

HO'OKAHI ALVES
P.O. Box 245
Pu'unēnē, Hawai'i 96784

2016 FEB -3 AM 9:43

WATER USE PERMIT APPLICANT PRO SE

COMMISSION ON WATER RESOURCE MANAGEMENT

STATE OF HAWAI'I

Surface Water Use Permit Applications,) Case No. CCH-MA15-01
Integration of Appurtenant Rights and)
Amendments to the Interim Instream Flow) TESTIMONY OF HO'OKAHI ALVES;
Standards, Nā Wai 'Ehā Surface Water) EXHIBITS "2260-ALVES-1" - "2260-
Management Areas of Waihe'e, Waiehu,) ALVES-4"
'Āao, & Waikapū Streams, Maui)
)
)
)

TESTIMONY OF HO'OKAHI ALVES

1. This testimony is provided in support of Surface Water Use Permit Application ("SWUPA") Nos. 2260 and 2261, filed with the Commission on Water Resource Management on April 23, 2009, for a parcel in Waikapū, Tax Map Key ("TMK") No. (2) 3-6-006:027. My 'ohana and I have lived on this land since October 2014, when we purchased it from the Jinsei Miyashiro Trust.

2. We are a Native Hawaiian 'ohana who are descendants of native Hawaiians who inhabited the Hawaiian Islands prior to 1778. Pursuant to Article XII, Section 7 of the Hawai'i Constitution and Hawai'i Revised Statutes ("HRS") section 174C-101, our uses of stream water are traditional and customary cultural practices that are protected public trust purposes.

3. Our domestic water use is also a protected public trust purpose.

4. Because our land is adjacent to Waikapū Stream and stream water was being used on the land on April 30, 2008, and is currently being used on the land, we have riparian rights which are protected under Article XI, Section 7 of the Hawai‘i Constitution.

5. Based on the information set forth below, I request recognition of appurtenant rights for TMK No. (2) 3-6-006:027 in the amount of 213,600 gallons per day. I request a Surface Water Use Permit for my current and future reasonable-beneficial use for TMK No. (2) 3-6-006:027 of 150,600 gallons per day.

QUANTIFICATION OF APPURTENANT RIGHTS

6. TMK No. (2) 3-6-006:027 is comprised of portions of two Land Commission Awards (“LCAs”): ‘āpana 5 of LCA No. 10481 to Napailoi, confirmed by Royal Patent (“RP”) No. 3131 and ‘āpana 1 through 3 of LCA No. 5280 to Kahuhu, confirmed by RP No. 6699. TMK No. (2) 3-6-006:027 is also partly comprised of ‘āpana 2 of Government Grant 1678 to Opio Haa. I am attaching various Māhele documents that confirm water use on TMK No. (2) 3-6-006-027 at the time of the Māhele.

7. Attached as “2260-ALVES-1” is a true and correct copy of LCA No. 10481 to Napailoi, as well the native testimony supporting the award.

8. Attached as “2260-ALVES-2” is a true and correct copy of LCA No. 5280 to Kahuhu, as well as the foreign testimony (original in English) supporting the award.

9. Attached as “2260-ALVES-3” is a true and correct copy of Government Grant No. 1678 to Opio Haa.

10. A true and correct copy of a screen shot from the Office of Hawaiian Affairs’ Kīpuka Database depicting TMK No. (2) 3-6-006:27 is also attached as “2260-ALVES-4.” This

image has been marked to show the boundaries of TMK No. (2) 3-6-006:27 (blue), as well as the boundaries of the LCAs (red and purple) and Government Grant (green).

11. The documents in 2260-ALVES-1, referring to LCA No. 10481, confirm that 'āpana 5 was cultivated in lo'i kalo: the native testimony describes 'āpana 5 as a "Paukukalo," which we understand to mean a section of land devoted to wetland kalo cultivation.

12. The documents in 2260-ALVES-2, referring to LCA No. 5280, confirm that 'āpana 1 through 3 were also lo'i kalo lands: the foreign testimony describes 'āpana 1 as "a section of lois," 'āpana 2 as containing "3 lois," and 'āpana 3 as containing "2 lois." The LCA itself mentions a pō'alima within 'āpana 1, 2, and 3, which is the land eventually awarded to Opio Haa via Government Grant No. 1678.

13. Our land, TMK No. (2) 3-6-006:027, is 0.712 acre.

14. Based on the Māhele documents in ALVES-2260-1 and ALVES-2260-2, the quantification of the appurtenant rights is the amount of water sufficient to grow kalo on 0.712 acres using traditional methods.

15. It is my understanding that, on average, taking into account fallow lo'i and uncultivated areas such as banks between lo'i, healthy wetland kalo requires between 100,000 and 300,000 gallons of water per acre per day ("gad"), and that areas with greater proportions of lo'i in cultivation will require an amount closer to the upper end of this range.

16. Thus, in my best estimation, the water right appurtenant to TMK No. (2) 3-6-006:027 is 213,600 gallons per day ("gpd") (0.712 acre x 300,000 gad).

AMOUNT REQUESTED UNDER PERMIT

17. Currently, we divert water from the 'auwai that runs along to the South of Waikapū Stream. Water is diverted from Waikapū Stream by an intake and then continues to

Reservoir #1 via pipes and ditches. The water continues makai in more pipes and ditches until it passes our kuleana where, at the mauka corner of our property we divert water for our lo'i kalo and other crops such as papaya, sweet potato, and guava. We have restored three lo'i, and would like to open more lo'i, on up to .5 acre of our land, but currently do not have sufficient water to do so. In addition to lo'i kalo, we currently maintain a non-commercial garden of papaya, sweet potato, and guava. I am requesting a permit for the amount of water necessary for these uses.

18. I believe that the amount of 150,600 gpd is sufficient for our water uses. I arrived at this number by multiplying the area of our existing and proposed lo'i (.5 acres) by the water duty for kalo (300,000 gad). I then added another 600 gpd for the non-commercial garden. 600 gpd is the 2002 State of Hawai'i Water System Standard for a single family home's domestic water uses in Maui County, which I believe is sufficient at this time.

Reasonable-Beneficial Analysis

19. My existing use is "reasonable-beneficial," defined as: "the use of water in such a quantity as is necessary for economic and efficient utilization, for a purpose, and in a manner which is both reasonable and consistent with the state and county land use plans and public interest." Hawai'i Revised Statutes § 174C-3.

20. The quantity I am requesting is necessary for the economic and efficient irrigation of our lo'i kalo and home garden. Our use of the stream water is economic and efficient, as we use only the amount needed to irrigate our lo'i and garden, and we implement measures to minimize water loss.

21. Our use of stream water to irrigate lo'i kalo and a home garden is also consistent with the state and county land use plans and the public interest. Our land is classified by the

State as urban, and zoned by the County as agricultural. Our use of water for kalo cultivation and a home garden is in the public interest and fulfills public trust purposes.

Alternatives Analysis

22. Because our land has appurtenant rights to stream water in the nature of an easement that was conveyed at the time of the Māhele, and because, by using stream water, we are exercising our traditional and customary rights as Native Hawaiians to grow kalo in the traditional manner, we are not required to provide an alternatives analysis to show that we have no practicable alternative source of water. Our appurtenant and traditional and customary rights are for stream water, not for water from any other source, and the exercise of these rights enjoys maximum protection and first priority under the law. Nonetheless, the Alternatives Analysis set forth in the SWUPA remains applicable, true, and correct.

23. Other alternatives, such as municipal water, reclaimed wastewater, water from other ditch systems, desalinized water, and groundwater, are not practicable alternatives to the 'auwai water from Waikapū Stream. Requiring me to pay for these alternatives would impose an unfair and impracticable cost on me and my family, given that we are a small, non-commercial water user exercising our traditional and customary rights to grow kalo.

SUMMARY

24. In sum: (1) our domestic water use is a protected public trust purpose; (2) our 'ohana's traditional and customary right to grow kalo is a protected public trust purpose; (3) the exercise of our appurtenant right is a protected public trust purpose, and we are entitled to 213,600 gallons per day; (4) at this time, we request a permit for our current and future reasonable-beneficial uses on the property of 150,600 gallons per day, and this water will be

used to irrigate our lo'i kalo and garden, which are reasonable-beneficial uses of stream water,
for which there is no practicable alternative.

I, HO'OKAHI ALVES, do declare under penalty of law that the foregoing is true
and correct.

Dated: Waikapū, Hawai'i, 1/29/16.



HO'OKAHI ALVES
WATER USE PERMIT APPLICANT PRO SE

Uku Tasi Lora #6.

H. H. W.
J. M. Robertson
J. Kaulahao
H. Smith

Honolulu June 25 1852

Hulu 10481 Napailoi

Hai kapu Mau

Kulu ana 10481 no Napailoi Hai kapu Mau

Apana 1 Mahale 1 ili o Paalae i hoomaka ma ke kahi i hikiina i pili ana me ka hikiina a e
 He 23° He 170 Kk e pili ana me ke kahi i hikiina He 53° He 34 Kk e pili ana me ke kula He 1
 34 Kk e pili ana me ke kahi i hikiina He 71 1/2° He 202 Kk e pili ana me ke kula He 112 He 19
 ma ke kula a hiki ana kahi i hoomaka i - 1/2 Eka

Apana 1 Mahale 2 ili o Paalae i hoomaka ma ke kahi i hikiina ma kahi i hoomaka
 a e holo He 26 3/4° He 76 Kk e pili ana me ke kula He 53° He 285 e pili ana me ke kula
 He 20 1/2° He 66 Kk e pili ana me ke kula He 65 1/4° He 242 Kk e pili ana me ke kula a e holo
 i hoomaka i - 1/2 Eka

Apana 1 Mahale 3 ili o Paalae ma ke kahi i hikiina ma kahi i hoomaka
 He 17° He 115 Kk e pili ana me ke kula He 53 1/2° He 76 Kk e pili ana
 He kula He 172 He 112 Kk e pili ana me ke kula He 58 1/2° He 21 Kk e pili ana me ke kula
 i kahi i hoomaka i - 1/2 Eka

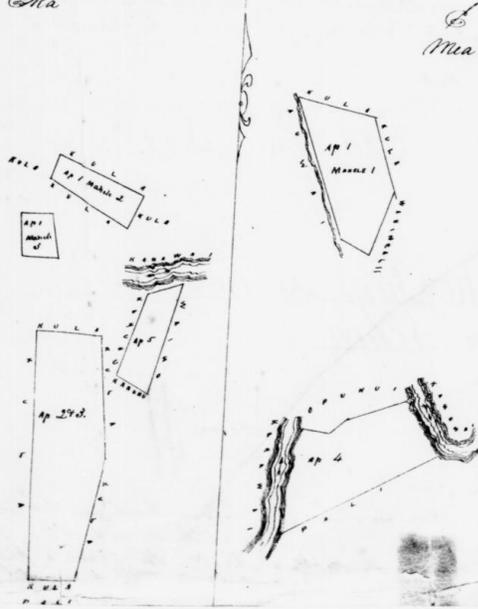
Apana 2 ili o Naikalulu i hoomaka i ka Mau tonohana a e holo He 53 1/2° He 163 Kk
 e pili ana me ke kula maalo He 172 He 204 Kk e pili ana me ke kula maalo He 14 1/2° He 245
 Kk e pili ana me ke kula maalo He 35 He 24 Kk e pili ana me ke kahi i hoomaka i He 624 Kk
 e pili ana me ke kula maalo i kahi i hoomaka i - 1/2 Eka

Apana 4 ma ke kula ana me ke kahi i hikiina ma ke kahi i hoomaka ma ke kahi i hikiina
 hawaii kahi i haalele ai ke wai i ka pali kahi i hoomaka i kahi i hoomaka a e holo He 172 He 112
 Kk e pili ana me ke kula He 76 He 74 Kk e pili ana me ke kula He 53 1/2° He 112
 e pili ana me ke kula He 15 He 161 Kk e pili ana me ke kula He 23 He 16 e 23
 e pili ana i ke kahi i hoomaka i He 65 He 131 Kk e pili ana me ke kahi i hoomaka i He 112 He 112
 Apana 5 ili o Kaopala i hoomaka ma ke kahi i hikiina ma ke kahi i hoomaka i kahi i hoomaka
 a e holo He 30 He 236 Kk e pili ana me ke kula He 53 1/2° He 88 Kk e pili ana me ke kula
 He 23 He 221 Kk e pili ana me ke kula He 172 He 76 Kk e pili ana i ke kahi i hoomaka i
 kahi i hoomaka i - 1/2 Eka

54
19
70
35
22
274
868

April 23 1852

J. Bailey
Mea ana ana



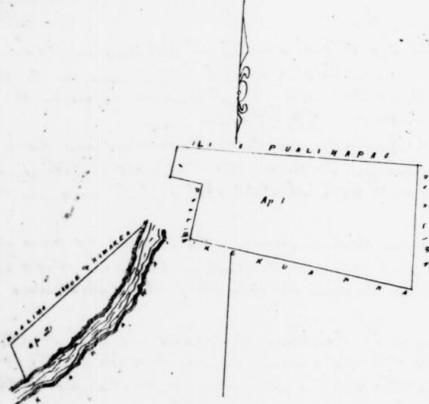
Uku Pau Ioa #6.

Hille
J. M. Robertson
J. Kaulahoe
J. H. Smith

Honolulu June 25 1852

Heleu 2980 Pakeli

Waikapu Maui



Heleua 2980 mo Pakeli Waikapu Maui
 Apana 1 ili o Kaaia i hoomaka ma ke kahi Komohana Maui e pili ana me ka ili o Pualinapas
 a e holo ke 57¹/₂ He 69 He e pili ana me ka ili o Pualinapas He 9¹/₂ He 512 He e pili ana
 me ka Pualima He 189¹/₂ He 572 He e pili ana me ka Kaurapaa He 9¹/₂ He 144 He e pili
 ana me ka Pualima He 58¹/₂ He 52 He e pili ana me ka Pualima He 1¹/₂ He 75 He
 e pili ana me ka ili o Pili i kahi i hoomaka i 1⁵/₁₀ Ika
 Apana 2 ili o Olohu i hoomaka ma ke kahi Komohana oia ke kahi He o ka
 Pualima a e holo He 45 He 128 He e pili ana me ka Pualima He 45 He 318 He e pili ana
 me ka Kaurapaa He 52¹/₂ He 14 He e pili ana me ka Kaurapaa He 45 He 30 He e pili ana
 i ke Kaurapaa He 25 He 76 He e pili ana me ka Kaurapaa ma a i kahi i hoomaka i 2³/₁₀ Ika
 E. Bailey
 (Mea ana aina)

April 27 1852

Uku Pau Ioa #5

Hille
J. M. Robertson
J. Kaulahoe
J. H. Smith

Honolulu June 25 1852

Heleu 3348 Nihau

Waikapu Maui



Heleua 3348 mo Nihau ili o Palama Waikapu i hoomaka ma ke kahi Komohana
 a e holo He 55¹/₂ He 452 He e pili ana me ka Kaurapaa
 He 189¹/₂ He 128 He e pili ana me ka Kaurapaa
 He 189¹/₂ He 64 He e pili ana me ka Kaurapaa He 45 He 30 He e pili ana me ka
 Kaurapaa He 25 He 76 He e pili ana me ka Kaurapaa ma a i kahi i hoomaka i 2³/₁₀ Ika
 E. Bailey
 (Mea ana aina)

2260-ALVES-1-P.3

730

RP 3131

Kete 10181 Maipaitoi Maikafue Mauu

Kuleana 10181 ne Maipaitoi Maikafue Mauu.

Upeua i Mahala i Ihi e Paalae e haramaha ma te kahi Kikina e fute
a e hute ano He 25 He 26 He 27 e fute ano me te haramaha
ana me te haramaha He 27 He 28 He 29 e fute ana me te Kula He 28 He 29 He
e fute ana me te auna He 29 He 30 He 31 e fute ano me te Kula He 28 He
30 He ma te Kula a hiki me kahi i haramaha ai. He e ka.

Upeua i Mahala i Ihi e Paalae e haramaha ma te kahi Kikina me
kahi i haramaha a e hute He 26 He 27 He 28 e fute ana me te Kula He 27 He 28
e fute ana me te Kula He 28 He 29 He 30 e fute ana me te Kula He 28 He 29
He e fute ano me te Kula i kahi i haramaha ai. He e ka.

Apana 1 Mahala 3 He e Laatou Moa ke kiki Hema e ka Mahala 2
e ana He 67th He 211th He e ke kiki moa He 9th He 113th He e pili ana me ke Kula,
Alh. 13th He 9th He e pili ana me ke Kula, Alh. 1th He 112th He e pili ana me ke Kula
He 10th He 51th He e pili ana me ke Kula e kahi i hirmakai. He Eha.

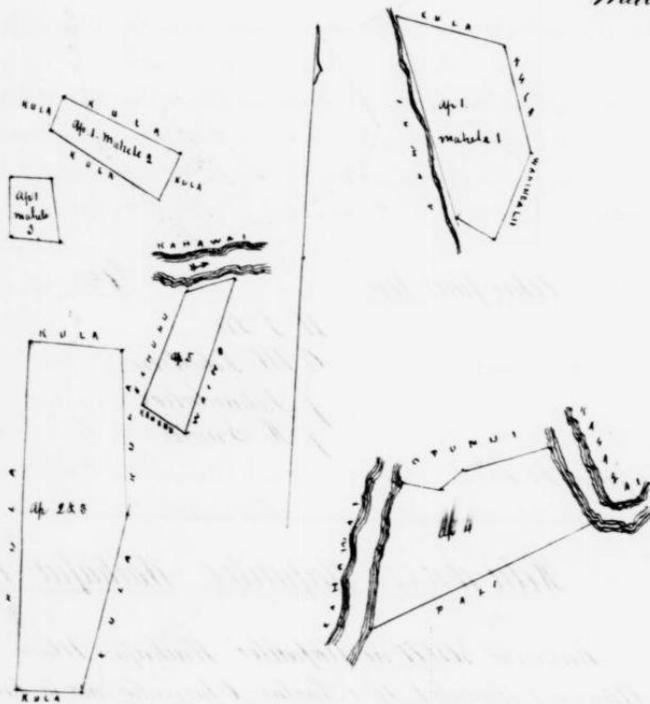
Apana 2 3 He e Maikalulu e hirmaka i ka Ulu Hemehana a e kiki
He 23th He 161th He e pili ana me ke Kula mator He 14th He 324th He e pili ana me ke
Kula mator He 10th He 325th He e pili ana me ke Kula mator, Alh. 25th He 124th He e pili
ana me ke pali Alh. 1th He 124th He e pili ana me ke Kula mator i kahi i hirmakai. He Eha.

Apana 4 Ma ke huai ana me kiki hui haa ma ka ili e Kalapa e hirmaka
ma ke Kahawai kahi i haalele ai ka uhi i ka pali kiki maui e hui Apana a e kiki
Alh. 12th He 273th He e pili ana me ke Kahawai, He 4th He 4th He e pili ana me ke Opunui
Alh. 55th He 5th He e pili ana me ke Opunui, Alh. 45th He 161th He e pili ana me ke Opunui,
He 21th He 161th He e pili ana i ke Kahawai He 66th He 134th He e pili ana me ke pali
a kahi i hirmakai. He Eha.

Apana 5 He e Kaupala e hirmaka ma ke Kahawai kiki Ulu e pili
ana me Haiho a e kiki He 21th He 216th He e pili ana me Haiho Alh. 51th He 11th He e pili
Alh. 21th He 216th He e pili ana me Kahawai,
ana me Kahawai, Alh. 49th He 9th He e pili ana i ke Kahawai i kahi i hirmakai.
He Eha.

April 23 1852

G. Bailey
Miramoaia



Ulu paau loa

6th

H. L. Lee
G. M. Robertson
J. Kakaohaka
J. H. Smith

Honolulu June 25 1852

- 1. Apapa: Pauhukalo & Aulala ma Paaka ete ma Waikapa
- 2. Puhake & Aulala ma Waikahaka ete
- 3. Owaia Teikahi
- 4. Pauhukalo Naapola
- 5.
- 6. Owaia Teikahi Aomauhaka
- 7. Puhake Pihokhu
- 8. Pauhukalo Pakalea
- 9. Aulala waka Tuatae

Ne Aulala mai heia ma Apapa a pau eua i ma la
 o Aomauhaka. Aok eua waka i heka ia ia.

- 1. Eua ma aua. M. o. Kahiki, M. o. Uawa, M. o. Owa
- 2. Eua ma aua. M. o. Uawa ma M. o. Aomauhaka, M. o. Pa. Oupuni
- 3. Eua ma aua. M. o. Uawa ma M. o. Aomauhaka, M. o. Owa
- 4. Eua ma aua. M. o. Uawa ma M. o. Aomauhaka, M. o. Aomauhaka, M. o. Uawa
- 5. Eua ma aua. M. o. Uawa, M. o. Kahiki, M. o. Pahi, M. o. Uawa
- 6. Eua ma aua. M. o. Aomauhaka, M. o. Uawa, M. o. Aomauhaka, M. o. Uawa
- 7. Eua ma aua. M. o. Uawa, M. o. Pahi, M. o. Aomauhaka, M. o. Uawa
- 8. Eua ma aua. M. o. Uawa, M. o. Aomauhaka, M. o. Aomauhaka, M. o. Uawa
- 9. Eua ma aua a pau o heia Apapa, Uawa ma a pau.

1847 Aomauhaka

June 14 1847

Aomauhaka Aomauhaka. Eua ete aua heka ete Apapa ma Waikapa
 Eua ma Apapa ma Aomauhaka i Aulala

- 1. Apapa: Pauhukalo ma Owaia ete ma Waikapa
- 2. Aomauhaka Aomauhaka i Aulala
- 3.
- 4.
- 5.
- 6.
- 7.

Ne Pauhukalo mai ka Apapa i ka M. o. M. o. Ne Aulala
 mai ma Apapa. Aulala a pau ma Aulala. M. o. Kahiki, Aulala Aomauhaka
 Eua ma aua. M. o. Aomauhaka, M. o. Uawa, M. o. Uawa ma M. o. Kahiki.

Ulu Lau 15.
P. H. Allen
G. W. Robertson
J. H. Smith
J. H. Kaulahar

Honolulu 27 Sep 1852.

Ulu 5280 Kauhuhu

Maikapu Maui

Apana 1, 2 & 3. Iki o Kauhuhu. E hoemaka ma ke kahi hema, a pili ana me ka
hiki o Waicho, a e holo, Ak. 15 1/2. No. 260 Ak. e pili ana me ka hiki, Ak. 17. No. 68 Ak.
e pili ana me ka hiki, Ak. 37 1/2. No. 315 Ak. e pili ana me ke Kahawai, No. 221
No. 221 Ak. e pili ana me ka hiki, No. 56 1/2. No. 58. Ak. e pili ana me ke hiki
No. 58. No. 73 Ak. e pili ana me Waicho, a hiki ma ke kahi mua. - 14/100 Eka.

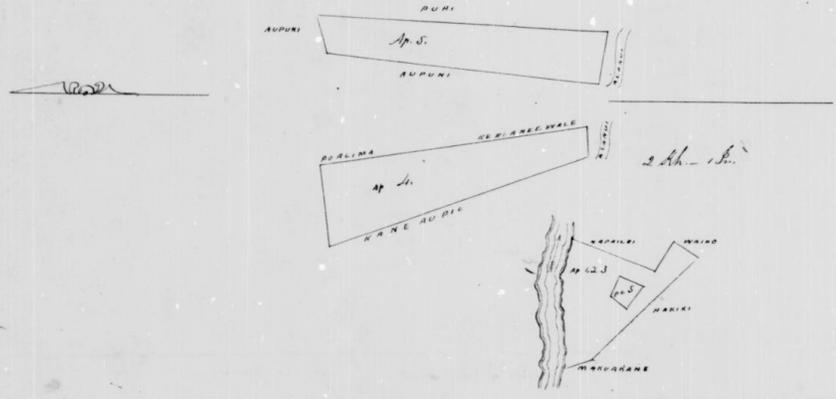
Apana 4. Paakai ma Kealia. E hoemaka ma ke kahi hiki hema, a pili ana i
ke Kauhuhu, a e holo, Ak. 8 1/2. No. 26 Ak. e pili ana me ke hiki, Ak. 15 1/2.
No. 411 Ak. e pili ana me ka hiki, No. 55. No. 205 Ak. e pili ana me ke hiki,
No. 17 1/2. No. 682 Ak. e pili ana me ka hiki, No. 58 1/2. No. 77 Ak. e pili ana me ke hiki
a hiki ma ke kahi mua. - 22/100 Eka.

Apana 5. Paakai ma Kealia. E hoemaka ma ke kahi hiki hema, a pili ana
me ke hiki, a e holo, Ak. 5. No. 730 Ak. e pili ana me ke hiki, No. 17 1/2. No. 95 Ak. e pili ana
me ke hiki, No. 8. No. 68 Ak. e pili ana me ke hiki, No. 17. No. 127 Ak. e pili
ana i ke hiki, a hiki ma ke kahi mua. - 67/100 Eka.

Kealia ma ka Apana 1, 2, 3. E ana ma ke kahi hiki hema. Apana 1, Ak. 57.
No. 43 Ak. a i ke kahi mua, a e holo, Ak. 24. No. 68 Ak. e pili ana me ka hiki,
Ak. 63. No. 57 Ak. e pili ana me ka hiki, No. 37 1/2. No. 52 Ak. e pili ana me ka hiki,
No. 50 1/2. No. 73 Ak. e pili ana me ka hiki, a pili. - 4/100 Eka.

Waikuku, Aug. 20, 1852

E. Bailey
Mea ana aina



Ulu Lau 15.
P. H. Allen
G. W. Robertson
J. H. Smith
J. H. Kaulahar

Honolulu 27 Sep. 1852

N^o 1 is a section of land in Puhia.

2 " " " " " " " "

The title of N^o 1 & 2 from Kapunpatochre before Tamahamaha II. and N^o 3 in the days of Tamahamaha I from Kaka. No title as now disputed. There is one pounua and one paahau in N^o 1 and 2 pounua in N^o 2, and 3 pounua in N^o 3.

N^o 1 is bounded Mauka, by a pupu's land. Waika, by Tehuai's land. Kaha, by a pupu's land. Maalaea, by a pupu's land & a pupu's land.

N^o 2 is bounded Mauka, by the Creek of Waikapu. Waika, by the Pahi of Waikapu. Kaha, by George Han's land. Maalaea, by the Creek of Waikapu.

N^o 3 is bounded Mauka, Waika & Kaha sides, by the Creek of Waikapu. Maalaea, by the Pahi.

C. 5284. Kihaha

Agai de The Old land consist of 5 pieces of land in Waikapu, Muni.

N^o 1 is a section of land in Waikapu

2 " 3 land piece

3 " 2 " " " "

4 " a salt land " " "

5 " " " " " "

The title of N^o 1 from my father Kaka in older days the first four pieces, and N^o 5 from Kapunpatochre in Puhia. No title has ever been disputed.

N^o 1 is bounded Mauka, by a pupu's land. Waika, by the Creek of Waikapu. On other two sides, by my land.

N^o 2 is bounded Mauka, by a pupu's land. Waika, by Tamahamaha's land. Kaha, by Kaka's land. Maalaea, by my land.

N^o 3 is bounded Mauka, by my land. Kaha, by a pupu's land. Waika, by my land. Maalaea, by the same.

N^o 4 is bounded Mauka & Kaha sides, by my land. Waika, by the same. Maalaea, by a pupu's land.

N^o 5 is bounded Mauka, by Kapunpatochre's land. Kaha,

HELU

1871

PALAPALA SILA NUI.

Ma keia Palapala Sila Nui ke hoike aku nei o Kamehameha III, ke Alii nui a ke Akua i kona lokomaikai i hoonoho ai maluna o ko Hawaii Pae Aina, i ge kanaka a pau, i keia la, nana iho, a no kona mau hope Alii, ua haawi lilo loa aku oia ma ke ano alodio ia *Hoaa-Opio* i kona *wahi* kanaka i manao pono ia in, i kela apana aina a pau e waiho la ma *Kaopala* ma ka Mokupuni o *Mau*; a penoi hoi ka waiho ana o na Mo'una:

1. *Ikormaka* ma ke kiki *Aliau* a e *Kolo*
Ke 63 1/2 Ke 57 hault a me
Ke 21 Ke 21 " "
At 67 Ke 57 " "
At 25 Ke 75 " ma ka aina o Ke ahihi a pumi

2. *Ikormaka* ma ke kiki *Aliau* a e *Kolo*
Ke 53 Ke 57 hault a me
Ke 24 Ke 61 " "
At 58 1/2 Ke 75 " "
*At 37 1/2 Ke 52 " ma ke *Kahului* a pumi*

3. *Ikormaka* ma ke kiki *Aliau* a e *Kolo*
Ke 64 Ke 61 hault a me
*Ke 56 1/2 Ke 97 " ma ke *Mataua* a me*
At 52 1/2 Ke 52 " "
*At 23 Ke 18 " ekele waa ma ke *Uaieho* *Aua* a pumi *Aua* *Aua* pumi*

4. *Ikormaka* ma ke kiki *Aliau* a e *Kolo*
*Ke 51 1/2 Ke 6 hault ma ke *Anaia**
Ke 55 1/2 Ke 78 " " "
At 37 1/2 Ke 75 " " "
*At 53 1/2 Ke 75 " " *Kalahauka* a pumi *Aua* *Aua* pumi*

[Faint, mostly illegible handwritten text, possibly a list or account.]

a maloko o ia Apana he 24/100 eka a oi iki aku emi iki mai paha.
 Eia ke kumu o ka ilo ana; ua haawi mai oia iloko o ka waihana waiwai o ke Aupuni i na sila
he 400/1000
 Aka, ua koe i ke Aupuni na mine minerala a me na mine metala e pau.
 No Hea mau hooilina, a me ko
 ua aina la i haawia, no na nua loa aku no, ma ke "anc" alodio a no ko na mau hooilina, a me ko
na waihana, ua pili hae ka aubau e ka Poe Abaialo e kau like ai me na aina -lodio a pau i kela
 manawa i keia maouwa.

A i pea e ika'i, ua kau wau i ko'u inoa, a me ka Sila Nui o ko Hawaii Pae Aina, ma
 Hooolulu, i keia la 16 o Aprila, 1855.

[Handwritten signatures and names:]
 Victoria K. Naakamama
 p.p. o Kamēhameha
 Heoni Ane
 p.p. o Kamēhameha

HO'OKAHI ALVES
P.O. Box 245
Pu'unēnē, Hawai'i 96784

WATER USE PERMIT APPLICANT PRO SE

COMMISSION ON WATER RESOURCE MANAGEMENT

STATE OF HAWAI'I

Surface Water Use Permit Applications,) Case No. CCH-MA15-01
Integration of Appurtenant Rights and)
Amendments to the Interim Instream Flow) WITNESS LIST
Standards, Nā Wai 'Ehā Surface Water)
Management Areas of Waihe'e, Waichu, 'Īao)
and Waikapū Streams, Maui)
_____)
_____)

WITNESS LIST

PARTY: HO'OKAHI ALVES

NAME/ ORGANIZATION/ POSITION	SUBJECT MATTER	EXHIBIT(S) TO BE INTRODUCED BY WITNESS
Ho'okahi Alves	Need for and use of Nā Wai 'Ehā water	2260-ALVES-1 to - 4

HO'OKAHI ALVES

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and Waikapū Streams, Maui)
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EXHIBIT LIST

PARTY: HO'OKAHI ALVES

EXHIBIT NUMBER	DESCRIPTION	REFERENCES	REC'D INTO EVIDENCE
2260-ALVES-1	LCA No. 10481:5 with Translation, Native Testimony, Native Testimony Translation	Testimony of Ho'okahi Alves	
2260-ALVES-2	LCA No. 5280:1-3, Foreign Testimony	Testimony of Ho'okahi Alves	
2260-ALVES-3	Government Grant No. 1678:2	Testimony of Ho'okahi Alves	
2260-ALVES-4	County Tax Map for TMK No. 3-6-006-027	Testimony of Ho'okahi Alves	

