



HAWAI'I BOARD ON GEOGRAPHIC NAMES (HBGN)

Tuesday, March 3, 2020

10:00 a.m.

Leiopapa A Kamehameha Building
Office of Planning, 6th Floor Conference Room
235 S. Beretania Street
Honolulu, Hawai'i 96813

A G E N D A

1. Call to Order
2. Review of Meeting Minutes for February 3, 2020
3. Public Comments
4. Announcements
5. Discussion and Action on the Report of the Permitted Action Group (PIG) established to gather information and review name proposals for the feature known as "Fissure 8."
6. Review selected place names on the island of Hawai'i (Bobby Camara)
7. Adjourn

This meeting of the Hawai'i Board on Geographic Names (HBGN) will be available for live viewing via Skype for Business. Refer to the HBGN website for connection information (<https://planning.hawaii.gov/gis/hbgn/hbgn-meeting-materials>).

If you need an auxiliary aid/service or other accommodation due to a disability, contact:

Arthur Buto
Email: arthur.j.buto@hawaii.gov
Phone: (808) 587-2894
Fax: (808) 587-2824

as soon as possible, preferably by Tuesday, February 25, 2020. If a response is received after February 25th, we will try to obtain the auxiliary aid/service or accommodation, but we cannot guarantee that the request will be fulfilled.

Upon request, this notice is available in alternate formats such as large print, Braille, or electronic copy.

MINUTES **DRAFT**
FOR THE MEETING OF THE
HAWAI'I BOARD ON GEOGRAPHIC NAMES

DATE: February 4, 2020
TIME: 10:00 a.m.
PLACE: Leiopapa A Kamehameha Building
Office of Planning, 6th Floor Library
235 S. Beretania Street
Honolulu, Hawai'i 96813

AGENDA ITEM 1: Call to Order

Mr. Marzan called the meeting to order at 10:04 a.m.

The following were in attendance:

MEMBERS: Marques Marzan (Bishop Museum)
Holly McEldowney (Department of Land and Natural Resources)
Meyer Cummins (Land Survey Division)
Brad Ka'aleleo Wong (Office of Hawaiian Affairs)
Arthur Buto (Office of Planning)

ABSENT: William Aila (Department of Hawaiian Home Lands)
Kapā Oliveira (University of Hawai'i at Mānoa)
Mary Alice Evans (Office of Planning)

GUESTS: Dane DuPont
Philip Ong

AGENDA ITEM 2: Review of Meeting Minutes for January 7, 2020

MOTION: Mr. Cummins moved to approve the minutes of January 7, 2020; Ms. McEldowney seconded the motion.

The members present voted unanimously to approve the meeting minutes of January 7, 2020.

AGENDA ITEM 3: Public Comments

Philip Ong introduced himself. He is a geologist and is part of the Puna community.

Dane DuPont works with Philip in the Hawai'i Tracker group and is also part of the Puna community. They produced video featuring Uncle Keone talking about the naming of Ahu'ailā'au (Fissure 8).

AGENDA ITEM 4: Announcements

Office of Planning has hired a GIS analyst who will start in March.

AGENDA ITEM 5: Discussion and Action on the Report of the Permitted Action Group (PIG) established to gather information and review name proposals for the feature known as “Fissure 8.”

Mr. Marzan spoke to Hawai‘i County Council Members Lee Loy and Kierkiewicz. Both supported conducting a small meeting with the three name submitters to try to come to an agreement on a single name for the feature. They are willing to facilitate space and time. If agreement can be reached, then they can show unified support for it at larger community meeting at which the full Board could make the naming decision. Mr. Marzan said that the County Council may have some funds set aside to support Board travel to Pāhoa.

Mr. Marzan and Mr. Wong indicated that they are willing and able to set aside the time to travel to Pāhoa for the meeting with the name submitters.

Mr. Cummins asked, “if consensus is not reached by small group, then what?” He agrees with Ms. Oliveira’s statement at an earlier Board meeting that it is the Board’s kuleana to make a decision.

The intention is to just invite the submitters that met the Board’s criteria/guidelines, just the three name submitters. At the earliest, this small meeting could take place in February. If agreement is reached, then they could report back to the Board at its March meeting. A full Board meeting could potentially take place in Puna in April or May. The Board may be able to time the meeting in Puna to coincide with the two year anniversary of the eruption on or about May 3rd which is a Sunday.

Mr. DuPont noted that at the last meeting in Pāhoa, the PIG made it clear that consensus was being sought. However, at the conclusion of the meeting, all the parties seemed to be in the same place. Getting the three name submitters together is a good idea, but the Board may have to make the decision. Even if that’s the case, he doesn’t think there will be major backlash. The “Hub” crew standing in the back at the last meeting in Pāhoa did not speak, but they were there in support of the Ahu‘ailā‘au name. Mr. Wong commented that it is good to know that there is a significant number of supporters for that name.

Mr. DuPont thinks that a ceremony on the two-year anniversary may be a good idea, especially if the county and State are not planning anything, even if it’s just to make the naming decision.

Mr. Ong said that his gauge of the community is that most support the Ahu‘ailā‘au name. He noted that of the name submitters: one is from Kona; another proposed two names, suggesting uncertainty; and that the Ahu‘ailā‘au name was solid from June and hasn’t deviated since.

Mr. DuPont also noted that there are other fissures with distinct features that people will want to name. Mr. Cummins commented that the Board recognizes that this is just the first

of many features resulting from this eruption that will potentially be named, and that these features are not stand alone. It would be nice if the names all tied in with each other.

Mr. DuPont noted that if there is a public ceremony at Fissure 8, the adjacent landowner has bulldozed an area that may provide room for public parking.

Next steps: Mr. Marzan will reach back out to council members to let them know that the Board is “go” for a smaller meeting. Mr. Marzan will also reach out to Renee.

Mr. Marzan will keep Mr. Wong apprised of the status. Mr. Wong noted that OHA has some meeting facilities on the island of Hawai‘i.

Ms. McEldowney noted that State Park’s Kaiwi Scenic Shoreline Park is not in the GNIS. They are considering expanding the park and asked about the official spelling. It’s near Kaloko Beach. *Discussion of this feature will be added to agenda for next meeting.*

Mr. Cummins said that Wahiawa Civic Club wants to change Helemano to Halemano. He’s found several maps that reference Halemano. Ms. McEldowney noted that there are many variant names for that area. Mr. Cummins is not quite ready for the Board to address this feature name yet.

AGENDA ITEM 6: Adjourn

Next meeting will be Tuesday, March 3, 2020 at 10 a.m. in the Office of Planning Conference Room.

Mr. Marzan adjourned the meeting at 10:52 a.m.

REPORT DOCUMENTATION FORM
WATER RESOURCES RESEARCH CENTER
University of Hawaii at Manoa

¹ SERIES NUMBER	Special Report 10.18:91	² COWRR	03-B
³ TITLE	Impoundment of stream flow in West Loch, Pearl Harbor, Oahu, Hawaii: A feasibility study	⁴ REPORT DATE	September 1992
		⁵ NO. OF PAGES	xiv + 165
		⁶ NO. OF TABLES	9
⁸ AUTHORS	Yu-Si Fok Edwin T. Murabayashi	⁹ GRANT AGENCY	
		Division of Water and Land Development Department of Land and Natural Resources State of Hawaii	
		¹⁰ CONTRACT NUMBER	L100 19234
¹¹ DESCRIPTORS:	*impoundment, *flood-control storage, reservoirs, stream flow, water supply development, dams, dam sites		
IDENTIFIERS:	*concrete dams, *flexible membrane structures, *fabridams, Waikele Stream, Waikele Springs, Honouliuli Stream, West Loch, Pearl Harbor, Oahu, Hawaii		
¹² ABSTRACT (PURPOSE, METHOD, RESULTS, CONCLUSIONS)	<p>This study investigated the feasibility of capturing and storing fresh stream water flowing into West Loch, an estuarine, enclosed inland embayment of Pearl Harbor, Oahu, Hawaii, that is accessible to the sea through a narrow channel. The concept is to create a sea-level reservoir in the loch by, in some manner, displacing the salt water with fresh water. Three possible methods for accomplishing this were examined. The first two involved damming the embayment at a desired point on the seaward side by using a conventional impermeable core earth dam or a fabridam or rubber dam, for which their technology is well developed and operational. The third method involved using a flexible impermeable membrane structure to separate the fresh water from the salt water. Thus, the salt water is displaced by the freshwater-filled container without a rigid barrier. This membrane technology is insufficiently developed to use operationally at this time. Six alternative dam sites having reservoirs of varying capacities were examined and analyzed as possible locations for the enclosure. The farthest downstream site has the largest storage capacity not only because of the reservoir's larger surface area, but also because the bottom becomes progressively shallower upstream. Major conclusions were (1) no dam site has a clear advantage because the sites storing the most water are the deeper areas used by the Navy, while the smaller shallower sites cannot store significant amounts, (2) there is sufficient stream inflow to annually fill even the largest reservoir, and (3) environmentally, considerable impact will occur within the reservoir as salinity decreases to freshwater levels.</p>		

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and an average depth of 16.9 ft. The estimated total cost of an earth dam, spillway, intake crib, pipeline, pumping station, and wet well, plus contingency costs, is \$60 million.

The estimated total costs for the other two water separation structures are as follows:

1. Sausage-shaped and sand-filled rubber bag/membrane structure: \$33 million.
2. Beaching-ships barrier dam. At this site, three 600-ft and one 500-ft-long ships would be needed to form the dam, leaving about 450 ft for the construction of a spillway. The estimated cost is \$31 million if the Navy provides the ships free. Site 4 will have a reservoir surface area of 813 acres and a storage volume of 4,178 acre-ft.

Site 5

This alternative dam site has two sections. The first connects Loch Point and Laulaunui Islet; the second connects Laulaunui Islet and Hō'ae'ae Point, as shown in Figures 11 and 15 of the main body. The first section has a length of 2,500 ft, and the second section a length of 850 ft. The average depth of the first section is 14 ft, while that of the second section is only 1.2 ft. The reservoir surface area is about 465 acres, with a storage volume of 2,866 acre-ft. This storage volume is too small because it is less than one-tenth of the average annual inflow volume of Waikele Stream.

The estimated total cost of an earth dam and its supporting structures (see the section on alternative site 4) is \$51.5 million.

The costs of the other two types of water separation structures include:

1. Sausage-shaped and sand-filled rubber bag/membrane structure: \$31.7 million.
2. Beaching-ships barrier dam. At this site, four 500-ft-long ships or five 400-ft-long ships would be needed to create a 2,000-ft dam, leaving 500 ft for the construction of a spillway. The second section of this dam site is very shallow and can be enclosed with dredged material or by means of a sausage-shaped sand-filled rubber dam. The estimated cost is \$32 million if the Navy provides the ships free of charge.

It should be noted that \$22 million has been added to the estimated cost of the above two water separation structures. This cost has also been added to the cost assessments for alternative sites 2, 3, and 4 and was based on the estimated cost reported by BWS for alternative site 3, \$5.5 million in 1973 dollars, \$22 million in 1990 dollars.

Site 6

This site also has two sections of dams. The first connects Kapakahi Point and Laulaunui Islet, the second connects Laulaunui Islet and Hō'ae'ae Point. The first section has a length of 2,920 ft and an average depth of 6.2 ft, while the second section (the same as what was described for

AGENDA ITEM #6
Hawai'i Board on Geographic Names
Selected Place Names on the Island of Hawai'i

Status Key: 1 = Not Hawaiian; 2 = Not Reviewed; 3 = More Research Needed; 4 = HBGN Corrected 5 = Already Correct in GNIS; 6 = Name Change								
Stat	FeatID	URL	Name	Class	Corrected	Source	Notes	USGSQuad
2	363892	https://g	Pu'ukulua	Summit				Puuulaula
2	362511	https://g	Nāpu'ukūlua	Ridge				Punaluu
2	362512	https://g	Nāpu'ukūlua	Summit				Kipukapakekake
2	362513	https://g	Nāpu'ukūlua	Summit				Naohuleelua
2	362515	https://g	Nāpu'ukūlua Lava Flow	Lava				Kipukapakekake
3	364016	https://g	Puu o Kaau	Summit			PNH: not listed; HBGN: combined, Pu'uokaau; HBGN: Mr. Camara said that this point is down at the coast.	Naalehu
3	361674	https://g	Lae Pohue	Cape			PNH: not listed	Naalehu
3	360987	https://g	Keanakaluapuaa	Bay			PNH: not listed	Naalehu
3	363505	https://g	Puhiopaheehee	Cape			PNH: not listed	Naalehu
3	364183	https://g	Puuo Point	Cape			PNH: not listed; HBGN: combined, Pu'uo	Naalehu
2	2634486	https://g	Napumaia (historical)	Populated Place				Naalehu
3	363550	https://g	Punahaha	Cape			PNH: not listed	Pahala
3	364735	https://g	Wailohi	Area			PNH: not listed	Papa
3	364223	https://g	S Mowai	Area			PNH: not listed	Papa
3	362765	https://g	'Ōkole Gulch	Valley			PNH: not listed	Papaaloo
3	361672	https://g	Lae o Puni	Cape			PNH: not listed	Papaikou
3	361102	https://g	Keliuli Bay	Bay			PNH: not listed	Pohue Bay
3	360760	https://g	Kaupuaa	Bay			PNH: not listed	Pohue Bay
3	361288	https://g	Kipuka Kanohina	Lava			PNH: not listed	Pohue Bay
3	361287	https://g	Kipuka Kamiloaina	Lava			PNH: not listed	Pohue Bay
3	361321	https://g	Kipuka Pueo	Lava			PNH: not listed	Pohue Bay
3	363623	https://g	Puu o Kamaoa	Summit			PNH: not listed; HBGN: combined, Pu'ukamaoa	Pohue Bay
3	361534	https://g	Kukuihae	Area			PNH: not listed; HBGN: found on Ulukau as Kukuiha'a from BC:85	Pohue Bay
3	361323	https://g	Kipuka Waiahuli	Lava			PNH: not listed	Pohue Bay
3	361003	https://g	Keanapukalua	Cape			PNH: not listed	Puu Hinai
3	361670	https://g	Lae o Panipou	Cape			PNH: not listed; UHP: Laeopanipou, uncertain p & m	Puu Hinai
3	361669	https://g	Lae o Ili	Cape			PNH: not listed	Puu Hinai
3	361306	https://g	Kipuka Mamani	Area			PNH: not listed	Puulehua

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Stat	FeatID	URL	Name	Class	Corrected	Source	Notes	USGSQuad
3	361302	https://gnis.gov	Kīpuka Major	Area			PNH: not listed	Puulehua
3	361314	https://gnis.gov	Kipuka Paluli	Area			PNH: not listed	Puulehua
3	362751	https://gnis.gov	Ōhi'anui	Area			PNH: not listed	Puulehua
3	361317	https://gnis.gov	Kipuka Peehi	Lava			PNH: not listed	Puuokeokeo
3	360545	https://gnis.gov	Kapoalaala	Summit			PNH: not listed	Puuokeokeo
3	1853082	https://gnis.gov	Okole Stream (historical)	Stream			PNH: not listed	Unknown
3	364022	https://gnis.gov	Puu Ohau	Summit			PNH: not listed; UHP: Pu'uohau	Unknown

AGENDA ITEM #6

From: [BobbyC](#)
To: [Buto, Arthur J](#)
Subject: [EXTERNAL] BobbyC query
Date: Monday, February 10, 2020 8:23:20 AM

Hi Arthur,
Perplexed by
Pu'ukulua
Napu'ukulua
Frank Trusdell says there's only one on Maunaloa.
Insight welcome.
Thanks,
BobbyC

be outside...pay attention
noho i waho...a maliu