater resources. Without remedy and the protections called for in this bill, there will be devastating long-term impacts to the health of our community and Hawai'i's economy.

SB2172 would help to ensure that situations such as the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i. I strongly urge the passing of SB2172.

Sincerely,

---

HOLEKA GORO INABA, Council Member  
District 8, North Kona

**LATE**

**SB-2172**

Submitted on: 1/25/2022 7:41:53 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Raynae Fonoimoana	Testifying for Ko'olauloa Hawaiian Civic Club	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Raynae Fonoimoana. The Ko'olauloa Hawaiian Civic Club **STRONGLY SUPPORTS** SB2172, which attempts to protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks from any freshwater aquifer in the State of Hawaii.

We are deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. The Moanalua-Waimalu groundwater aquifer will continue to impact the health of our entire island. We believe that SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated anywhere in Hawai'i.

We urge you to PASS SB2172.

Me Ka ha'aha'a,

Raynae Fonoimoana & the Ko'olauloa Hawaiian Civic Club Membership



**LATE**

January 25, 2022

TO: Health and Agriculture and Environment Committees; Senators Keohokalole, Gabbard, Baker, Nishihara and committee members.

FR: Elena Farden, Kanaeokana Network

RE: IN SUPPORT OF SB 2172 RELATING TO UNDERGROUND FUEL STORAGE TANKS.

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Elena Farden and I am testifying today on behalf of Kanaeokana Network- I am a resident of O'ahu. Kanaeokana, the Kula Hawai'i Network which includes membership of DOE Hawaiian Language Immersion Program sites, all 17 Hawaiian Focused Charter Schools (HFCS), and over 50 other Hawaiian education organizations is in strong support of SB2172, which will address a need to ensure that toxic fuels and other substances are not stored in underground facilities in or near our precious aquifers on all islands.

We are, of course troubled about the current crisis caused by the Navy's antiquated Kapūkaki fuel storage tanks that have impacted the aquifer that provides drinking water to O'ahu's residents and much more still needs to be done to close those tanks to permanently stop the leaks. SB2172 is needed to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i. In closing, please PASS SB2172. On behalf of Kanaeokana, the Hawaiian School Network, mahalo for this opportunity to testify on this measure.

Elena Farden  
For Kanaeokana  
[advocacy@kanaeokana.net](mailto:advocacy@kanaeokana.net)

**SB-2172**

Submitted on: 1/26/2022 11:05:36 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
melissa Kaonohi-Camit	Testifying for Lahui Foundation	Support	No

Comments:

Aloha, Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Melissa Ka'onohi-Camit. Representing Lahui Foundation where I sit on the board as a director. We are residents of Hawai'i. Lahui Foundation STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

We are deeply concerned about the current crisis caused by the Navy's Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

Mahalo





Office: 1414 Dillingham Blvd., Ste. 211  
Honolulu, Hawaii 96817-4891

Phone: (808) 839-5334  
Fax: (808) 839-3658  
Email: [info@moanalugardensfoundation.org](mailto:info@moanalugardensfoundation.org)

January 22, 2022

**LATE**

Hawaii State Legislature  
Joint Committees – Health, Agriculture and Environment  
Hawaii State Capitol  
415 S. Beretania Street  
Honolulu, HI 96813

RE: SB2172, Relating to Underground Fuel Storage Tanks

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees.

My name is Pauline Worsham, Managing Director of Moanalua Gardens Foundation (MGF), a 51-year old nonprofit organization dedicated to protecting and preserving the ahupua'a of Moanalua. Moanalua Gardens Foundation and its Board of Directors **STRONGLY SUPPORTS** SB2172, which will better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

MGF is deeply disturbed about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

We urge you to PASS SB2172. Mahalo for the opportunity to testify on this measure.

A handwritten signature in blue ink that reads 'Pauline Worsham'.

Pauline Worsham  
Managing Director

**LATE**

**SB-2172**

Submitted on: 1/25/2022 3:04:18 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Leonard Rossoff	Testifying for Windward Coalition	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

The Windward Coalition supports **AMENDMENTS SB2172**, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

The Windward Coalition is a voluntary community action group with the mission of improving the quality of life of Windward residents by addressing environmental issues affecting our neighborhoods. We are not affiliated with or part of any political party, government entity or other organization.

While the windward aquifer is not directly impacted by the Red Hill fuel leakage, all the aquifers are linked underground (refer to BWS Ernest Lau's description of the aquifers as underground sponges). Pollution can seep from one aquifer into another, threatening the quality of the water supply elsewhere. Furthermore, if the aquifer below Honolulu is not drinkable, the BWS will be forced to draw water from other aquifers and ration water, as the supply of water will not be sufficient to support the island's population.

This is a major crisis which requires immediate action to salvage Oahu's aquifer and drinking water for the present and the future. The Red Hill facility has been the site of multiple fuel spills going back decades and the patchwork repairs have not fixed the problem. Recently reported new data from the U.S. Navy shows heightened levels of fuel contaminants in the soil and groundwater around the Red Hill Bulk Fuel Storage Facility last May and January (2021). Petroleum ingestion is a health hazard.

Without safe drinking water, our island's ability to support the ecosystem, our population, the military bases and national security interests is in very serious jeopardy. Yes, relocating the fuel tanks will be very expensive. Other states in similar situations have shut down leaking fuel tanks, ensuring local environmental security without risking National Security. The Navy must be Pono and take responsible, immediate action to stop further damage.

We are heading down a path that will soon be irreversible if the tanks aren't permanently shut down and relocated. Healthy drinking water is fundamental to the very essence of our life on this

island. Our island cannot support or coexist with National Security interests if the island's main source of fresh drinking water is polluted with fuel. Water is life: Therefore, we **SUPPORT WITH AMENDMENTS SB2172.**

We, as others, support specific amendments including: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Respectfully,

Terri Needels

President, Windward Coalition

Committee on Health  
The Hawaii State Senate  
415 S Beretania St.  
Honolulu, HI 96813



Re: SB 2172 Testimony

January 25, 2022

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

According to the Environmental Protection Agency (EPA) in this [linked document on ground water contamination](#), underground fuel storage tanks are one of a number common ground water contamination sources, and this contamination is often caused by leaks and lack of maintenance. The article mentions distancing potential sources of contamination, just as this bill recommends, as well as maintaining storage tanks. The article also mentions that pollution that reaches groundwater often starts as a plume that moves slowly, as does the ground water itself, and tends to move downhill with the topography of the land. Time, mixture with greater amounts of water, and soil absorption can all help dissipate pollutants naturally; however cracks, fissures, and pores in rocks (as is common with the igneous rock surrounding our aquifer) can all make pollution containment and cleanup difficult. Additionally, pumping water between aquifer areas can spread pollution too.

Pollution remediation efforts listed by the article include the following and are chosen based on the geography of the affected area:

- Containing the contaminant to prevent migration.
- Pumping the water, treating it, and returning it to the aquifer.
- Leaving the ground water in place and treating either the water or the contaminant.
- Allowing the contaminant to attenuate (reduce) naturally (with monitoring), following the implementation of an appropriate source control.

I worry that due to the porous nature of the rock surrounding our aquifer that pollution can more easily contaminate our entire islands' water supply. I am unaware of the financial cost of cleanup, but I do hope the U.S. Navy is held accountable for the spill at Red Hill and does act pono, cleaning the fuel spill at whatever the required cost. The health of our island community and environment is too precious to negotiate on this.

Please amend this measure by:

1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments. Mahalo nui!

Sincerely,

A handwritten signature in black ink, appearing to be 'Erika Molyneux', written in a cursive style.

Erika Molyneux

**LATE**

**SB-2172**

Submitted on: 1/25/2022 1:19:55 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Gemma Vanover	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.***

***Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.***

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

*Gemma Vanover*

**LATE**

**SB-2172**

Submitted on: 1/25/2022 1:21:33 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Albert J Martini III	Individual	Support	No

Comments:

Please prohibit the issuance of future underground fuel storage tanks within one-half mile of an aquifer beginning July 1, 2022. Prohibits operation of and renewal of underground fuel storage tank permits located within one-half mile from an aquifer beginning January 1, 2050. Defines underground fuel storage tanks as any fuel tank with a capacity of one hundred gallons or more. This seems like a "no brainer" when dealing with an Island ecosystem with very limited resources, including fresh water unladen with fuel. Clean fresh water for humans to hydrate their bodies, wash and keep hygenic, and the use of water (H2o) in a safe and clean manner is the birthright of all life sustaining matter. The question is, how much more covering up and claiming it's "State Standard" and is "SAFE" before people get reactions that are irreversable and detrimental to life? Do better! Be Pono!

**LATE**

**SB-2172**

Submitted on: 1/25/2022 1:24:57 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Buddy Kamakeeaina	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Buddy Kamakeeaina, I am a resident of Hawai‘i and I live in the Salt Lake/Mapunapuna area. I **strongly support** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy’s antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O‘ahu’s residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai‘i’s economy.

SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.



**LATE**

**SB-2172**

Submitted on: 1/25/2022 1:25:33 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Fay Sumida	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS SB2172**, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations. It is so sad that the water of Navy military families in Hawaii was poisoned with fuel. They protect us and our country and they need to be protected by us by providing them with safe pure water.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Fay Sumida

**LATE**

**SB-2172**

Submitted on: 1/25/2022 1:26:08 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Benjamin Guerrero	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Benjamin Guerrero, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 1:28:15 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Breanna Agas	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments. Mahalo nui!

Breanna Komata Agas

**LATE**

**SB-2172**

Submitted on: 1/25/2022 1:28:45 PM  
Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Visaluana Castillo	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Visa Castillo, I am a resident of Hawai‘i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy’s antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O‘ahu’s residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai‘i’s economy.

SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i.

As a Native Hawaiian and cultural practitioner, the importance (waiwai) of water (wai) cannot be compromised.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

Me ka mahalo nui, Visa

**LATE**

**SB-2172**

Submitted on: 1/25/2022 1:38:42 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jonilee Polanco	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT AMENDMENTS SB2172**, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Fuel cannot sustain organic life. Ola i ka wai.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments.

Mahalo nui!

**LATE**

**SB-2172**

Submitted on: 1/25/2022 2:05:19 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Stan Sakai	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please PASS SB2172 with the above amendments. Mahalo nui!

**LATE**

**SB-2172**

Submitted on: 1/25/2022 2:06:00 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lei Ho	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, members of the Health and Agriculture and Environment Committees,

I am here as an individual kupuna to support SB2172 and to ask that you amend the bill to include ALL potential threats to the pure water we are so blessed to have. Please include in your ban any contaminants which could put our water in jeopardy - regardless how or where it may be contained.

Mahalo for your service to us all.

Lei Ho

**LATE**

**SB-2172**

Submitted on: 1/25/2022 2:09:47 PM  
Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Kylie Akiona	Individual	Support	No

Comments:

Aloha e Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

My name is Kylie Akiona, and I am submitting testimony in **SUPPORT WITH AMENDMENTS** of SB2172 relating to underground fuel storage tanks, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

The illegal military occupation of our pae ‘āina has done nothing but harm our Kānaka ‘Ōiwi, and now our malihini and haole residents by poisoning one of our most sacred resources. In order to survive, we need to take firm action towards the demilitarization of our kulāiwi and guarantee the human right to clean water.

I plead with you to **PASS** SB2172 with the above amendments.

OLA I KA WAI!

Mahalo nui,

Kylie Akiona



**LATE**

**SB-2172**

Submitted on: 1/25/2022 2:11:07 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Christy MacPherson	Individual	Support	No

Comments:

I am in STRONG support of this SB 2172. `A`ole fuel storage tanks!

**LATE**

**SB-2172**

Submitted on: 1/25/2022 2:23:24 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Leslie Witten	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.***

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo nui!*

*Leslie Witten*

**LATE**

**SB-2172**

Submitted on: 1/25/2022 2:25:01 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Janice Marsters	Individual	Oppose	No

Comments:

I am an environmental consultant with a PhD in geology from UH and more than 30 years of experience in environmental consulting in Hawai'i. While the motivation behind the bill is understandable given the Red Hill incidents, this bill would provide consequences that may not be initially recognized.

The use of the term "aquifers" without qualification would essentially ban all underground storage tanks (USTs) in the State, since the entirety of the islands are underlaid by aquifers. The bill would force the closure of commercial gasoline stations where above-ground storage of fuel is not practicable and, in cases where above-ground storage may be physically feasible, would introduce visual blight and aboveground spill and fire/explosion hazards to the surrounding community. The impact to small business gasoline stations should also be considered.

Aquifers are characterized by several sources. For example, about 30 years ago, the Water Resources Research Center at UH-Mānoa published a series of documents identifying and classifying the aquifers on all islands. They characterized aquifers as to their vulnerability to contamination and their significance as drinking water sources. Not all aquifers are classified as drinking water sources and should not be considered as such.

The Hawai'i Department of Health's Safe Drinking Water Branch (SDWB) has established an "Underground Injection Control" (UIC) line on all islands. In general, aquifers above (mauka of) the UIC line are considered potential drinking water sources and injection of wastes is prohibited. However, using the UIC line as the demarcation for banning USTs, would mean closure of or major modifications to numerous community gasoline stations throughout the islands that lie mauka of the UIC line but don't threaten public drinking water sources.

The SDWB already encourages the removal of USTs and onsite sewage disposal systems as part of their Wellhead Protection programs. More emphasis on and funding for meaningful wellhead protection would be worthwhile.

A practical and meaningful approach may be to define a drinking water capture zone around public drinking water sources and to prohibit USTs above a certain size in those zones. A 100-gallon size limitation as proposed in the draft legislation is likely unnecessarily conservative in all capture zones. Application of an informed scientific approach to crafting this legislation would improve its viability and potentially reduce its adverse economic impacts.

Due to the likely significant and potential adverse impacts of this proposed legislation, I urge the committee to defer this bill until the groundwater science is further evaluated and the consequences of such a ban are further considered.

Please contact me should you have any questions about my testimony at 808.371.8504.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 2:32:16 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kevin Chang	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Kevin Chang, I am a resident of Hawai'i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

To be honest I am perplexed by why we are only now -when people are being poisoned- addressing this matter. I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy. At least for my generation, I feel this has been a concern since our birth nearly 50 years ago and before.

These concerns about first having an ability to have safe and healthy drinking water should not discount the damage this can and will cause to our nearshore resources, our way of life and sense of place.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

Please PASS SB2172. Mahalo for this opportunity to testify on this measure.

Aloha

Kevin

**LATE**

**SB-2172**

Submitted on: 1/25/2022 2:33:50 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Ty P. Kawika Tengan	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Ty Tengan, I am a resident of Hawai‘i. I STRONGLY SUPPORTSB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy’s antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O‘ahu’s residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai‘i’s economy.

SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 2:37:09 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Cassidy Hollenbeck	Individual	Support	No

Comments:

*I support with Amendments SB2172. The Southern Oahu Basal Aquifer is my family and community's essential water source and there is nothing more necessary and invaluable than access to clean water. It is up to you as policymakers and leaders of our state, to protect our lifeline from current and future contamination.*

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*



**LATE**

**SB-2172**

Submitted on: 1/25/2022 2:49:27 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lana Bilbo	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Lana Bilbo, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy. We have had a similar issue on Kaua'i with business being allowed to pollute our 'āina underground, and these types of bills can improve things for all of us.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 2:50:19 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Vincent Okada	Individual	Support	No

Comments:

I support with Amendments SB 2172. I really hope all involved entities do mālama ‘āina.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 3:30:57 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Leonard Rossoff	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

I support **AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Healthy drinking water is fundamental to life on our island. As others, I support specific amendments including: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Respectfully,

Leonard Rossoff M.D.

**SB-2172**

Submitted on: 1/25/2022 3:38:11 PM

Testimony for HTH on 1/26/2022 1:10:00 PM



<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Diana Bethel	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

I am writing to **STRONGLY SUPPORT** SB2172, which is designed to protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer. I believe a "reasonable distance" should be defined as at least "one mile."

The current drinking water contamination crisis caused by the Navy's antiquated Red Hill fuel storage tanks have made us realize our vulnerability as a state if our drinking water from our largest aquifer is poisoned. If the Moanalua-Waimalu groundwater aquifer is polluted, it could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please **PASS** SB2172 so that the people of Oahu do not have to live in fear of an inevitable catastrophic release of jet fuel into their drinking water. Mahalo for this opportunity to testify on this measure.

Diana Bethel, Honolulu

**LATE**

**SB-2172**

Submitted on: 1/25/2022 4:05:31 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Janette N. Lee	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Jeanette N. Lee, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 4:12:28 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Arthur Neilson	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Arthur Neilson, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer. Our aquifer is irreplaceable, Gods gift, a priceless treasure bestowed upon us to Malama, preserve and protect.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/25/2022 4:29:14 PM

Testimony for HTH on 1/26/2022 1:10:00 PM



<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Molly Mamaril	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Molly Mamaril and I am a resident of Makiki, Hawai'i. I strongly support SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

Molly Mamaril



**LATE**

**SB-2172**

Submitted on: 1/25/2022 5:01:51 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Mary Tam	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Mary Tam and I am a Hawai'i resident, born and raised on O'ahu. I am writing to express my **STRONG SUPPORT** of SB2172, which will help protect our communities and precious freshwater resources.

The Red Hill fuel storage tank crisis is the result of inappropriate and unacceptable fuel storage practices that have been in place for decades. This is beyond a warning. Over time, inaction will inevitably result in similar poisoning situations, hurting our people and 'āina. SB2172 would help prevent a situation like the Navy's Red Hill Bulk Fuel Storage Facility from happening again in Hawai'i.

Please pass SB2172. Mahalo for this opportunity to share my concern and have a voice.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 5:04:17 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Johanna Stone	Individual	Support	No

Comments:

Aloha nui mai nō kākou e nā hoa ē!

My name is Johanna K. Stone, and we have been stewarding our lands and water here in our islands through our food cultivation systems since the beginning of time. We come from Ko‘olaupoko, O‘ahu. Amongst other districts here in our archipelago.

I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer. It is appalling that the jet fuel situation in Kapūkākī (familiarize yourselves with real names of our lands) has even got to this extent where we have literally contaminated ourselves, thus making our lands UNINHABITABLE due to violent American occupation. This is situation normal for America, destruction of all life. Despite Joe Biden saying everyone should "have access to clean water, period." He has done nothing for Kapūkākī, because apparently, his statement, does not apply to our people and our lands.

I am deeply concerned about the current crisis caused by the Navy’s antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to 77% of O‘ahu’s residents. This damage to the Moanalua-Waimalu groundwater aquifer, Kapūkākī, HAS resulted in devastating long-term impacts to the health of our community as well to Hawai‘i’s economy.

SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i. This is the BARE MINIMUM action to be taken. Kapūpākī needs to be DECOMMISSIONED all together. How much damage shall we endure, along with the rest of our relations, until we take action?

In closing, I call upon you folks to hold up your responsibilities to safe guard LIFE, and PASS SB2172. I look forward to swift, decisive action.

me ke aloha nui

johanna k stone

**SB-2172**

Submitted on: 1/25/2022 5:10:22 PM

Testimony for HTH on 1/26/2022 1:10:00 PM



<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Judi Maxwell	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Judi Maxwell, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i!

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 5:22:44 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Tabatha Aiko Knudson	Individual	Support	No

Comments:

Support with ammendments!!

**LATE**

**SB-2172**

Submitted on: 1/25/2022 5:36:53 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jonnetta Peters	Individual	Support	No

Comments:

Aloha Chairs, Vice Chairs and members of the Health and Agriculture & Environment Committees.

I am in favor & support of SB2172 and amendments put forth by the Sierra Club of Hawai'i for protecting Hawai'i's precious resource, our water. Ola i ka wai (that water is life) has been practiced for many generations. We use this water to sustain life, whether it be for drinking, bathing, growing crops (plant and aquatics) and other personal uses. This water also affects our muliwai (estuary) where oceanic resources rely on the wai (water). Fresh, clean water is necessary for sustaining life. That is very basic.

The Red Hill Bulk Fuel Storage Facility has threatened this very crucial resource. The decision to build close to O'ahu's underground aquifers and mismanagement of this installation lead to the contamination of our islands' precious water. This disaster at Red Hill is not new, but continued to be used without regard for the wellbeing of our citizens, wildlife species, and surrounding environment. Everything and everyone is affected by water contamination on an island. It's about time to do something about this travesty. Save our water, save our people, save our environment.

Mahalo au ia 'oukou.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 5:40:43 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Serena Harris	Individual	Support	No

Comments:

I fully support this bill and urge you to pass it.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 6:54:36 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Cristina Bacchilega	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I STRONGLY SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.***

This bill protects our drinking water: an irreplaceable resource, necessity, and gift that the fuel storage tank above the aquifer has already impoverished. Our children and their children deserve to live on this island, and without clean water that is not possible.

Amendments should also ensure that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

*Please **PASS** SB2172 with the above amendments. Mahalo nui!*

*Cristina Bacchilega*

**LATE**

**SB-2172**

Submitted on: 1/25/2022 7:08:50 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Hideki Kimukai	Individual	Support	No

Comments:

To whom it may concern

Healthy water is everything to any form of life. It is undeniable that the leaks from fuel tanks has been threatening the health of communities and threatening the environment. How much is enough? Please shut down Red Hill and other facilities that are threatening Hawaii.

Mahalo nui



**LATE**

**SB-2172**

Submitted on: 1/25/2022 7:23:06 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Madeline C Neely	Individual	Support	No

Comments:

Aloha;

Committee on Health, Senator Jarrett Keohokalole, Chair; Senator Rosalyn Baker, Vice Chair

Committee on Agriculture and Environment, Senator Mike Gabbard, Chair; Senator Clarence

K. Nishihara, Vice Chair:

I strongly support, SB2172, Relating to Underground Fuel Storage Tanks,

I respectfully ask for your affirmative vote and passage of this Senate Bill .

Mahalo Nui, Madeline Neely

**LATE**

**SB-2172**

Submitted on: 1/25/2022 7:29:14 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kapulei Flores	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS SB2172**, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and should be treated as a priority. This is something that will affect our islands source of life and resources for the future generations to come. This whole situation with Red Hill was preventable and now is time to make a change and protect our natural resources.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

**LATE**

**SB-2172**

Submitted on: 1/25/2022 7:56:07 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
STANTON K SOUZA	Individual	Support	No

Comments:

Aloha Mai Kakou,

Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Stanton Keli'i Souza and I am a resident of Honolulu Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

Kind Regards,  
Stanton K. Souza

**LATE**

**SB-2172**

Submitted on: 1/25/2022 7:57:22 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Ashley Kaono	Individual	Support	No

Comments:

**SB-2172**

Submitted on: 1/25/2022 7:59:10 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

**LATE**

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Alison Bhattacharyya	Individual	Support	No

Comments:

I am in support of this bill but it does not go far enough. As written, it only affects new storage tanks and does nothing to address the current Red Hill crisis.

The Navy currently is operating Red Hill without an official permit from the Department of Health. We should NOT approve that permit - and we should make it so they cannot get a permit today or anytime in the future not just wait until 2050. The Navy has already said they will shut down the Red Hill fuel tanks in 2043 if they can't repair them, so this piece of the legislature doesn't really accomplish much. The legislature should take action now to shut down the tanks. The Navy has said "BLAH BLAH BLAH" since the 2014 leak, not listened to warnings about the dangers to the aquifer, insisted they have everything under control, and they are just wrong. As a dysfunctional bureaucracy, they have let an aged facility built in 1945 become so strategically important - they can't shut it down even if they are poisoning their own families. It is appallingly bad planning on the part of the Navy. They should not be trusted to operate these ancient rusting tanks anymore.

Please alter SB2172, so we are not talking about 2050, but we are talking about today, and show that you are earnest in holding the Navy accountable for this disaster. I recommend we change item 2) to read:

"Prohibit the renewal of permits for underground fuel storage tanks within one—half mile of an aquifer, beginning January 1, 2022";

**LATE**

**SB-2172**

Submitted on: 1/25/2022 8:44:47 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Erik Meade	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Erik Meade

**LATE**

Hello, Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Keoni Hanalei Rivera, and I am writing to you to voice my support for SB2172.

I have never before taken the time to write out a testimony such as this, but this bill is so vital, and so crucial, and so necessary, that I am compelled to do it.

I do not want to live through the coming decades with the specter of an inevitable catastrophe hanging over my head (over all of our heads). I do not believe that it is wise nor prudent to house tanks of fuel near aquifers that provide fresh water to the people of Hawai'i, and most particularly when said aquifer provides drinking water to half of our people.

I feel that the recent spill is a resounding wake up call to what could be the future if change is not implemented now. I sometimes wonder where we would be if the last Red Hill leak had been larger, had been spread throughout the aquifer, and had irrevocably poisoned the vital foundational resource we all rely on and need for the very basics of living.

Had an event of that magnitude unfolded this last time around, in my Native Hawaiian eyes, it would have been utterly unforgivable. And the lawmakers, and the University of Hawai'i, and the U.S. Military, and every single person who had put forth a hand—in one way or another, and at one time or another—toward sustaining the system that ultimately destroyed my homeland would, for me, be forever covered in the blood of this aina, no matter their reasons, no matter how sound their justifications, for having kept the status quo going.

Thank you for your time, and I ask you again, please—pass SB2172. We need it.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 9:18:40 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Breanna Rose	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

As a resident of O’ahu, I **strongly support SB2172** relating to the Red Hill underground fuel storage tanks. SB2172 provides tangible steps towards better management decisions for the people and environment of Hawai’i.

We must safeguard the primary drinking water aquifer on O’ahu. Shutting down the Navy’s Red Hill fuel storage tanks is critical to ensure the safety of our island communities. In addition, prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer, as proposed by SB2172, can help mitigate against future contamination and risk elsewhere in Hawai’i.

Thank you for the opportunity to testify and your deliberation on this important issue.

Mahalo,

Breanna Rose



**LATE**

**SB-2172**

Submitted on: 1/25/2022 9:38:55 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Lorraine Waianuhea	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Lorraine Waianuhea

**LATE**

**SB-2172**

Submitted on: 1/25/2022 10:33:31 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Shaeralee-Tiare Manosa	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Shaeralee-Tiare Manosa, I am a resident of Hawai'i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please **PASS** SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 10:52:45 PM  
Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Logan Johnasen Halas	Individual	Support	No

Comments:

January 25, 2022

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Logan Johnasen Halas. I am a resident of Hawai‘i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy’s antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O‘ahu’s residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai‘i’s economy.

SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i. In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

Mahalo nui,

Logan

**SB-2172**

Submitted on: 1/25/2022 11:46:51 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

**LATE**

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
pahnelopi mckenzie	Individual	Support	No

Comments:

I support Sb 2172 that prohibits operation and renewal of fuel storage tanks located near aquifers. I find the date of 2050 to be way far off and that this law should go into effect at a much sooner date. This is 28 years from now and fuel storage near aquifers for the his long of a time from now can have catastrophic effects. The fuel storage tanks were built in less time than this and should be removed and denied renewal at a much faster pace than 28 years. I do support this bill and further measures need to be made for a sooner date of removal.

**LATE**

**SB-2172**

Submitted on: 1/25/2022 11:46:54 PM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
B.A. McClintock	Individual	Support	No

Comments:

***I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.***

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo nui!*

**LATE**

**SB-2172**

Submitted on: 1/26/2022 12:34:49 AM  
Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Frankki	Individual	Support	No

Comments:

I support SB2172.

**LATE**

January 26, 2022

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Sandra C. Castell, I am a resident of Hawai'i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure

Yours truly,  
Sandra C. Castell  
Ewa Beach

**LATE**

**SB-2172**

Submitted on: 1/26/2022 2:20:10 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Dylan Okihiro	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Dylan Okihiro, and I am a resident of Salt Lake & Ala Moana. I strongly support SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please pass SB2172. Mahalo for this opportunity to testify on this measure.



**LATE**

**SB-2172**

Submitted on: 1/26/2022 4:36:22 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
B. Noelani Iokepa-Guerrero	Individual	Support	No

Comments:

I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

**LATE**

**SB-2172**

Submitted on: 1/26/2022 6:07:40 AM  
Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Makaiwa kanui	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Makaiwa Kanui, I am a resident of Hawai‘i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy’s antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O‘ahu’s residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai‘i’s economy.

SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/26/2022 6:09:06 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kimberly Pecana	Individual	Support	No

Comments:

Water is life.. Shut down all military tanks. Save our waters and people

**LATE**

**SB-2172**

Submitted on: 1/26/2022 7:09:26 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
danielle marilyn west	Individual	Support	No

Comments:

*Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,*

***I SUPPORT WITH AMENDMENTS SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.***

*Please amend this measure by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.*

*Please PASS SB2172 with the above amendments. Mahalo nui!*

*-danielle west*

**SB-2172**

Submitted on: 1/26/2022 7:38:14 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

**LATE**

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Colleen Rost-Banik	Individual	Support	No

Comments:

Aloha. My name is Colleen Rost-Banik and I am a resident of Honolulu. I support the passage of SB2172 and urge you to do so as well. We need to hold the Navy accountable for their lackadaisical effort to manage the Red Hill storage tanks (they've known for years that the tanks leak yet have refused to take any significant action), and ensure the safety of our aquifers. We should not be storing fuel in underground tanks that are bound to leak over time. Please protect the water, and thus the lives of humans, plants and animals.

Mahalo for your time.

Colleen Rost-Banik, PhD

**LATE**

**SB-2172**

Submitted on: 1/26/2022 8:30:04 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kehaulani Coleman	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Kehaulani Coleman. I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents.

Please then decommission the Red Hill site which was a shortsighted decision to begin with.

This was an irreplaceable gift given by the Creator for our stewardship of life. Please correct the original wrong. This time, choose life.

Mahalo



**LATE**

**SB-2172**

Submitted on: 1/26/2022 9:08:42 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Crysten Kalua	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Crysten Kalua, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/26/2022 9:10:18 AM  
Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kyle K Kajihiro	Individual	Support	No

Comments:

Thank you for hearing this bill. Our water on O‘ahu has been contaminated by the Navy's deteriorating Red Hill Bulk Fuel Storage Facility. But the danger of a much more catastrophic disaster continues to loom. As the Department of Health hearings officer Day stated, these tanks are a "ticking time bomb" over our most important source of drinking water. Urgent action is needed to drain the fuel as soon as possible and permanently decommission these relics. I support SB2172 and urge your swift approval. Thank you.



**LATE**

**SB-2172**

Submitted on: 1/26/2022 9:21:50 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Cheyenne Lopes	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Cheyenne Lopes, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/26/2022 9:23:28 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jillian Paulino	Individual	Support	No

Comments:

"Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Jillian Kamakaila Paulino, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure."

**SB-2172**

Submitted on: 1/26/2022 9:24:29 AM

Testimony for HTH on 1/26/2022 1:10:00 PM



Submitted By	Organization	Testifier Position	Remote Testimony Requested
Tiffany Naea	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Tiffany Naea, I am a resident of Hawai‘i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy’s antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O‘ahu’s residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai‘i’s economy.

SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/26/2022 9:27:47 AM

Testimony for HTH on 1/26/2022 1:10:00 PM



Submitted By	Organization	Testifier Position	Remote Testimony Requested
samantha-Shalan lopes	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Samantha-Shalan Lopes, I am a resident of Hawai‘i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy’s antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O‘ahu’s residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai‘i’s economy.

SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.”

**LATE**

**SB-2172**

Submitted on: 1/26/2022 9:28:11 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Akeamakamae Kiyuna	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

‘O wau nō ‘o Ākeamakamae Kiyuna. He Hawai‘i au a he kupa no Kalauao e noho nei ma Hilo. My name is Ākeamakamae Kiyuna. I am a Native Hawaiian and I am from Kalauao and am currently living in Hilo. I am a resident of Hawai‘i. **I STRONGLY SUPPORT SB2172**, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy’s antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O‘ahu’s residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai‘i’s economy.

SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i.

In closing, please PASS SB2172. **Aia i hea ka wai a Kāne? Aia ma lalo, i ka honua, i ka wai hū, i ka wai kau a Kāne me Kanaloa. He waipuna, he wai inu, he wai mana, he wai ola. E OLA NŌ, ‘EA!** Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/26/2022 9:31:38 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Tory Kono	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Tory Auli'i Kono, and I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172 because it attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current and long-term crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure

**LATE**

**SB-2172**

Submitted on: 1/26/2022 9:32:14 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
No'eau Woo-O'Brien	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is No'eau Woo-O'Brien, I am a resident of Hawai'i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.



**LATE**

**SB-2172**

Submitted on: 1/26/2022 9:37:58 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Stanford H. Masui	Individual	Support	No

Comments:

Chairs Keohokalole and Gabbard and members of the committees: I support the intent of this bill, but as presently written suffers from serious deficiencies of deadlines we cannot afford, as the present situation is, (as described by the Department of Health Hearing Officer David Day), "a ticking time bomb". As you are aware there is a huge risk of a catastrophic, permanent disaster of contamination of the entire aquifer.

Under subsection (a), new permits may be issued for new underground tanks July 1, 2022. This section should be changed to read "effective immediately", to prohibit any new installations near the aquifer.

Under subsection (b), the Navy could continue to operate Red Hill until 2050 without any repairs or remediation unless the Navy voluntarily complies with the Dept of Health's order.

The wording needs to be changed to: "effective immediately , unless permission is received from the Department of Health and/or the governor to continue operation for no more than 90 days...(or similar deadline)"

The Navy's refusal to agree or acknowledged State jurisdiction over this facility and its refusal to release the full report of investigation of the 2021 leaks demonstrates that immediate action to force defueling and relocation must be taken by the Legislature.

Thank you for your consideration.

**SB-2172**

Submitted on: 1/26/2022 9:41:55 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

**LATE**

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Tracy Kanahale	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Tracy Kanahale, I am a resident of Hawai'i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**SB-2172**

Submitted on: 1/26/2022 9:54:34 AM  
Testimony for HTH on 1/26/2022 1:10:00 PM

**LATE**

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Nathan Dube	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui loa!

Nathan Dube

**LATE**

**SB-2172**

Submitted on: 1/26/2022 10:03:51 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Jacqueline Balish	Individual	Support	No

Comments:

"Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Jacqueline Balish, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/26/2022 10:07:51 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kialoa Mossman	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Kialoa Mossman, a life long resident of Hawaii and I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a one-half mile radius from a freshwater aquifer.

Being a resident here, I am deeply troubled by the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that has leaked fuel into one of the largest aquifers on island that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/26/2022 10:10:39 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Brianna Lloyd	Individual	Support	No

Comments:

Dear Chair Keohokalole, Chair Gabbard, Vice Chair Baker, Vice Chair Nishihara, and members of the Senate Health and Agriculture and Environment Committees,

**I SUPPORT WITH AMENDMENTS** SB2172, which seeks to protect our islands' most precious resource from fuel contamination. Our water is precious and we all have a duty to protect our islands' source of life for present and future generations.

**Please amend this measure** by: 1) removing reference to the Red Hill Bulk Fuel Storage Facility in the preamble, to avoid potential federal preemption challenges; 2) amending the proposed new definition of "underground fuel storage tank" to apply to facilities with field-constructed tanks, or with a capacity over 100,000 gallons; and 3) ensuring that no permit may be issued or renewed for an underground fuel storage tank, and that no underground fuel storage tank may be operated after the end of this year, for a facility located mauka of the underground injection control line.

Please **PASS** SB2172 with the above amendments. Mahalo nui!

Brianna Lloyd

**LATE**

**SB-2172**

Submitted on: 1/26/2022 10:15:27 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Ihilani Lasconia	Individual	Comments	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is 'Ihilani Lasconia, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/26/2022 10:31:40 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Ernella Kiyuna	Individual	Support	No

Comments:

My name is Ernella Kiyuna, I am a life long resident of Kalauao, Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the U.S. Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long term impacts to the health of our community as well as Hawai'i's economy.

SB2172 would help to ensure that a situation like the U.S. Navy's Red Hill Bulk Fuel Storage Facility is NOT repeated elsewhere in Hawai'i.



**LATE**

**SB-2172**

Submitted on: 1/26/2022 10:51:05 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Faith Kalamau	Individual	Oppose	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Faith Kalamau, I am a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O'ahu's residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai'i's economy.

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/26/2022 10:52:59 AM  
Testimony for HTH on 1/26/2022 1:10:00 PM

Submitted By	Organization	Testifier Position	Remote Testimony Requested
Kuupuamaeole K. Mossman	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Ku‘upuamae‘ole Kiyuna Mossman, I am a resident of Hawai‘i. I was born and raised in Kalauao, O‘ahu, a small ahupua‘a next to ‘Aiea, and currently reside in Kalama Valley, on the edge of Maunaloa. **I STRONGLY SUPPORT SB2172**, which attempts to better protect our precious fresh water resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

Hawai‘i is the most isolated center of population in the world, which (should) make us all that much more aware that certain resources are finite, fresh water being one of them. **It is critically important that we remember this and act accordingly.** This responsibility lies with everyone who relies on Hawai‘i’s fresh water sources, including the Navy and, undoubtedly, with the State.

Article XI, Section 1 of the Hawaii Constitution expressly mandates the State to conserve and protect natural resources, with the explicit inclusion of water, for the benefit of present and future generations in Hawai‘i. In light of the current crisis caused by the Navy’s mismanagement of their antiquated Red Hill fuel storage tanks that have poisoned the aquifer that half of O‘ahu’s residents rely on for fresh water, **it is imperative that the State make every effort to absolutely ensure the protection of our fresh water resources.**

Fresh water is a finite resource that we have always understood to be precious, important, necessary. We will die without fresh water. The severity of that harsh reality should be all the impetus necessary to adequately protect our fresh water sources and to ensure that this doesn’t happen anywhere else in Hawai‘i. **SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i.**

In closing, **please PASS SB2172.** Mahalo for this opportunity to testify on this measure.

**LATE**

**SB-2172**

Submitted on: 1/26/2022 11:00:14 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Evelyn Randles	Individual	Support	No

Comments:

It can't be demonstrated enough how much this measure is needed. The same organization that's meant to protect us has now poisoned us. Had some foreign force done this to us instead, the response would have been immediate.

How can it be stated any clearer, that this measure protects YOU. You are at risk as much as the rest of us. If there was ever a time to think of your self-interest, it's now. You need water to survive, to live. No one can live off jet fuel.

**LATE**

**SB-2172**

Submitted on: 1/26/2022 11:23:29 AM

Testimony for HTH on 1/26/2022 1:10:00 PM

<b>Submitted By</b>	<b>Organization</b>	<b>Testifier Position</b>	<b>Remote Testimony Requested</b>
Kahealani Peleras	Individual	Support	No

Comments:

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Kahealani Peleras, I am Native Hawaiian and a resident of Hawai‘i. I **STRONGLY SUPPORT** SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

I am deeply concerned about the current crisis caused by the Navy’s antiquated Red Hill fuel storage tanks that have poisoned the aquifer that provides drinking water to half of O‘ahu’s residents. This damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our community as well to Hawai‘i’s economy.

SB2172 would help to ensure that a situation like the Navy’s Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai‘i.

In closing, please PASS SB2172. Mahalo for this opportunity to testify on this measure.

Kahealani Peleras

**LATE**

January 26, 2022

Aloha Chairs Keohokalole and Gabbard, Vice Chairs Baker and Nishihara, and members of the Health and Agriculture and Environment Committees,

My name is Ede Fukumoto, a resident of Hawai'i. I STRONGLY SUPPORT SB2172, which attempts to better protect our precious freshwater resources by prohibiting the permitting of underground fuel storage tanks within a reasonable distance from a freshwater aquifer.

At a time where our health is deeply impacted by unknown viruses, I am just as concerned about the current crisis caused by the Navy's antiquated Red Hill fuel storage tanks. These tanks have poisoned the aquifer that provides drinking water to half of O'ahu's residents. The mounting damage to the Moanalua-Waimalu groundwater aquifer could result in devastating long-term impacts to the health of our `aina. It is also sad to see that the Navy and US Government continues to act like this is not an important issue in fact has tried to hide this problem for many, many years I believe in the hope that our community and our people will forget about it. It is already a hideous assumption that they don't care about Hawaii's people but included with this community is their own military families. When will this kind of uncaring attitude about people in general end...when they are all sick or dead???

SB2172 would help to ensure that a situation like the Navy's Red Hill Bulk Fuel Storage Facility is not repeated elsewhere in Hawai'i.

Please PASS SB2172.

Mahalo for this opportunity to testify on this measure.