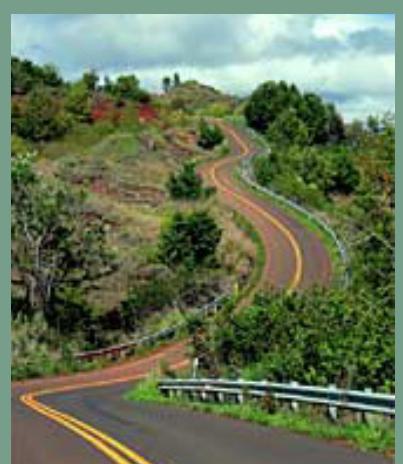


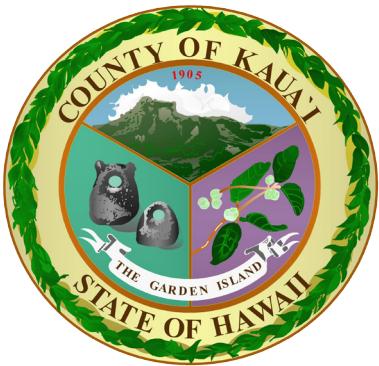
# KALANA O KAUĀ'I

## Palapala Loiloī no ke Kūkulu Kaiāulu me nā Kūkulu Pono Lako no ka Lehulehu



Ianuali 2015





# KALANA O KAUĀ'I

## Palapala Loiloi no ke Kūkulu Kaiāulu me nā Kūkulu Pono Lako no ka Lehulehu

Ianuali 2015

Ho'omākaukau 'ia e:



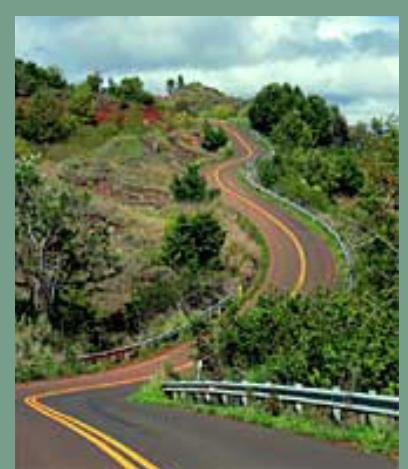
a me



Ua unuhi 'ia 'o Kalana o Kauā'i Palapala Loiloi no ke Kūkulu Kaiāulu me  
nā Kūkulu Pono Lako no ka Lehulehu e



HO'OPULAPULA





## **Mākia o ka Palapala Loiloi me Kona Ho'ohana 'Ia Aku**

Na ka Palapala Loiloi no ke Kūkulu Kaiāulu me nā Kūkulu Pono Lako no ka Lehulehu e hō'ano hou i ko ka MH 1993 Kalana o Kaua'i Palapala Loiloi no ka Uku 'Ana i ke Kūkulu Kaiāulu me Kona Hopena, a nāna ho'i e ninaninau hou no ka loa'a paha o ka uku hopena ma kona 'ano he ala paha ia e uku aku ai.

Na ka palapala loiloi e kālailai i ka loa'a paha o nā uku e hiki ke kāki a hō'ili'ili 'ia, a inā koho ke Kalana i ka uku hopena, kālailai pū 'ia nā 'ano e pili mai ana e ho'ololi 'ia aku ai paha ke kulekele. Koe kēia, 'a'ole na ka palapala loiloi e hō'ike i ka pono a me ka 'ole ke kāki 'ia kekahī uku hopena. Eia na'e, nāna e kālailai a hō'ike pono i nā 'ike no ka wā e ho'oholo aku ai.



## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

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Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

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## KALANA O KAUĀ'I

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### ACRONYM LISTING

|             |  |
|-------------|--|
| <b>AADT</b> | Pa'apū Kūwaena o nā Alahele o ka Makahiki                        |
| <b>AMR</b>  | Ko 'Amelika Po'e Mālama Pōulia                                   |
| <b>CIP</b>  | Polokalamu Ho'oponopono Ko'iko'i                                 |
| <b>CY</b>   | Iā Pa'a'ili Ono  |
| <b>DPW</b>  | Ke'ena Hana Lehulehu   |
| <b>DU</b>   | Hale Noho  |
| <b>EDU</b>  | Hale Noho Ho'olike   |
| <b>EMS</b>  | Lawelawe Po'e Mālama Pōulia                                      |
| <b>ENR</b>  | Palapala Mo'olelo Wilikī   |
| <b>FY</b>   | Makahiki 'Auhaus   |
| <b>GO</b>   | 'Ai'ē Laulā  |
| <b>GPD</b>  | Kālani o ka Lā   |
| <b>HRS</b>  | Ko Hawai'i mau Kānāwai Ho'oponopono 'ia                          |
| <b>ITE</b>  | Kulanui no ka Po'e Wilikī Lawelawe 'Ōhua                         |
| <b>LOS</b>  | Kūlana o ka Lawelawe   |
| <b>MLTP</b> | Papahana Lawelawe 'Ōhua 'Ano Like 'Ole                           |
| <b>RRCA</b> | Loilo'i Ohi 'Ōpala Nohona Kupa                                   |
| <b>SCC</b>  | Uku Pili 'Auwai Lawe Mea 'Ino                                    |
| <b>SF</b>   | Kapua'i Huinahā  |
| <b>STIP</b> | Ko ka Moku'āina Holo 'Oko'a Papahana Ho'oponopono Lawelawe 'Ōhua |
| <b>VMC</b>  | Nui e Piha'ū Ai ka Mile Ka'a                                     |
| <b>VMT</b>  | Lō'ihi o ka Mile Ka'a i Hele 'ia                                 |
| <b>WGU</b>  | 'Āpaha Ho'oloa'a 'Ōpala  |
| <b>WTCA</b> | Loilo'i Nui e Piha'ū ai Kahua Ho'oma'ema'e Wai 'Ōpala            |

## Hō'ulu'ulu Pōkole Ho'okō

Ma ke kau kānāwai hō'āmana moku'āina e hiki ai i nā Kalana ke ho'ouku i ke kanaka a 'ahahui paha no ke kūkulu a ho'onui 'ana paha i kekahi hale, nāna e uku i ka "uku holo 'oko'a a kekahi hapa paha o ke kālā e lawa ai ka ho'oponopono 'ia 'ana o ke kūkulu pono lako no ka lehulehu e 'ohi'ohi 'ia ai ka uku".

'O ka uku hopena kekahi o nā ala pololei loa no nā aupuni kūloko e koikoi 'ia ai ka uku 'ana o nā mea kūkulu hale hou i kekahi hapa pipi'i a'ela o kā lākou mau kumu kū'ai e ho'okaumaha 'ia ai ke kaiāulu. He mea nō ia e 'oko'a loa ai ka hana ma'a mau o ka ho'ouku kauoha "aelike 'ia" a ka po'e kūkulu hale, he mau ho'ouku nā uku hopena e loiilo'i a nā 'ano hou o ke kūkulu hale e loa'a ma kekahi ha'ilula kūmau me nā 'ano pahuhopu, e like me ka helu o nā 'āpana noho kūkulu 'ia a nā manawa i hele ai ke ka'a. Ho'okahi wale nō manawa e uku ai, uku 'ia me ke kali 'ole. 'O ka mea nui, koikoi 'ia e nā uku hopena e uku kēlā me kēia mea kūkulu hale o nā pāhana nohona kupa hou a 'oiana kālepa paha i kona hapa o ke kumu kū'ai o nā kūkulo ho'olako o ke kūkululoko hou e pono ai ia pāhana kūkulu hale. 'Oiai, 'ike 'ē 'ia nā uku hopena, he mea ia e hiki ai i nā mea ho'omāhua kaiahale ke wānana iā mua.

Ua koi 'ia kēia Palapala Loilo'i Nele Uku Hopena e ka Hawai'i Revised Statutes (HRS) Mokuna 46, ma kona 'ano he hō'ike mua no ko ke kalana hānai a ho'okō 'ana i nā kānāwai kūloko o ka uku hopena. Na kēia palapala loiilo'i e kālailai a helu i nā uku hopena palena nui no ke Kalana o Kaua'i, ma ka nui a li'ili'i paha e kū nei o ka lawelawe no ke alanui, nā pāka me nā pono lako ho'onanea, nā lako pono no ka māka'i a kinai ahi, me ka pono lako no ka ho'olilo 'ōpala. Ua ho'ohou 'ia ka uku hopena no ka wai 'ōpala e kū nei.

### Ka Po'e Ho'omākaukau Palapala

Ma ka palapala 'aelike i komo like ai ke Ke'ena Ho'olālā o ke Kalana o Kaua'i me Group 70 International, e loiilo'i pū i ke 'ano e nele nei ke kūkululoko me nā kūkulu ho'olako no ka lehulehu, a kākau pū 'ia kēia Palapala Hō'ike i loa'a ai ke kahua kūpono e ho'ono honoho helu 'ia ai o nā uku hopena. Ua komo pū 'o Group 70 me Duncan Associates i ka palapala 'aelike, nā loea o ka uku hopena ma Austin, Texas, no ke kāko'o 'ana mai ma ke 'ano he kumu a'oa'o. Ua kōkua pū mai nō ko Group 70 mau ke'ena ho'olālā a wilikī kīwila ho'i i ka ho'oliuli 'ana i kēia palapala hō'ike.

### Ko ka Palapala Hō'ike Ho'ono honoho 'ia 'Ana

Na kēia hō'ulu'ulu pōkole ho'okō e hō'ulu'ulu i nā 'ano e konokono 'ia ai ka palapala hō'ike me ke kānāwai i noi 'ia, nā uku hopena palena nui i hiki ke 'āpono 'ia e ka 'Aha Kūkā o ke Kalana, nā wānana no ke kālā no ka palena nui o ka 'āpono 'ana i ka uku hopena, me ka ho'ohālike 'ia 'ana o nā uku hopena kaumoku'āina.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

Ho'omahele 'ia ka palapala hō'ike ma nā mahele 'ekolu:

- Mahele I: Ke Kālailai Kulekele
- Mehele II: Ka Ho'onohonoho Helu 'ia nā Uku Hopena
- Mahele III: Nā Pāku'ina

Mahele I: Ke Kālailai Kulekele

Mokuna 1: Ka Ho'olauna – komo pū mai nā 'ano o ke au e māhuahua ai ke kaiahale e like me ka mea i wānana 'ia

Mokuna 2: Ke Ka'ina Hana Kū Kānāwai – wehewehe i ke kau kānāwai hō'āmana  
Moku'āina me nā loina kumu nāna e alaka'i ka ho'omōhala 'ia 'ana o ka upu hopena me nā mana'o e ho'oponopono ai i ke kulekele

Mokuna 3: Nā Nīnau no ke Kulekele – nā mana'o e ho'oikaika i ke 'ano e ho'oholo 'ia ai ke kānāwai uku hopena

Mokuna 4: Ke Ka'ina Hana mai Kēia mua aku/Ka Ho'okumu 'Ana – hō'ike'ike i nā mahele hana o kēia mua aku no ke kānāwai uku hopena i noi 'ia me kona ho'okumu 'ia 'ana

Mahele II: He 'eono mokuna ko ka "Ho'onohonoho Helu 'ana i nā Uku Hopena", ho'okahi no kēlā me kēia wahi nona he uku hopena:

Mokuna 5: Lawelawe 'Ōhua

Mokuna 6: Pāka

Mokuna 7: Po'e Ho'opio Ahi

Mokuna 8: Po'e Māka'i

Mokuna 9: 'Ōpala Pa'a

Mokuna 10: Kahua Ho'olilo Wai Lepo

Mahele III: Ma nā pāku'ina e loa'a ai nā 'ike pili i ka ho'onohonoho helu 'ana i nā uku hopena me ko ka Moku'āina Kānāwai Uku Hopena.

Pāku'ina A Kānāwai Uku Hopena o ka Moku'āina

Pāku'ina B Kānāwai Moku'āina 197

Pāku'ina C Mo'owaiwai Alahele

Pāku'ina D 'Ai'ē Pona GO

Pāku'ina E Mo'owaiwai Pāka e Kū Nei

Pāku'ina F Heluna Kānaka 'Oihana

Pāku'ina G Kānāwai Hō'ike'ike 'U'uku

Pāku'ina H Papa Wehewehe Uku Hopena

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Nā Mana'o e Ho'oikaika i ke Kulekele

He mau mana'o ko kēia palapala hō'ike i ke 'ano e ho'okō 'ia ai nā uku hopena ma ka pau 'ana o kēlā me kēia mokuna me kekahī 'ōlelo hō'ulu'ulu ma ka hopena o kēia hō'ulu'ulu pōkole ho'okō. Pili nā mana'o ho'oikaika kulekele o lalo i ka hopena nui loa e ho'okumu a ho'okō 'ia ai ka uku hopena, ua loa'a mai nō ho'i ma muli o ke ka'ina hana kū kānāwai (Mokuna 2) me ke kūkākūkā 'ana e pili ana i ke kulekele (Mokuna 3).

#### 1. Ka Manawa e 'Ohi 'ia ai

Konokono 'ia ka 'ohi 'ia 'ana o ka uku hopena i ka manawa ho'okahi e hā'awi 'ia ai nā palapala 'ae kūkulu, 'oiai pili loa kēia i ka pono o ke kūkulu 'ia 'ana o ke kūkululoko. Hiki paha ke hā'awi 'ia ke kālā i mea e ho'ouku ai i nā hale nohona 'ohana ho'okahi i ka manawa e 'ae 'ia ai ka ho'omahele kaiāulu.

#### 2. Ka Loiloi 'ia me nā 'Āpana Makepono

Island-wide assessment and benefit districts are recommended due to the small size and connectivity of Kaua'i Island. Exceptions to the recommendation are the existing and proposed wastewater impact fees that are assessed and charged only for development within the wastewater collection districts.

#### 3. Nā Kumu Hō'ai'ē ma mua o ke Kau Kānāwai

Inā ua komo mai kekahī mea kūkulu hale i ka hana 'ana i mau pāhana i pau 'ole i ka hana 'ia, e pono ke ho'ēmi a ho'opau loa 'ia paha nā uku hopena no ke koena o ke kūkulu 'ia 'ana o ia mau pāhana.

#### 4. Ka Ho'oka'a 'Ai'ē ke Kau mai ke Kānāwai

Inā koi 'ia kekahī mea kūkulu hale, a i 'ole 'aelike lākou, e ho'olilo i ka 'āina a hana paha i mau ho'oikaika 'ana i nā kūkulu ho'olako nona he uku hopena ma hope o ka lā e mana ai ke kānāwai, e pono ke ho'owaiwai 'ia lākou e ka waiwai o ia mau ho'oikaika 'ana.

#### 5. He Wā Ho'oma'ama'a Mālie

Me kekahī wā ho'oma'ama'a mālie e ho'olaha ai i ka po'e lehulehu no ka hiki 'ana mai o nā uku hopena. Peia e loa'a pū ai i ko ke Kalana Ke'ena Lawelawe Hana ka wā kūpono no ka ho'okō 'ana i ke kānāwai a ho'omōhala ho'i i nā hana o ka lawelawe 'ana. Konokono 'ia ka wā ho'oma'ama'a mālie, ho'okahi makahiki ka lō'ihi, ma hope o ke kau 'ana mai o ke kānāwai no ka lā e mana ai ka uku hopena.

#### 6. Ka Uku Palena Nui

Hiki i ke Kalana ke ho'ouku i kekahī pākēneka o nā uku palena nui loa i ho'onohonoho helu 'ia ma kēia palapala hō'ike, a hiki i 100 pākēneka, inā nō ho'i e ho'opili 'ia ka pākēneka ho'okahi i nā 'ano ho'ohana 'āina a pau.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### 7. Nā Hale Pipi'i Loa 'Ole

He mea nui ka ho'ēmi 'ana i nā hopena o nā uku hopena ma nā kama'aina nona ke kālā loa'a (income) emi iho. 'O nā uku hopena no nā papahana kūkulu hale pipi'i loa 'ole, e uku 'ia nō e ke Kalana me kekahī mau kumu ho'olako kālā 'ē a'e. I mea e ho'olaha ai ma ke ākea aku i ka hiki ke kū'ai a ho'okuleana 'ia kekahī hale 'a'ole pipi'i loa, na ke Kalana paha e hā'awi a hō'ai'ē paha i ka po'e kū'ai hale i lawa ai ka nui o ka uku hopena e uku 'ia no ia hale.

### 8. Nā Wahi Akamai o ka Māhuahua Kaiahale

E like me nā hale pipi'i loa 'ole, konokono 'ia nō, na ke Kelana e uku, ma o ka ho'ohana 'ana i kekahī mau kumu ho'olako kālā 'ē a'e, i ka uku hopena ma nā wahi akamai i ho'olilo 'ia i wahi māhuahua, i ka manawa ho'i e kuhikuhi 'ia ai ia mau 'ano wahi.

### Ko nā Uku Hopena Hō'ulu'ulu Pōkole

'O ka palena nui o ka upu hopena no nā kūkulu ho'olako 'eono a pau me nā 'ano ho'ohana 'āina like 'ole, ua loa'a nō ma Pākaukau ES.1, ES.2, me ES.3.

Na Pākaukau ES.1 e hō'ulu'ulu pōkole i nā uku hopena no ka Lawelawe 'Ōhua, Pāka, Ho'opio Ahi, Māka'i, me ka Ho'olilo 'Ōpala Pa'a. 'Elua nā 'ano i ho'onohonoho helu 'ia ai ka uku hopena Pāka, ho'okahi me ka nānā 'ana i ka 'āina me nā kūkulu ho'olako nāna e pani hakahaka i ke kānāwai ho'olilio pāka e kū nei. A 'o kekahī 'ano o ka ho'onohonoho helu 'ana, 'o ka waiho 'ia 'ana mai o ka uku ho'olilo pāka no ke komo 'āina 'ana, a ho'onohonoho helu 'ia ka uku hopena no ka ho'oikaika a ho'oponopono 'ana ho'i i nā kūkulu ho'olako. Komo pū mai i Pākaukau ES.1 ka uku hopena Pāka i nui a'ela me ka 'Āina. Hō'ike a wala'au 'ia nā uku ho'olilo wai 'ōpala ma nā Pākaukau ES.2 me ES.3 o lalo.

He hō'ailona nā uku i ka palena nui o ka uku hopena i ho'onohonoho helu 'ia e ke kūlana o ka hana lawelawe ma ke Kalana holo 'oko'a, a pono ke loiho'i 'ia e ka uku ho'okahi no ke Kalana holo 'oko'a. Hiki i ke Kalana ke ho'ouku ma lalo o 100 pākēneka o ka palena nui o ka nui, 'oiai nō ho'i ho'ēmi kūpono pū 'ia mai nā uku no nā 'ano ho'ohana 'āina a pau loa.

### Pākaukau ES.1 Ka Hō'ulu'ulu Pōkole Palena Nui o ka Uku Hopena i Hiki

| 'Ano<br>Ho'ohana<br>'Āina | 'Ano i Ana<br>'ia ai | Lawelawe<br>'Ōhua | 'Āina<br>Pāka<br>Kūkulu<br>Ho'olako | Kūkulu<br>Ho'olak<br>o Pāka<br>wale nō | Ho'o<br>pio<br>ahi | Māka'i  | Ho'oli<br>lo<br>'Ōpala<br>Pa'a | Huina*   |
|---------------------------|----------------------|-------------------|-------------------------------------|--|--------------------|---------|--------------------------------|----------|
| 'Ohana<br>Ho'okahi        | Hale Noho            | \$6,838           | \$11,430                            | \$6,936                                | \$739              | \$1,090 | \$392                          | \$20,490 |
| 'Ohana Lau                | Hale Noho            | \$4,777           | \$5,590                             | \$3,392                                | \$362              | \$533   | \$301                          | \$11,562 |
| Hōtele/Mōtele             | Lumi                 | \$8,304           | \$5,307                             | \$3,221                                | \$343              | \$506   | \$189                          | \$14,649 |
| 'Oihana<br>Kālepa         | 1,000 SF             | \$7,623           | \$ -                                | \$ -                                   | \$678              | \$1,000 | \$1,037                        | \$10,338 |
| 'Oihana<br>Kāpili         | 1,000 SF             | \$5,806           | \$ -                                | \$ -                                   | \$329              | \$486   | \$1,411                        | \$8,032  |

\*Aia ka Uku Hopena 'Āina Pāka & Kūkulu Ho'olako i ka Huina, 'a'ole nā uku ho'olilo wai 'ōpala.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

Ua ho'onohonoho helu mua 'ia nā uku hopena wai 'ōpala no ke Kalana o Kaua'i. No kēia palapala hō'ike, ua helu pū 'ia ka pākēnaka o ka māhuahua 'ana i mea e ho'onohonoho helu 'ia ai nā uku o kēia mua aku. 'Elua mahele ko nā uku hopena wai 'ōpala: 'o ka Uku Pili 'Auwai Lawe Wai 'Ōpala (SCC) me ka Loiloi Hiki Kahua Ho'oma'ema'e Wai 'Ōpala (WTCA) a aia nō ho'i i ka nui o ke kūkulu ho'olako ke ho'ohana 'ia ma ke 'ano nohona kupa 'ole. Na kēia pākaukau o lalo e hō'ulu'ulu pōkole i nā ho'onui 'ana i noi 'ia o ua mau uku e kū nei (ES.2 and ES.3).

### **Pākaukau ES.2 Ka Uku Pili 'Auwai Lawe Wai 'Ōpala i Noi 'ia**

| Uku                                     | Helu   |
|---|--|
| Ho'ohana Haukapila a 'Oihana Kapili 'ia | \$0.13 o ke kapua'i huinahā o kahi o ka 'auwai lawe wai 'ōpala                               |
| Ho'ohana 'Oihana Kālepa 'ia             | \$0.11 o ke kapua'i huinahā o kahi o ka 'auwai lawe wai 'ōpala                               |
| Ho'ohana Hōtele (Nui) 'ia               | Ma luna o \$0.12 o ke kh o kahi o ka 'auwai lawe wai 'ōpala<br>a \$210 paha o ka 'āpana noho |
| Nohona Kupa 'Ohana Lau                  | Ma luna o \$0.11 o ke kh o kahi o ka 'auwai lawe wai 'ōpala<br>a \$210 paha o ka 'āpana noho |
| Nohona Kupa 'Ohana Ho'okahi             | \$52.50 o ka 'āpana  |
| Ko waho o nā mahele o luna              | \$210  |

### **Pākaukau ES.3 Ka Papa Manawa o ka Loiloi Hiki Kahua Ho'oma'ema'e Wai 'Ōpala i Noi 'ia**

| Uku                | Helu   |
|--------------------|--|
| Nohona Kupa        | \$4,095 o ka 'āpana noho (DU)                    |
| Nohona Kupa 'ole   |  |
| Ana wai 5/8-'īniha | \$4,095  |
| Ana wai 3/4-'īniha | \$4,095  |
| Ana wai 1-'īniha   | \$6,962  |
| Ana wai 1.5-'īniha | \$13,514   |
| Ana wai 2-'īniha   | \$21,704   |
| Ana wai 3-'īniha   | \$43,817   |
| Ana wai 4-'īniha   | \$68,387   |
| > Ana wai 4-'īniha | \$10.25 o ke kālani o ka lā me ka kahe 'ana koho |

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Ka Wānana no ke Kālā Loa'a Mai ka Uku Hopena Mai

Aia ka wānana 'ana no ke kālā loa'a mai ka Uku Hopena ma ka wānana pū 'ana no ka māhuahua 'ana, a kuhi 'ia ho'i, e hānai 'ia nā uku hopena palena nui loa e ka 'Aha Kalana (Pākaukau ES.4).

### Pākaukau ES.4 Nā Kālā i Hiki ke Loa'a Mai ka Uku Hopena Makahiki Mai

| Ho'ohana 'Āina<br>'Ano i ana 'ia ai                         | Hale Noho<br>'Ohana<br>Ho'okahi | Hale Noho<br>'Ohana Lau | Lumi<br>Hōtele/Mōtele | 'Oihana<br>Kālepa<br>1,000 KH | 'Oihana<br>Kāpili<br>1,000 KH | Huina              |
|---|---------------------------------|-------------------------|-----------------------|-------------------------------|-------------------------------|--------------------|
| Wānana 'ia o ka Māhuahua o ka Makahiki                      | 310                             | 66                      | 115                   | 27                            | 64                            |                    |
| Lawelawe 'Ōhua  | \$2,118,887                     | \$315,931               | \$958,262             | \$202,975                     | \$371,487                     | \$3,967,541        |
| Pāka ('Āina & Kūkulu Ho'olako)                              | \$3,541,701                     | \$369,730               | \$612,414             | \$ -                          | \$ -                          | \$4,523,844        |
| Pāka (Kūkulu Ho'olako Wale nō)                              | \$2,149,335                     | \$224,376               | \$371,653             | \$ -                          | \$ -                          | \$2,745,365        |
| Ho'opio Ahi/EMS   | \$229,062                       | \$23,913                | \$39,608              | \$18,056                      | \$21,082                      | \$331,721          |
| Māka'i  | \$337,888                       | \$35,273                | \$58,426              | \$26,635                      | \$31,097                      | \$489,320          |
| 'Ōpala Pa'a   | \$121,481                       | \$19,890                | \$21,775              | \$27,619                      | \$90,263                      | \$281,027          |
| <b>Huina (kuhi 'ia ka Pāka 'Āina &amp; Kūkulu Ho'olako)</b> | <b>\$6,349,018</b>              | <b>\$764,737</b>        | <b>\$1,690,485</b>    | <b>\$275,285</b>              | <b>\$513,929</b>              | <b>\$9,593,453</b> |

Kumu: Aia ka māhuahua makahiki no nā hale noho 'ohana ho'okahi a 'ohana lau ho'i i ko Kaua'i Papahana Laulā Ho'ohou 'ia, Wānana 'ana MH 2013; aia ka hā'awi 'ia 'ana o nā 'āpana noho 'ohana ho'okahi a lau ho'i i ka palapala hō'ike o ka Hawai'i House Planning, MH 2011

Aia ka māhuahua makahiki no nā 'āina ho'ohana 'ia no ka 'oihana kālepa a kāpili ho'i i ka helu 'ia 'ana o ka nui 'ana a'e o nā kapua'i huinahā mai 2008-2012 i hō'ike 'ia ma ka Finance DeMahelement

Hiki i kēia mau kālā hiki paha ke loa'a mai, ke ho'ohālike 'ia aku me ka ho'olilo kālā no ke kū'ai 'ana i mea e loa'a ai kekahi 'ano o ka 'ike 'ana no ke kālā loa'a uku hopena (Pākaukau ES.5). I kekahi mau kūlana, 'oi a'e ke kālā loa'a uku hopena ma luna o ke kālā ho'olilo 'ia no ke kū'ai 'ana, e like me ko ka Ho'opio Ahi. 'O ke kālā e ho'olilo 'ia ana paha no ke kū'ai 'ana, no nā pāhana 6-makahiki wale nō, 'a'ole na'e e ho'olālā 'ia ke kūkulu ho'omāhuahua 'ana i nā hale e kū nei. E pono ke ho'ihō'i 'ia aku nā uku hopena i 'ohi'ohi 'ia, e uku 'ole ho'i i nā pāhana kūpono ma loko o ka wā, he 'eono makahiki. I kekahi mau kūlana 'ē a'e, he hapa 'u'uku nō paha o ka ho'olilo kālā no ke kū'ai 'ana ka mea e ho'olawa 'ia e ke kālā loa'a uku hopena, e like me ka 'Ōpala Pa'a.

## KALANA O KAUAI

Palapala Ho'ike Nele o ke Kukululoko a Kukulu Ho'olako no ka Lehulehu

### Pākaukau ES.5 Kālā i Hiki Paha ke Loa'a me ka Ho'olilo Kālā

| 'Ano o ke Kukulu Ho'olako         | Kālā Loa'a<br>Uku Hopena o<br>ka Makahiki | Ka Ho'olilo Kālā<br>CIP i Ho'olālā 'ia | % e uku 'i e<br>nā Uku<br>Hopena |
|-----------------------------------|---|--|----------------------------------|
| Lawelawe 'Ohua                    | \$3,967,541                               | \$17,361,000                           | 23%                              |
| Pāka ('Āina & Kukulu<br>Ho'olako) | \$4,523,844                               | \$6,649,333                            | 68%                              |
| Pāka (Kukulu Ho'olako wale<br>nō) | \$2,745,365                               | \$6,607,667                            | 42%                              |
| Ho'opio Ahi/EMS                   | \$331,721                                 | \$204,356                              | 162%                             |
| Māka'i                            | \$489,320                                 | \$1,333,333                            | 34%                              |
| 'Opala Pa'a                       | \$281,027                                 | \$96,300,000                           | 0.3%                             |

Kumu: Loa'a Kālā Uku Hopena Makahiki Pākaukau ES.1

Ka Ho'olilo Kālā CIP o ka Makahiki mai ke Kalana o Kauai me nā Pāhana Ho'oikaika Nui Loa no nā Makahiki he 6.

MH 2013/14-2018/19, me nā pāhana keu me nā uku ho'ohou 'ia no ka Lawelawe 'Ohua me ka 'Opala Pa'a ua lawe 'ia mai e ka Public Works DeMahelement.

### Nā Ho'ohālike Uku Hopena

Ke ho'ohālike 'ia ka palena nui loa uku hopena i hiki me nā helu kūwaena kaumoku'āina, ho'ike 'ia nō ka 'oi 'ana aku o ka pipi'i o ko ke Kalana o Kalana mau uku hopena ma nā 'ano kūkulu ho'olako a pau. He ho'ailona nā uku hopena i 'oi aku o ka pipi'i o ko ke Kalana o Kauai mau uku hopena no ka pipi'i a'e o ke kumu kū'ai no nā lawelawe 'ana. 'Oi loa aku ko ka Pāka 'Āina a Kukulu Ho'olako uku hopena ma mua o ka helu kūwaena kaumoku'āina, a loa'a nō paha ia ma muli o nā waiwai pipi'i o nā kuleana 'āina, a me ka helu ho'i o nā pāka Kalana me nā kūkulu ho'olako e loa'a ai ke kūlana o nā lawelawe e kū nei. Eia ho'i, ko'iko'i ka 'ike 'ana i ka hanai 'ole 'ia 'ana o nā uku ma ke kumu kū'ai piha loa e nā mana ho'okolokolo kaumoku'āina a pau

### Pākaukau ES.6 Nā Uku Hopena Ho'ohālike o ka 'Āpana Noho 'Ohana Ho'okahi

| Kūkulu<br>Ho'olako | Palena Nui Uku<br>Hopena o ko Kauai<br>Kalana | Helu Kūwaena<br>Kaumoku'āina |
|--------------------|---|------------------------------|
| Nā Alahele         | \$6,838                                       | \$3,228                      |
| Nā Pāka            | \$11,430                                      | \$2,774                      |
| Ho'opio<br>Ahi/EMS | \$739   | \$512                        |
| Māka'i             | \$1,090                                       | \$372                        |
| Wai 'Opala         | \$4,148                                       | \$3,725                      |
| 'Opala Pa'a        | \$392   | \$189                        |

Kumu: Clancy Mullen, National Impact Fee Survey  
([http://www.impactfees.com/publications%20pdf/2012\\_survey.pdf](http://www.impactfees.com/publications%20pdf/2012_survey.pdf)),  
'Aukake 20, 2012

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Nā Mana'o Ho'oikaika no ka Hānai 'Ana i ka Uku Hopena

Ma muli o ka loilo'i ana i hana 'ia, Konokono 'ia ke Kalana e ho'okumu i uku hopena no ka Lawelawe 'Ōhua, Pāka, me ka Māka'i, a e ho'onui a'e ho'i i nā uku hopena no ka Wai 'Ōpala e kū nei. Konokono 'ia nō ho'i nā uku hopena no ka Ho'opio Ahi me ka 'Ōpala Pa'a inā ho'i e loa'a pū mai kekahi kūlana e ho'okō 'ia ai.

Konokono 'ia ka hānai 'ia 'ana o ka uku hopena **Lawelawe 'Ōhua** ma ka piha'ū a kokoke paha i ka palena nui o ka uku hopena. No ka mea ho'i, pipi'i ke kūkulu alahele 'ana a e pono ke loa'a ke kālā i lawa ai ka hana kūkulu. Eia ho'i, e pono ke loa'a nā kumu kālā lawa i hiki ke ho'ohana 'ia no ka ho'ihō'i 'ana i ke kālā no ka hana kūkulu alahele o waho aku o kahi o ke kūkulu 'ana, i hana 'ia ma nā alaloa a collectors paha.

No nā **Pāka**, konokono 'ia ka pani hakahaka 'ia 'ana o ke koina ho'olilo pāka e kekahi uku hopena nāna e ho'olako kālā no ke komo 'āina 'ana me ka ho'omāhuahua kūkulu ho'olako ho'i. Hō'ike ka Mokuna no nā Pāka o kēia palapala hō'ike i nā koho no ka mālama 'ana i ke koina ho'olilo pāka e kū nei me kona pani hakahaka 'ia 'ana.

No nā **Māka'i**, konokono 'ia ka ho'ouku 'ana i uku hopena ma ke 'ano he ala e ho'oulu ai i ke kālā e 'ike 'ia ai ka pono no ke kūkulu 'ana i mau hale māka'i hou. Ua hana 'ia ka loilo'i ana i ho'olako mai ai i ua koho nei, ma ke helu pū 'ole 'ia 'ana ma loko o ka mo'owaiwai e kū nei o nā hale māka'i 'elua e pono ai ke pani hakahaka 'ia.

Aia nō i ka nui e mahu'i 'ia nei me ka manawa ho'i e loa'a ai ko Wailua Hale Ho'opio Ahi me kekahi mau hale ho'opio ahi i hiki paha ke ho'onui hou 'ia, konokono 'ia he uku hopena ma lalo o ka palena nui, a uku hopena 'ole paha no ka Ho'opio Ahi. Ma ka uku hopena e noi 'ia nei 'ānō e loa'a ai he keu o ke kālā loa'a i mahu'i 'ia no ko Wailua Hale Ho'opio Ahi, a 'o ka hopena paha ka pono ke ho'ihō'i hou 'ia i ke kālā a pau a kekahi hapa ona i 'ohi'ohi 'ia inā ho'olilo 'ole 'ia ma loko o 'eono makahiki ma hope o kona 'ohi'ohi 'ia 'ana. Inā ho'olālā 'ia ka ho'onui 'ana i nā hale ho'opio ahi e kū nei, hiki i ka uku hopena ke ho'ohana 'ia no nā kaupa'i huinahā keu.

Ma ka uku hopena **'Ōpala Pa'a** e loa'a ai kekahi hapa 'u'uku ho'i o ke kālā loa'a e pono ai no nā ho'olilo kālā e hiki mai ana i ho'olakolako ai i ka lawelawe ho'olilo 'ōpala pa'a no ke Kalana o Kauai. Ua ho'ohuli nui 'ia nā kumu kū'ai 'Ōpala Pa'a ma muli o ka ho'olako kālā 'ia 'ana o nā hana ho'oponopono no ka lawelawe 'ōpala pa'a o nā makahiki nei i hala he 'umi e nā pona 'ai'ē laulā. Ke uku mau 'ia nei nā 'ai'ē o ua mau pona lā, a pipi'i ka 'ai'ē ke ho'onohonoho helu 'ia ka uku hopena huina nui loa. Eia ho'i, ma kahi o \$82 miliona nā kumu kū'ai no nā hana ho'oponopono 'ōpala pa'a e loa'a ai ke kahua ho'āhu 'ōpala hou.

Inā ho'oholo ke Kalana e hānai i kekahi uku hopena 'Ōpala Pa'a, e pono ke hō'opia i kona ho'ouku pālua 'ole no nā kumu kū'ai CIP. 'O ka uku tipping e kū nei ka mea e lawa ai paha kekahi hapa o ka ho'olako kālā e kū nei no nā hana ho'oponopono 'ōpala pa'a, a inā pēlā, e pono ke ho'ēmi 'ia ka uku tipping me ka ho'okumu 'ana ho'i i kekahi uku hopena 'Ōpala Pa'a. E 'ike 'ia nō kēia 'ano kuapo, a

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'o ia kā ho'i ka mea e hiki ai i ka uku tipping ke ho'ouku 'ia i nā mea ho'ohana a pau loa a e ho'ouku 'ia ka uku hopena 'ōpala pa'a i nā mea ho'ohana hou wale nō.

He hō'ailona ka uku hopena Wai 'Ōpala e konokono 'ia no ka pi'i 'ana (a hiki i 2012) e kau 'ia ma kekahi uku hopena i ho'omōhala mua 'ia.

Aia nō a hānai 'ia nā uku hopena e ka 'Aha Kalana, e pono ke ho'oponopono 'ia ma ka makahiki no ke emi 'ana o ka waiwai o ke kālā. E pono ke nānā hou 'ia nā uku hopena a ho'ohou 'ia i kēlā me kēia 'elima makahiki i loiiloai i nā kūlana e hiki ai i nā uku ke ho'oponopono 'ia i mea e hō'ike pololei loa ai i nā kumu kū'ai e loliloli nei me ka lawelawe e hana 'ia mai. Ma ke 'ano waewae loa, he mau pāhana hou aku ana ko ka 'ōpala pa'a, me ka ho'ololi 'ia 'ana o nā lawelawe, a e pono ke ho'onohonoho helu hou 'ia ka uku hopena ma hope o kekahi mau makahiki o ko ka pāhana hou ho'okumu 'ia 'ana.

### **Mahele Hana o Kēia Mua Aku/Ho'okumu 'Ana**

Inā ho'oholo ke Kalana o Kauai e 'imi i kekahi uku hopena, ma kēia palapala hō'ike e loa'a ai ke kālailai mua 'ana e pono ai. Ma Pāku'ina G e loa'a ai kekahi kānāwai hō'ike'ike 'u'uku wale nō, a no kēia palapala hō'ike kekahi papa kuhikuhi no nā koho kulekele no kona ho'okomo pū 'ia 'ana paha ma ke kānāwai. Konokono 'ia nā hālāwai ho'olaha 'ikepili inā hānai 'ia ka uku hopena, i hō'opia ai e ho'oma'ama'a 'ia ka po'e i pā ihola i ke kau mai o ia kānāwai.



# MAHELE I: KĀLAILAI KULEKELE



## 1.0 HO'OLAUNA

Ma ke kau kānāwai hō'āmana moku'āina e hiki ai i nā Kalana ke ho'ouku i ke kanaka a 'ahahui paha no ke kūkulu a ho'onui 'ana paha i kekahi hale, nāna e uku i ka "uku holo 'oko'a a kekahī hapa paha o ke kālā e lawa ai ka ho'oponopono 'ia 'ana o ke kūkulu pono lako no ka lehulehu e 'ohi'ohi 'ia ai ka uku". Koi 'ia kēia Palapala Loiloai Nele Uku Hopena e ko Hawai'i Kānāwai i Ho'oponopono 'ia (HRS) Mokuna 46 no kona hō'ike mua 'ana i ke 'ano e ho'opili ai nā Kalana i ka ho'okumu a ho'omaka 'ana i nā kānāwai uku hopena. He ala ka uku hopena e loa'a ai ke kālā kakahe i ke Kalana e ho'oulu 'ia e ka po'e nāna e ho'okumu nei i ka māhuahua 'ana, ma kahi o ka uku 'ia 'ana o nā kumu kū'ai i ho'omāhelehele 'ai e nā heluna kānaka e kū nei.

### Nā Wānana Heluna Kānaka

Ke māhuahua kūpa'a nei ko Kaua'i heluna kānaka noho kupa ma nā makahiki nei he 20, a ka'a pū mai ka pono ke loa'a ke kūkululoko hou me nā kūkulu ho'olako no ka lehulehu. Ke wānana 'ia nei ka nui mau 'ana o ko Kaua'i heluna kānaka me ka 1.1% o ka makahiki, me kona nui loa 'ana a'e ma ke 31.2% ma waena o 2010 me 2035. Ke hiki aku i 2035, e wānana 'ia ko Kaua'i heluna kānaka, he 88,000 a 'oi iki a'e paha (Pākaukau 1.1).

Wānana pū 'ia ka huina o nā 'āpana hale, me kona māhuahua 'ana ma ka wā ho'okahi ma ka helu kūwaena 1.2% o ka makahiki, 'o ia ke kūkulu 'ia 'ana o 10,000 'āpana hale ke hō'ea aku i 2035. Ma kahi kēia o 400 'āpana hale o ka makahiki.

He lehulehu ko Kaua'i po'e malihini, a 'o ka 'oihana ho'okipa malihini ka mahele nui loa o ko Kaua'i ho'okele waiwai. Na Pākaukau 1.1 e hō'ike ka hiki 'ana mai o ka po'e malihini, me kona māhuahua 'ana ma ka 1% o ka makahiki. Kali 'ia ka māhuahua pū 'ana o nā 'āpana ho'okipa malihini ma lalo iki o ka 1% o ka makahiki, nui ana ka helu, he 9,234 i ka MH 2010 a 'ane'ane he 11,500 i ka MH 2035. Ma kahi kēia o 115 'āpana ho'okipa malihini o ka makahiki.

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### Pākaukau 1.1 Ko ke Kalana o Kauai Heluna Kānaka me ka Heluna Malihini

| Makahiki | Heluna<br>Kānaka<br>Noho<br>Kupa | 'Āpana<br>Hale | Huina<br>Malihini Hiki<br>Mai Ana<br>(1,000) | Lumi<br>Hōtele |
|----------|----------------------------------|----------------|--|----------------|
| 1990     | 51,676                           | 17,613         | 1,229  | 7,546          |
| 2000     | 58,463                           | 25,331         | 1,075  | 7,159          |
| 2010     | 67,091                           | 29,793         | 1,033  | 9,345          |
| 2020     | 74,693                           | 33,553         | 1,186  | 10,499         |
| 2030     | 83,328                           | 37,519         | 1,278  | 11,182         |
| 2035     | 88,013                           | 39,676         | 1,327  | 11,498         |

Kumu: Ko Kauai Papahana Laulā Ho'ohou 'ia, 2013 Wānana, 'Aukake 2013

Ma kēia mau wānana heluna kānaka, 'āpana hale, a kipa malihini 'ana ho'i e loa'a ai ka nui koho o ka ho'omāhuahua kaiahale, a hiki ke ho'ohana 'ia no ka ho'onohonoho helu 'ana i ke kālā i hiki ke loa'a ma muli o ka ho'okumu 'ana i kānāwai uku hopena.

## 2.0 KA'INA HANA KŪ KĀNĀWAI

'O ka uku hopena kekahi o nā ala pololei loa no nā aupuni kūloko e koikoi 'ia ai ka uku 'ana o nā mea kūkulu hale hou i kekahi hapa pipi'i a'ela o kā lākou mau kumu kū'ai e ho'okaumaha 'ia ai ke kaiāulu. He mea nō ia e 'oko'a loa ai ka hana ma'a mau o ka ho'ouku kauoha "aelike 'ia" a ka po'e kūkulu hale, he mau ho'ouku nā uku hopena e loiilo 'ia e nā 'ano hou o ke kūkulu hale e loa'a ma kekahi ha'ilula kūmau me nā 'ano pahuhopu, e like me ka helu o nā 'āpana noho kūkulu 'ia a nā manawa i hele ai ke ka'a. Ho'okahi wale nō manawa e uku ai, uku 'ia i ke alo me ke kali 'ole. 'O ka mea nui, koikoi 'ia e nā uku hopena e uku kēlā me kēia mea kūkulu hale o nā pāhana nohona kupa hou a 'oihana kālepa paha i kona hapa o ke kumu kū'ai o nā kūkulo ho'olako o ke kūkululoko hou e pono ai ia pāhana kūkulu hale.

### Loina Laulā

'Oiai ua 'imihia nā uku hopena ma nā moku'āina i nele i ka 'ole o ke kau kānāwai hō'āmana, ua kūpala 'ia ma ke ākea nā uku hopena ma ko lākou 'ano he hō'ike wale i ko ke aupuni kūloko "mana māka'i" e ho'omalu i ke ola, palekana, me ka nohona o ke kaiāulu. A holo ke au, ua ho'omōhala kekahi mau 'aha ho'okolokolo moku'āina like 'ole i nā koina e pono ai ka ho'ouku uku hopena ma ke 'ano e kū i ke kānāwai, ma muli o nā "pilina kūpono" e kū ana ma waena o ka ho'ouku kauoha kūmau lāua me ka hana e ho'okonukonu 'ia nei. Ma nā 'ano kūmau i kau 'ia e nā hihia waiwai e koikoi 'ia ai e ho'okō ka uku hopena a ka ho'ouku kauoha paha i kēia mau mea 'elua:

- (1) Ka pono ke kūkulu 'ia he mau kūkulu ho'olako hou e loa'a ma ke kūkulu kaiahale hou ('ao'ao mua o ka hō'ike pilina kūpono pālua); a
- (2) E ho'owaiwai ka ho'olilo kālā o ka uku hopena i ka pāhana kūkulu hale ho'oka'a uku ('ao'ao 'elua o ka hō'ike pilina kūpono pālua).

Ua wehewehe kekahi 'aha 'āpana ho'opi'i kū'ē o Florida i ka hō'ike pilina kūpono pālua i ka MH 1983 penei, a ua 'ī a mālama 'ia kēia 'ōlelo e ko Florida 'Aha Ho'okolokolo Ki'eki'e ma kona 'ōlelo ho'oholo MH 1991 ma ke Kalana o St. Johns County<sup>1</sup>:

*I mea e ho'okō 'ia ai kēia mau koina, e pono ke hō'ike ke aupuni kūloko i kekahi pilina e kaulike ai ka no'ono'o, kekahi pilina kūpono paha, ma waena o ka pono ke loa'a mai kekahi mau kūkulu ho'olako hou lāua me ka māhuahua 'ana o ka heluna kānaka i hana 'ia e ke kaiāulu. Eia kekahi, e pono ke hō'ike ke aupuni i kekahi pilina e kaulike ai ka no'ono'o, kekahi pilina kūpono paha, ma waena o ka ho'olilo kālā o nā kālā i 'ohi'ohi 'ia me nā waiwai pono keu e ahu nei no ke kaiāulu. I*

<sup>1</sup> *Hollywood, Inc. v. Broward County*, 431 So. 2d 606, 611\_12 (Fla. 4th DCA), review denied, 440 So. 2d 352 (Fla. 1983), quoted and followed in *St. Johns County v. Northeast Florida Builders Ass'n*, 583 So. 2d 635, 637 (Fla. 1991)

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*mea e kō ai ke koina 'alua, e pono ke kuhikuhi pono 'ia e ke kānāwai nā kālā i 'ohi'ohi 'ia no ka lawe 'ana i mau kūkulu ho'olako e waiwai ai nā kama'āina hou.*

I ka ho'oholo 'ana o ko 'Amelike Hui Pū 'Aha Ki'eki'e i ka MH 1994 ma *Dolan kū'ē iā Kalana o Tigard*<sup>2</sup>, ua kāko'o ka 'Aha i ka hō'ike pilina kūpono, me ke koi 'ana i ka loa'a o ka pilina, he 'ano pololei loa 'ole kona, ma waena o ka pāhana kūkulu hale i noi 'ia me ke kaumaha ka ho'ouku kauoha i kau mai ma luna ona. 'Oiai ua kuhikuhi pono loa 'ia ke koina ho'olilo 'āina, ua mōakāka i ko ka 'Aha Ki'eki'e ho'oholo 'ana i ka MH 2013 ma *Koontz v. St. Johns River Water Management District*, 'o ka ho'opili pū 'ia 'ana o ia mau loinā i nā ho'ouku kauoha kālā pepa.

### Kānāwai Hō'āmana Moku'āina

A hiki i kēia lā, ua hānai 'ia ke kau kānāwai e hiki ai ke kau 'ia ka uku hopena ma nā moku'āina he 28, 'o Hawai'i nō kekahi. E like me ka hapa nui o nā kānāwai hō'āmana moku'āina 'ē a'e, he hō'ailona ko Hawai'i kānāwai e loa'a ai ka uku hopena kau ma nā kalana no nā 'ano o ke kumuānāwai e helu 'ia ma luna. Ma ko Hawai'i kānāwai e loa'a ai ka uku hopena, kau 'ia i ka MH 1992, e 'ae 'ia ai nā Kalana, hiki ke hānai 'ia ka uku hopena no nā "ano o ka ho'oponopono kūkulu ho'olako no ka lehulehu, i kuhikuhi pono 'ia ma kekahi papahana kalana a palapala loiilo nele kūkulu ho'olako paha."<sup>3</sup> 'O ka manawa wale nō i ho'ohana 'ia ai kēia mana, a hiki i kēia lā, 'o ia ka hānai 'ia 'ana i ka MH 2002 o kekahi uku hopena alahele e ke Kūlanahauhale a Kalana o Honolulu no ka moku 'o 'Ewa.<sup>4</sup> (Ua 'ae ka'awale 'ia i ka MH 2007 i Ko Hawai'i Ke'ena Ho'ona'auao no ka ho'okumu 'ana i mau uku hopena kula ma nā wahi i kuhi 'ia ma ko lākou 'ano i kapa 'ia he mau "āpana hopena kula.")<sup>5</sup>

'Ae 'ia ko Hawai'i mau Kalana e ke Kānāwai Moku'āina e kau i nā kānāwai uku hopena, 'oiai ho'i e mālama lākou i nā koina o Mokuna 46, Mahele VIII o ko Hawai'i mau kānāwai i ho'oponopono 'ia (HRS) 'Āpana 46-141 a hiki i 46-148 (Pāku'ina A). Na ia 'āpana e hō'ulu'ulu pōkole ua mau koina lā ma ke 'ano pili loa i ko Kaua'i Kalana.

Ma ke ākea, 'oi aku ka makemake o ka po'e kūkulu hale e uku i nā uku hopena me ka 'ulolohi loa i hiki, ma loko o ke ka'ina hana holo 'oko'a, a pāpā 'ia e ka hapa nui o nā kānāwai moku'āina, 'a'ole e 'ohi 'ia nā uku hopena ma mua o ka hā'awi 'ia 'ana o ka palapala 'ae kūkulu a palapala hō'ike hale noho 'ia. 'Olelo ko Hawai'i kānāwai ma 'Āpana 46-146, "He hana ka loiilo uku hopena 'ana ma mua o ka hā'awi 'ia 'ana o ka palapala hō'ike kūlana a palapala 'ae paha, a e pono ke 'ohi piha 'ia ma mua a ma ka lā paha e hā'awi 'ia ai ka palapala 'ae." 'O ka mana'o paha o kēia 'ōlelo, hiki i ke Kalana ke loiilo a 'ohi'ohi i nā uku hopena i ka manawa e 'ae 'ia ai ke kaiahale a e hā'awi 'ia ai paha ka palapala 'ae kūkulu.

<sup>2</sup> *Dolan v. City of Tigard*, 512 U.S. 374, 129 L. Ed. 2d 304, 114 S. Ct. 2309 (1994)

<sup>3</sup> §46-141 et. seq., Hawai'i Revised Statutes

<sup>4</sup> Chapter 33A of the Revised Ordinances of Honolulu (the fee for a single-family unit is \$1,836)

<sup>5</sup> §302A-1601 et. seq., Hawai'i Revised Statutes

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He loina ko'iko'i ko nā uku hopena, i loa'a mai ka hōike pilina kūpono mai, 'o ia ho'i, 'a'ole hiki ke ho'ouku 'ia ka pāhana kūkulu hale hou no ka lawelawe o ke kūlana i 'oi a'e kona ki'eki'e ma luna o ka mea e lawelawe 'ia no ka pāhana kūkulu hale e kū nei. 'Ōlelo 'ia e HRS 'Āpana 46-142(b), na ka hana loiho uku hopena "e kuhikuhi pono i nā kūlana kūmau e pono ai nā lawelawe no kēlā me kēia 'ano kūkulu ho'olako i hiki paha ke loa'a mai he uku hopena, 'oiai kau like loa 'ia nā kūlana kūmau ma luna o nā kūkulu ho'olako e kū nei a e ho'okū 'ia ana ho'i." I la'ana ho'i, inā aia he kalana, ke ho'olako nei i kekahī pāka 'elima 'eka o 1,000 kama'āina, 'a'ole hiki ke ho'ouku i ka uku hopena no ke kūkulu hale hou ma kekahī kūlana kūmau he 'umi 'eka o 1,000 kama'āina, ke 'ole nō e kō ho'i kekahī mau kūlana aku. 'O ka mua, e pono ke kuhikuhi a ho'olilo 'ia kekahī kumu kāla ma waho a'e o nā uku hopena pāka, i uku 'ia ai ka nele i loa'a ma ka pi'i 'ana o ke kūlana o ka lawelawe. 'O ka lua, e ho'ēmi 'ia aku nō paha i hō'opia ai i ka uku pāluia 'ole ho'i o ke kūkulu hale hou no ke kūlana ho'okahi o ka lawelawe, ho'okahi manawa ma muli o nā uku hopena, a kekahī manawa hou ma muli o nā 'auhau laulā e ho'ohana 'ia no ka ho'oponopono 'ana i ka nele no ke kūkulu hale e kū nei. Koi 'ia e HRS 'Āpana 46-143(d)(1), e ho'omana'o nā Kalana i nā "'ano, 'a'ole paha i nā uku hopena, e ho'opau 'ia ai nā nele e kū nei, ma loko o ka wa kūpono..." ma ko lākou ho'onohonoho helu 'ana i ka uku hopena. Ma ka nānā 'ana i nā kūlana o nā lawelawe e kū nei kekahī ala e ho'ālo 'ia ai kēia mau hihiā.

Aia he loina e pāku'i mai ana, 'o ia ho'i, 'a'ole e uku pāluia ke kūkulu hale hou no ke kūlana ho'okahi o ka lawelawe. E like me ka mea e hōike 'ia nei ma luna, inā aia ka helu o nā uku hopena i ke kūlana o ka lawelawe i ki'eki'e a'e ma luna o ka mea e kū nei, e ho'ēmi 'ia nā uku e kekahī 'ano kumu hō'ai'ē nāna e ho'omana'o i ke 'ano a ke kūkulu hou i ho'oponopono mai ai i nā nele e kū nei. Loa'a auane'i kekahī kūlana kohu like ke uku piha 'ole 'ia ke kūlana o ka lawelawe e kū nei. E ho'oku'u 'ia ana nā 'ai'ē e waiho ana ma nā kūkulu ho'olako e kū nei, e helu 'ia ana ma ke kūlana o ka lawelawe e kū nei, 'o kekahī hapa, e nā kālā loa'a i ho'oulu 'ia e ke kūkulu hou nāna e uku ho'i i nā uku hopena i mālama 'ia ai ke kūlana o ka lawelawe e kū nei. 'O ka hopena, e ho'ēmi 'ia nā uku hopena i ho'omana'o 'ia ai nā uku 'auhau o kēia mua aku, nāna e ho'oku'u ka 'ai'ē e waiho ana ma nā kūkulu ho'olako e kū nei. Mālama ko Hawai'i kānāwai hō'āmana i kēia nīnau ma HRS 46-143(d)(6), nāna e hō'opia i nā 'ike 'ehiku, e ho'ohana 'ia ana ho'i ho'okahi o lākou no ka wae 'ana i "kekahī hapa i ana kūpono 'ia o nā kumu kū'ai ho'oponopono kūkulu ho'oloko no ka lehulehu", a 'o ia ho'i ka "palena e kakali 'ia ai ka po'e kūkulu hale nāna e ho'oka'a i nā uku hopena no nā makahiki he iwakālua e hiki mai ana, e ho'olawa i ke kumu kū'ai o nā ho'oponopono kūkulu ho'olako e kū nei, ma o nā uku mea ho'ohana, uku 'ai'ē lawelawe, a nā uku 'ē a'e paha, me nā kumu hō'ai'ē e ahu ana paha no kekahī kūkulu hale ma muli o nā uku o kēia mua aku..."

Kuhi 'ia e ko ka Moku'āina kānāwai, e pono ke loa'a kekahī kumu hō'ai'ē no nā 'ano kālā loa'a hou aku ma waho a'e o nā kālā nāna e ho'oka'a 'ai'ē lawelawe ma nā kūkulu ho'olako e kū nei. 'Ōlelo 'ia e HRS 'Āpana 46-143(d)(2), e ho'omana'o pū 'ia ho'i ka "loa'a me ka 'ole paha o nā kālā no nā ho'oponopono kūkulu ho'olako no ka lehulehu, me ka helu pū 'ana, 'a'ole na'e kaupalena 'ia, i nā uku mea ho'ohana, 'auhau, pona, ho'oili ma waena o nā aupuni, me nā hō'auhau kūikawā a loiho paha..." Eia kekahī, wehewehe ka 'Āpana 46-141 o HRS i ka "hapa i ana kūpono 'ia", 'o ia ho'i "ka hapa o ka heluna nui o nā kumu kū'ai ho'oponopono kūkulu

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ho'olako no ka lehulehu i hiki ke ho'olilo kūpono 'ia no ke kūkulu hale, lawe 'ia na'e: (1) ka kumu hō'ai'ē keu o nā ho'oka'a o ke au i hala nei a me ke au e hiki mai ana, i ho'oponopono 'ia e like me ka waiwai e kū nei, no nā kumu kū'ai ho'oponopono kūkulu ho'olako no ka lehulehu i uku a ho'olilo 'ia me ke kūpono i kakali 'ia e hā'awi 'ia mai ana i ka po'e kūkulu hale ma kona kino he uku mea ho'ohana, uku 'ai'ē lawelawe, me nā uku 'ē a'e..."

Ma waho o nā uku 'ai'ē lawelawe, 'a'ole koi 'ia nā kumu hō'ai'ē kū'ai ho'olako kālā 'ē a'e i ho'ohana 'ia nei no nā pāhana ho'oponopono, ho'omāhuahua, ho'onui i ka hiki paha, a i 'ole nā kālā i ho'olilo 'ia no ka uku 'ana no ia mau mea i ke au e hiki mai ana. 'Oiai paha ke kūkulu hale hou e kāko'o ana i ka ho'oulu 'ia o ia mau ho'olako kālā, pēlā pū me ke kūkulu hale e kū nei, a e pono ana ke kūkulu hale e kū nei lāua pū me ke kūkulu hale hou i ke kūlana o ka lawelawe i ho'oki'eki'e 'ia a'e i hiki ke lawe 'ia e nā ho'olako kālā hou aku. I koi 'ia ka ho'omau 'ia 'ana o nā 'ano o ka ho'olako kālā o ke au i hala ma hope o ka hānai 'ai 'ana o ka uku hopena, a e kūpono ana ka ho'owaiwai 'ana i ke kūkulu hale hou no kona ho'olawa 'ana i ia mau kumu ho'olako kālā, pēlā e hō'ike 'ia ai ka hiki 'ole i nā aupuni kūloko ke koi i ka "māhuahua 'ana i mea e uku ai i ka ho'omāhuahua 'ana" inā 'a'ole pēlā kā lakou hana ma'a mau ma mua. E ho'omana'o 'ia nā ho'olako kālā kūloko e ho'olilo 'ia no ka ho'onui 'ana i ka hiki i kēia mua aku, i nā manawa wale nō e loa'a ai ka nele a pono keu paha ma muli o nā kūlana o ka lawelawe i ki'eki'e a'ela ma luna o nā kūlana o ka lawelawe a kū nei, i ho'okino 'ia ma nā ho'onohonoho helu 'ia o nā uku hopena. Inā kū mau nā uku i ka uku 'ana o ke kūkulu hale hou no ka mālama 'ana i nā kūlana o ka lawelawe e kū nei i uku piha 'ia e ke kūkulu hale hou, a hiki ke ho'ohana 'ia nā ho'olako kālā hou aku no ka ho'oki'eki'e 'ana i ke kūlana o ka lawelawe o ke kūkulu hale e hou a e kū nei ho'i, 'a'ohē pono kekahi kumu hō'ai'ē kālā loa'a hou aku. Eia na'e, e hā'awi 'ia ana ke kumu hō'ai'ē ma kēia palapala hō'ike no ke kālā loa'a i ho'olilo 'ia (e la'a ka 'auhau wahie mīkini i kuhikuhi pono 'ia no ka ho'oponopono lawelawe 'ōhua) me nā ha'awina kālā Moku'āina a Pekelala ho'i.

'O ko Hawai'i kānāwai, ho'okahi nō ia o nā kānāwai hō'āmana moku'āina e koi 'ia ai ke kumu hō'ai'ē no nā uku 'auhau waiwai o ke au i hala. 'Ōlelo 'ia e HRS 'Āpana 46-143(d)(5), 'o ka "palena e koi 'ia ai ka po'e kūkulu hale e uku i nā uku hopena, 'o ia ka mea e lawa ai ke kumu kū'ai no nā ho'oponopono kūkulu ho'olako o nā makahiki 'elima nei i hala, a ua loa'a 'ole auane'i kekahi pono keu ma hope mai, a 'o kekahi kumu hō'ai'ē i loa'a ma muli o ke kūkulu hale no ua ho'olawa 'ana", e ho'omana'o 'ia nō ma ka ho'onohonoho helu 'ana i ka uku hopena. E ho'omōakāka 'ia e ka wehewehe 'ana iā "hapa i ana kūpono 'ia" o luna, 'a'ole 'o nā ho'ouku kauoha a ka po'e kūkulu hale wale nō, ua pili nō na'e kēia i nā uku 'auhau waiwai o ke au i hala. Ma mua o ke kūkulu hale 'ana, ua uku nā mea nona kekahi kuleana 'āina hakahaka i nā 'auhau waiwai i ho'ohana 'ia paha, he hapa wale nō, no ke 'ana i nā kūkulu ho'olako, 'o ko lākou 'ano ho'i ka mea e loiilo'i 'ia nei nā uku hopena. 'O ka hopena, e pono ana nō ke ho'ēmi 'ia nā uku hopena e ka waiwai o nā uku 'auhau waiwai e kū nei ma nā makahiki nei i hala he 'elima, i ho'ohana 'ia no ke kūkulu 'ana i nā kūkulu ho'olako e kū nei, 'o ko lākou 'ano ke mea e ho'ouku 'ia nei ua mau uku lā.

*Ua kākau 'ia kēia mokuna e Duncan Associates.*

### 3.0 NĀ NĪNAU NO KE KULEKELE

Hō'ike kēia mokuna e pili pono loa ana i nā pilikia o ke kulekele i loa'a mai ai nā mana'o e ho'oikaika iā ia.

#### Ka Manawa e 'Ohi 'ia ai

Hiki ke 'ohi 'ia ai ko Hawai'i mau uku hopena i ka wā e ho'omahele 'ia ai ke kaiahale, a ka wā e hā'awi 'ia ai ka palapala 'ae kūkulu paha. 'Oi aku paha ke 'ohi 'ia i ka wā o ka ho'omahele kaiahale no ka ho'olō'ihi 'ana i ka wā e hiki ai i nā uku hopena ke ho'ohana 'ia no ka ho'oponopono ma mua o ke kūkulu hale maoli 'ana. Eia na'e, inā aia ka ho'omahele kaiahale ma mua loa o ke kūkulu hale maoli, ua hiki nō ke kūkulu 'ia nā ho'oponopono ma mua o ke kūkulu hale.

Me ka 'ohi 'ana i ka wā o nā palapala 'ae kūkulu e 'ike 'ia ai e pili loa ana i ka mea e kūkulu 'ia ana, ma mua o nā mea i hiki ke 'ike 'ia i ka wā o ka ho'omahele kaiahale. No nā ho'ohana 'āina nona ka uku hopena i loa'a ma muli o ke kapua'i huinahā, e la'a ka 'oihana kālepa a kāpili ho'i, e pono ke 'ohi 'ia ia mau uku hopena i ka wā o nā palapala 'ae kūkulu. 'Ohi 'ia nā uku hopena wai 'ōpala e kū nei ("ohi 'ia 'ana a ho'oma'ema'e ho'i) no nā ho'ohana 'āina a pau i ia wā nō

E konokono 'ia ka 'ohi 'ia 'ana o nā uku hopena e like me ka wā e hā'awi 'ia ai nā palapala 'ae kūkulu, 'oiai penei e kohu a'e ai ka pono ke kūkulu 'ia ke kūkululoko.

#### Ka Loiloī 'Ana me nā 'Āpana Makepono

'O ka 'āpana loiloī, a 'āpana lawelawe paha, 'o ia ka 'āpana kahi e loa'a ai ho'i ka lawelawe. 'O nā 'āpana loiloī ho'i ka mea e ho'onohonoho helu 'ia ai nā kumu kū'ai kūwaena. 'Oiai e 'oko'a iki nā kumu kū'ai ma nā wahi like 'ole o ka mokupuni, 'u'uku nō paha ka 'oko'a, no laila ho'i e konokono 'ia nei he 'āpana loiloī no Kaua'i.

He wahi ka 'āpana makepono kahi e ho'olilo 'ia ai nā uku hopena i 'ohi'ohi 'ia. 'O ka mea nui ka hō'opia 'ana e lilo ka makepono i ke kūkulu hale i 'ohi mua 'ia ai nā uku hopena. He 'āpana makepono ko ka lawelawe wai 'ōpala e kuhikuhi pono 'ia e nā wahi o ka lawelawe. No nā mahele Lawelawe 'Ōhua, Pāka, Ho'opio Ahi, Māka'i, a 'Ōpala Pa'a, konokono 'ia e lilo ka mokupuni holo 'oko'a ma ke 'ano he 'āpana makepono ho'okahi. 'O ka nui o ka mokupuni me ka hiki i kona po'e ke ka'apuni hele aku ke kumu o kēia e kūpono ai ka no'ono'o. He mea nui ke ho'omana'o 'ia, ho'ohana 'ia nā uku hopena no ka ho'oponopono 'ana i hāmama 'ia i ka lehulehu. Hō'opia 'ia e kekahi mau nīnauele me ko ke Kalana mau ke'ena like 'ole, ma ke ākea, 'o ka ho'oponopono 'ana ma kahi ho'okahi ma Kaua'i, e makepono nō ka mokupuni holo 'oko'a.

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### Nā Kumu Hō'ai'ē ma Mua o ke Kau mai o ke Kānāwai

Inā ua laulima mai kekahi po'e kūkulu hale ma kekahī 'ano me ke kālā 'ole no nā kūkulu hale i ho'opau 'ole 'ia, e pono ke ho'ēmi a ho'oku'u loa 'ia no ke koena o ke kūkulu hale ma ia mau papahana.

Ma ke kūlana e pili ana i nā kūkulu ho'olako pāka, inā hānai 'ia nā uku hopena no nā 'āina pāka a ho'oku'u loa 'ia ke koina ho'olilo pāka, e loa'a nā kumu hō'ai'ē no nā 'āina a i 'ole ma kahi o nā uku i hā'awi 'ia i ke Kalana.

### Ka Ho'oka'a 'Ai'ē i ke Kau Mai o ke Kānāwai

E like me ke kumu hō'ai'ē ma mua o ke kau kānāwai, he pono paha ke loa'a ka ho'oka'a 'ai'ē ke kau mai ke kānāwai no ko ka po'e kūkulu hale mau ho'ouku kauoha e kauoha 'ia ma hope o ke kau mai o ka uku hopena. He mau ho'oponopono 'ana paha kēia i noi 'ia e ke kānāwai kā'ei ho'ohana 'āina, a e pili ana nō i nā ho'oponopono 'ana o waho o ke kahua maoli.

### He Wā Ho'oma'ama'a Mālie

'O ka wā hele ma waena o ka hānai 'ia 'ana o ke kānāwai me kona lā e mana ai, 'o ia ho'i ka "wā ho'oma'ama'a mālie". Na kēia wā e ho'olaha i ka lehulehu no ka hiki 'ana mai o ke koina, a ma kēia wā e hiki ai i nā papahana e kū nei ke noi i palapala 'ae a ho'okō aku i ko lākou mau koina Kalana.

Ma ka wā ho'oma'ama'a mālie e lawa ai ho'i ka manawa e hiki ai i ka mana ho'okolokolo e ho'okumu i mau hana lawelawe, e la'a ka ho'oholo 'ana i kahi kuhina uku hopena, me ka ho'onohonoho 'ana i ka hana 'ohi'ohi a mālama mo'ohelu kālā ho'i. He maika'i ke kali 'ia ho'okahi makahiki ma hope o ka hānai 'ia 'ana o ke kānāwai no ka lā e mana ai ka uku hopena.

Eia ho'i, hiki ke ho'oholo 'ia e ho'oma'ama'a 'ia ma nā pākēneka o ka uku palena nui. I la'ana, ma 50% aku nō paha ka uku hopena ma hope o 6 mahina, 75% ma hope o 12, a 100% ma hope o 18 mahina. He koho paha kēia no nā uku hopena, koe na'e ko ka wai 'ōpala, 'o ia ho'i he uku e kū nei nō a he ho'onui 'o ia.

### Ko nā Uku Palena Nui

Na kēia palapala hō'ike e ho'onohonoho helu i ko nā uku palena nui e hiki paha i ke Kalana o Kauai'ke hānai. Inā ho'oholo ke Kalana e hānai ma lalo o ka 100% o nā uku, e like pū ana paha nā ho'ohana 'āina a pau no ia uku ma ia pākēneka like.

No ka hapa nui o nā uku hopena i hiki paha ke ho'ouku 'ia, ua lawa nā papahana e 'āpono 'ia ai ka ho'ouku 'ana i ka uku hopena palena nui loa, koe na'e ka uku hopena Ho'opio Ahi/EMS. Aia i ka nui e mahu'i 'ia nei me ka wā e pau ai ko Wailua hale ho'opio ahi me nā ho'onui 'ana i nā hale ho'opio ahi e kū nei, e ho'ouku 'ia he uku hopena ma lalo loa o kona palena nui, a i 'ole e ho'oku'u loa 'ia paha ka uku hopena Ho'opio Ahi/EMS.

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E pono ke lawa nā uku i mea ho'i e lawa ai no ka ho'ihoi waiwai 'ana i ka po'e kūkulu hale i ka wā e pono ai. Inā lawa 'ole ke kālā loa'a i uku ai i ka po'e kūkulu hale no ka ho'oponopono 'ana, e lō'ihī a'e ka wā e pono ai no ka uku 'ana i ka po'e kūkulu hale, a e emi nā kumu kālā i hiki ke ho'ohana 'ia no nā papahana kalana e ho'olako kālā 'ia e nā uku hopena. Keu ho'i 'o nā uku hopena alahele, 'a'ole e hānai 'ia ma ke pākēneka ha'aha'a o ko nā kumu kū'ai palena nui. No ka mea, 'o ka hana ma'a mau a ka po'e kūkulu hale, hā'awi mai lākou i ka pono o ke alahele i hiki ke hele 'ia a me ke kūkulu maoli 'ana i ke alahele, a ma ke 'ano o ka uku hopena e ho'ihoi 'ia ai ka waiwai e like kona nui me ka waiwai o kā lākou i hā'awi mua ai (ma luna o ka ho'olilo 'ana i koi 'ia) ma ka uku. No laila, inā hānai 'ia ka uku ma ka pākēneka ha'aha'a, e ha'aha'a 'ino loa ana nā uku i 'ohi 'ia, 'a'ole e uku 'ia a lawa ka po'e kūkulu hale e ka waiwai i ho'ihoi 'ia iā ia.

### Nā Uku Nohona Kupa Holomua

Ua 'imi loa 'ia kekahi koho no ke kulekele, 'o ia ho'i nā uku nohona kupa holomua. He mau uku kēia e loliloli ma ka nui o ka hale noho, no ke kūkākūkā 'ana e pili ana i ka pipi'i loa me ka 'ole o nā hale. 'Oiai ua ho'ohana 'ia nā uku nohona kupa holomua ma nā 'ano mana ho'okolokolo he lehulehu, ke emi nei ko lākou ho'ohana 'ia 'ana i ke alo o nā uku hopena hou. No ka mea, 'a'ole paha ho'ohālike mōakāka mau 'ia ka 'ikepili e pili ai ka nui o ka hale me nā hopena. E aho ka nui o ka 'ohana ma ke 'ano he wānana ia no ka hopena, a 'a'ole paha pili kona pilina i ka nui o ka hale noho. He mea pohihihī e huikau ai paha ka no'ono'o nā uku nohona kupa holomua ma ko lākou ho'oholo 'ana i nā uku hopena, a no laila e konokono 'ole 'ia no ke Kalana o Kauai'i.

### Nā Hale Pipi'i Loa 'Ole

'O ka ho'oku'u 'ana i nā uku no kekahi mau hapa o ka heluna kānaka, he mea paha ia e ho'āhewa no ka uku hopena, kohu like ia me ka 'auhau kū'ē kānāwai. Ma kahi o ka ho'oku'u 'ana i nā uku, i mea e ho'ēmi ai i ko lākou hopena ma nā kama'āina loa'a emi aku, hiki ke ho'oka'a 'ia nā uku e kekahi mau kumu ho'olako kālā. Hiki ke ho'oka'a 'ia nā uku hopena no nā papahana hale pipi'i loa 'ole ('o ia ho'i, 'o Habitat for humanity a nā hale kōkua pono'i iho) e ke Kalana me kekahi mau kālā kakahe 'oko'a. I mea e ho'olaha ai ma ke ākea aku i ka hiki ke kū'ai a ho'okuleana 'ia kekahi hale 'a'ole pipi'i loa, na ke Kalana paha e hā'awi a hō'ai'ē paha i ka po'e kū'ai hale i lawa ai ka nui o ka uku hopena e uku 'ia no ia hale.

### Māhuahua Akamai

Ua ho'okaumaha 'ia kēia palapala hō'ike e ka nānā 'ana i nā uku hopena ma ko lākou 'ano e pili ana i nā loina māhuahua akamai e konokono 'ia nei e ke Kalana. Pili ka māhuahua akamai i ke 'ano i ho'olālā 'ia ai ka ho'omāhuahua 'ana i ka ho'okele waiwai me ke kaiāulu nāna e kūlia nei i ka ho'ohui like i ka māhuahua 'ana i kahi kokoke e hele wāwae 'ia ma nā kikowaena kiwikā, a e ho'opau aku ho'i i ka holo wikiwiki o ke kiwikā.

He mau nīnau kūpono e pili ana i ka pilina ma waena o ka māhuahua akamai me nā uku hopena. E like me ka mea i wala'au 'ia ma Mokuna 2 Ke Ka'ina Hana Kū Kānāwai, he pono ke

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loa'a he pilina kūpono i nā uku hopena. Inā e ho'ouku 'ia ka uku hopena i ha'aha'a aku ma nā wahi o ka māhuahua akamai, e pono ana ke ha'aha'a pū nā mea e pono ai kēlā kūkulu ho'olako ma lalo o ko kekahi mau wahi aku. 'Oiai ha'aha'a aku nō paha nā mea e pono ai ke kūkulu ho'olako no kekahi o nā 'ano lawelawe ma kahi kiwikā 'īkoi ('o ka mea ma'a mau, 'o ke emi 'ana nō ia o ka mamao e hele ai nā ka'a lawelawe), he hana nui 'ino kona helu kūpono 'ia 'ana, 'oiai ho'ololi nui 'ia aku ka hapa nui o nā 'ano lawelawe e ka nui o ka po'e nona ka lawelawe. He hana nui ka ho'āpono 'ana i ka 'oko'a o ka mamao o ka helena o ke ka'a i emi akula, me nā manawa o ka hele ka'a 'ana i emi iho, ma ke 'ano e ho'opale 'ia ai.

Eia ho'i, he mea nui ke kuhikuhi 'ia, inā ho'oponopono helu 'ia kahi uku ma ka 'oko'a o ka māhuahua akamai, a hiki nō ho'i ke ho'opale 'ia, 'o ka nui i emi iki akula, 'a'ole paha ia he mea e makemake 'ia ai ke koho 'ana i kahi o ka māhuahua akamai ma mua o ke koho 'ana i kahi hou aku. No ka mea paha, 'a'ole lawa ka nui e 'oko'a ai kekahi mai kekahi, inā pēlā nā kumu kū'ai o ke kūkulu hale. Eia ho'i, 'ano ho'ohui like 'ia ka ho'okuleana 'ana i ka 'āina ma Kaua'i, a he mea nui kēlā no ke koho 'ana i kahi kūpono e kūkulu hale ai.

I mea e konokono ai i ke kūkulu hale ma kahi o ka māhuahua akamai, e like me nā mana'o ho'oiakaika o luna no nā hale pipi'i loa 'ole, hiki paha i ke Kalana ke uku i nā uku hopena no kahi o ka māhuahua akamai e ho'oholo 'ia auane'i.

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### 4.0 MAHELE HANA O KĒIA MUA AKU

Inā ho'oholo ke Kalana o Kaua'i e 'imi i kekahi uku hopena, ma kēia palapala hō'ike e loa'a ai ke kālailai mua 'ana e pono ai. Ma Pāku'ina G e loa'a ai kekahi kānāwai hō'ike'ike 'u'uku wale nō, a no kēia palapala hō'ike kekahi papa kuhikuhi no nā koho kulekele no kona ho'okomo pū 'ia 'ana paha ma ke kānāwai.

Ua mālama 'ia ho'okahi hālāwai me ka po'e kūkulu hale me ka po'e kū'ai hale i loko o ko ka palapala hō'ike wā e ho'oholomua 'ia ana. Hiki ke 'ohi'ohi 'ia kekahi mau mana'o o ka po'e nona kēia kuleana ma ka wā e ho'olauna 'ia ai kekahi kānāwai uku hopena. A, inā ho'okumu 'ia nō paha ke kānāwai, he mea kūpono nā hālāwai ho'olaha 'ikepili a 'aha kūkā ho'i ke mālama 'ia i hō'opia ai e ho'oma'ama'a 'ia ka po'e i pā iholia i ke kau mai o ia kānāwai.



## **MAHELE II: HO'ONOHONOHO HELU 'IA NĀ UKU HOPENA**



## 5.0 KA LAWELAWE 'OHUA

'O ke kumu o kēia mahele ka ho'onohonoho 'ana i ka papa manawa o ko ka uku hopena palena nui no ka ho'oponopono 'ana i ka lawelawe 'ohua ma ke Kalana o Kaua'i. Makemake 'ia nā uku hopena lawelawe 'ohua i noi 'ia e ho'olako kālā i nā ho'oponopono ma muli o nā hopena o kekahī kūkulu hale hou ma ko Kaua'i pūnaewelege lawelawe 'ohua. Eia na'e, kaupalena 'ia ka ho'ohana 'ia 'ana o nā uku i 'ohi 'ia no ka ho'olako kālā 'ana i nā papahana ho'onui hiki o ka lawelawe 'ohua e makepono ai ke kūkulu hale hou.

'Ekolu nā 'ano i no'ono'o nui 'ia ai nā uku hopena, pili i ka mea ho'okuleana, me ke 'ano i ho'onohonoho 'ia ai ke alahele ma ke Kalan o Kaua'i:

- Ko ka Moku'āina mau alaloa a alahele ho'ohui;
- Ko ke Kalana mau alaloa a alahele ho'ohui; me
- ko ke Kalana pūnaewelege lawelawe 'ohua 'ano like 'ole.

'Oiai ua no'ono'o mua 'ia e helu pū, ua ho'oku'u 'ia nā uku hopena no ko ka Moku'āina alaloa a alahele ho'ohui nō ho'i e kēia palapala hō'ike, 'oiai he mea ka 'ohi 'ia ana o nā uku hopena no nā kūkulu ho'olako moku'āina e hala wale aku ai, a 'a'ole ia he mea e makepono ai ke Kalana (Kānāwai Moku'āina 197 ma Pāku'ina B e hō'ike i kēia kūlana i hiki paha). Eia ho'i, he mau ala hou aku e ho'olako kālā 'ia ai no nā ho'oponopono e pono ai ma ko ka Moku'āina mau alahele, me ka helu pū 'ana i ka ho'ohana 'āina me ke 'ano e ho'ololi 'ia ai ke kā'ei ho'ohana 'āina.

Ua helu pū 'ia ma kēia palapala hō'ike nā uku hopena no ko ke Kalana mau alaloa a alahele ho'ohui me ka 'ike 'ana i ko Kalana holo 'oko'a, 'oiai no ke Kalana ke kuleana o ka ho'olako kālā 'ana i ia mau alahele. Ma waho a'e o nā papahana ho'onui hiki o loko o ko ke Kalana mau polokalamu ho'oponopono (CIP) no ka makahiki 'auhau (FY) 2013/14 a i 2018/19, ua pāku'i pū mai ke Kalana i ka 'ikepili e pili ana i nā papahana ho'onui hiki keu e ho'ohui 'ia ana ma loko o ka CIP ma kēia mua aku.

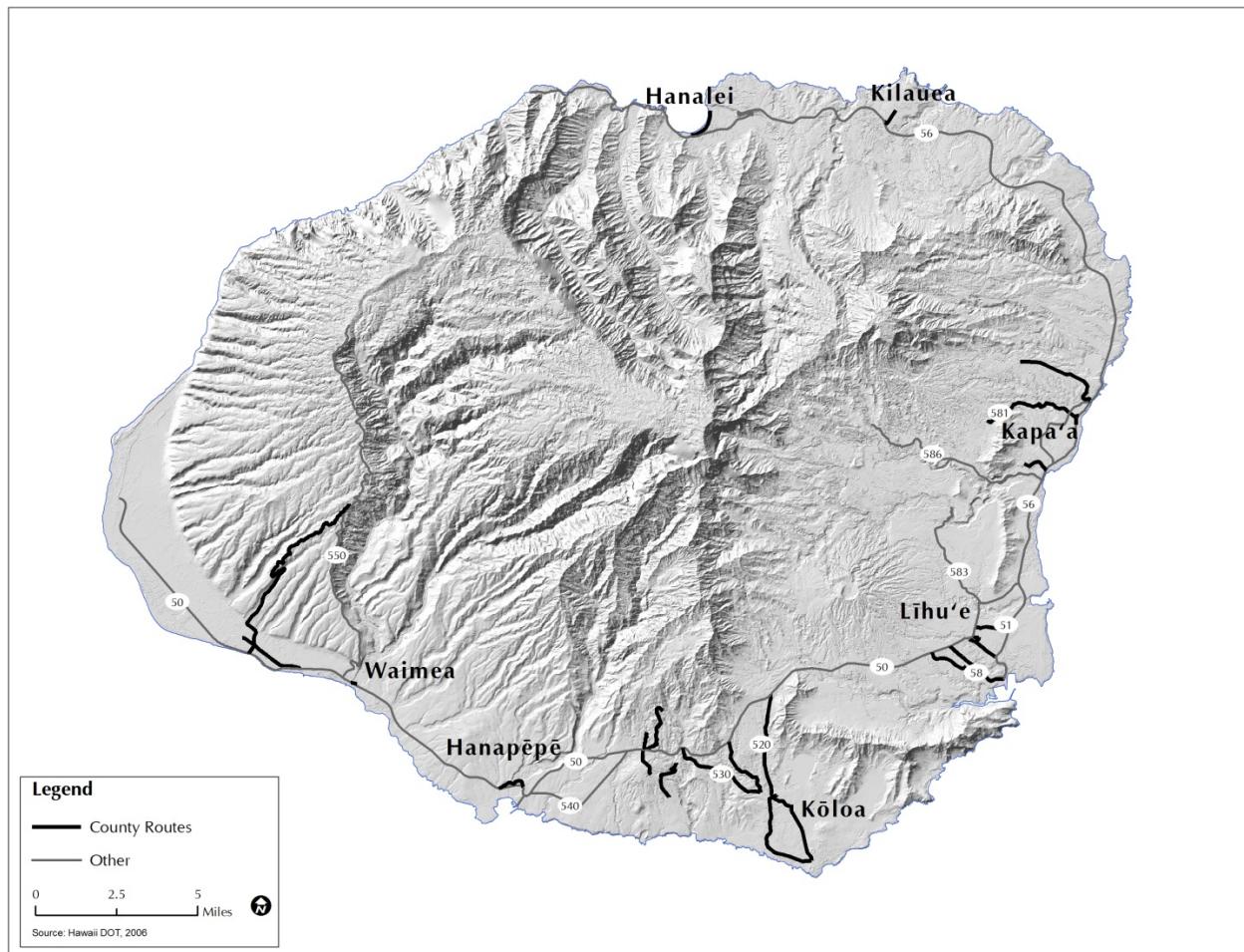
Ua helu pū 'ia ma kēia palapala hō'ike nā uku hopena no ko ke Kalana pūnaewelege lawelawe 'ohua 'ano like 'ole me ka 'ike 'ana i ko Kalana holo 'oko'a, i lawa ai ko ke Kalana kuleana e ho'omaka a ho'oikaika 'ia ai ka lawelawe 'ohua 'ano like 'ole. He hapa ia o ke au kāhuli mai ke au o nā ka'a a i ke au e nui hou ai nā 'ano o ka lawelawe 'ohua, ua ho'oholo ke Ke'ena o nā Hana no ka Lehulehu (DPW), e kau nui ana nō paha ka mana'o o nā papahana lawelawe 'ohua mai kēia mua aku, i nā papahana lawelawe 'ohua 'ano like 'ole, ma kahi o nā papahana e pāku'i wale aku nō i kekahī ala hou ma ka 'ao'ao o ko ke Kalana mau alahele nui.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Ka Loiloi 'ia me nā 'Āpana Makepono

Konokono 'ia ka 'ike 'ana i ko ke Kalana holo 'oko'a no ka ho'onohonoho helu 'ana i ka uku hopena lawelawe 'ōhua i noi 'ia, 'oiai 'o ke kūlana ma'a mau, e makepono nō paha ka po'e ho'ohana i ko Kaua'i mau lawelawe 'ōhua, i nā ho'oponopono 'ana ma nā 'āpana hou a'e. I ka MH 2011, ua ana nui 'ia nā mana'o like 'ole pili i ke kāko'o 'ana i ka Papahana Lawelawe 'Ōhua 'Ano Like 'Ole (MLTP). Ua ana 'ia nā mana'o o nā kama'āina ma 'elima 'āpana; Kaua'i Komohana, Kōloa-Po'ipū-Kalāheo, Līhu'e, Kaua'i Hikina, me Kaua'i 'Ākau. Ma waena o kekahi mau 'ano o ke au, ua 'ike 'ia nō, he mea ma'a mau ka hele 'ana o kama'āina i kahi 'āpana aku.



### Ki'i 5.1 Alahela Kalana

#### Ke Ki'ina Hana

Ho'onohonoho helu 'ia ka uku hopena i noi 'ia e kekahi 'ano hana e nānā nui aku i ka mea i "ai 'ia", 'o ia ho'i, uku ka po'e kūkulu hale i ke kumu kū'ai o ka pani hakahaka 'ana i ka mea āna i 'ai ai ma ko ke Kalana lawelawe 'ōhua. No kēlā me kēia Mile Ka'a Hele 'ia (VMT) i loa'a ma muli o ke kūkulu hale hou, e uku ka po'e kūkulu hale i ka huina kumu kū'ai no ke kūkulu 'ana i kekahi Mile

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

Ka'a Hiki (VMC) keu, i helu 'ia ma ka 'ike 'ana i nā kumu kū'ai no nā alahele i kūkulu 'ānō iho nei. E lilo ka huina kumu kū'ai i kumu hō'ai'ē na ka po'e kūkulu hale no nā mea o lalo:

- Wahie me nā 'auhau ka'a
- Ke kālā ho'oponopono alahele i ho'olālā 'ia, loa'a mai nā kumu kālā o waho o ke Kalana
- Ka 'ai'ē e waiho nei pili i nā alahele
- Ka lawelawe ai'ē pona Laulā
- Ka waiwai e kū nei o nā 'auhau kuleana 'āina o nā makahiki 5 nei i hala

Penei kekahi ha'ilula no ka uku hopena lawelawe 'ōhua i ho'oma'alahi 'ia:

*Uku Hopena = (Waiwai e kū nei o ke kūkululoko lawelawe 'ōhua e kū nei/VMT e kū nei) \*  
(VMT i noi 'ia) - nā Kumu Hō'ai'ē*

Ho'onohonoho 'ia ma nā mahele o lalo nā helu i ho'onohonoho 'ia iho ma kēia palapala hō'ike.

- Kauoha Huaka'i
- Ka nui e Lawa ai nā Alahele
- Kumu Kū'ai o ka 'Āpana Lawelawe
- Huina Kumu Kū'ai o ka 'Āpana Lawelawe
- Papahana Ho'oponopono Ko'iko'i

### Kauoha Huaka'i

Ua mo'ohelu 'ia e ke Kalana o Kaua'i kona mau alahele nui a pau ma nā 'ano penei:

- Alaloa Mua
- Alaloa Hope
- Alahele Ho'ohui Nui
- Alahele Ho'ohui 'U'uku

Ua helu pū 'ia nā ka'a ne'e i ke alahele, 'o ia ke 91% o nā alakahi-mile e waiho nei i helu 'ia e ka mo'owaiwai. No nā alahele nona nā ka'a i helu 'ole 'ia, ua ho'onohonoho helu 'ia ka VMT o ka alakahi-mile ma loko o kēlā me kēia mahele a ho'onui 'ia e ka helu o nā alakahi-mile nona nā ka'a i helu 'ole 'ia, me kekahi helu ho'opolei i loa'a mai ai he VMT koho. Ma kēia palapala hō'ike, ua ho'okāpili 'ia he 50% helu ho'opolei i ka helu koho o nā "hele 'ana/ala", i helu 'ia ma muli o ke kuhi 'ana, ua emi nā ka'a ma nā alahele Kalana nona nā ka'a i helu 'ole 'ia (Alanui Kīlauea me ka Alanui Mā'alo Līhu'e-Hanama'ulu) ma lalo o ka nui o nā ka'a ma nā alahele o loko o ko lākou mau mahele. Pāku'i 'ia mai ka VMT i 'ike 'ia me ka VMT koho i loa'a mai ai ka "Huina VMT ma ka mahele alahele" e like me ka mea e hō'ike 'ia ma Pākaukau 5.1, o lalo.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 5.1 Huina Ka'a-Mile o ka Hele 'Ana ma nā Mahele Alahele a Mea Ho'okuleana

| Mahele Alahele            | A                          | B               | C = B / A                  | D                                  | E = C * D | F = B + E    |
|---------------------------|----------------------------|-----------------|----------------------------|------------------------------------|-----------|--------------|
|                           | Alakahi-Mile<br>me nā Helu | VMT 'ike<br>'ia | Helu Koho Hele<br>'Ana/Ala | Alakahi-Mile<br>me nā Helu<br>'ole | VMT koho  | Huina<br>VMT |
| Alaloa Mua                | 0.00                       | 0               | 0                          | 0.00                               | 0         | 0            |
| Alaloa Hope               | 10.70                      | 47,189          | 2,205                      | 0.00                               | 0         | 47,189       |
| Alahele Ho'ohui<br>Nui    | 77.10                      | 179,282         | 1,163                      | 11.12                              | 12,929    | 192,211      |
| Alahele Ho'ohui<br>'U'uku | 48.74                      | 51,840          | 532                        | 1.80                               | 957       | 52,797       |
| Alahele Kalana            | 136.54                     | 278,311         | 1,694.46                   | 12.92                              | 13,886    | 292,197      |

Kumu:

Nā Alakahi-Mile me nā Helu, Alakahi-Mile me nā Helu 'ole me ka VMT 'ike 'ia - Pāku'ina C.

'O ka helu o nā hele 'ana mai ka "Trip Generation Manual", Kulanui Wilikī Lawelawe 'Ōhua, me ka Pukana 'Eiwa, ua ho'onui 'ia a'e e ka helu o nā 'āpana o kēlā me kēia ho'ohana 'āina mai ka "Hawai'i Housing Study", 2011; na "ko Hawai'i Ke'ena Ho'okipa Malihini Visitor Plant Inventory", 2012; me ko ke Kalana o Kaua'i 'Oihana Kālā i hā'awi mai ka 'ikepili i loa'a ai ka huina o nā hele 'ana i pili aku i kēlā me kēia ho'ohana 'āina. Ua koho 'ia ka huina o nā hele 'ana ma lalo o 200,000 hele 'ana o ka lā e like me ka mea e hō'ike 'ia nei ma Pākaukau 5.2, o lalo.

### Pākaukau 5.2 Huina o nā Hele 'Ana ma ke 'Ano o ka Ho'ohana 'Āina

| Helu ITE<br>Ho'ohana 'Āina          | Ho'ohana 'Āina                    | 'Āpana<br>Noho | A                       | B                         | C = A * B               |
|-------------------------------------|-----------------------------------|----------------|-------------------------|---------------------------|-------------------------|
|                                     |                                   |                | 'Āpana Noho e<br>kū nei | Nā Hele 'Ana<br>e pono ai | Nā Hele 'Ana<br>o ka lā |
| 210                                 | 'Ohana-Ho'okahi<br>(Ho'oku'u 'ia) | Hale Noho      | 21,795                  | 4.76                      | 103,744                 |
| 220                                 | 'Ohana-Lau/Hou aku                | Hale Noho      | 3,996                   | 3.33                      | 13,287                  |
| 310 & 320                           | Hōtele/Mōtele                     | Lumi Noho      | 8,289                   | 4.51                      | 37,363                  |
| 110, 130 & 150                      | 'Oihana Kāpili                    | 1,000 kh       | 2,831.58                | 2.89                      | 8,193                   |
| 710 & 820                           | 'Oihana                           | 1,000 kh       | 4,724.42                | 7.24                      | 34,209                  |
| <b>Huina o nā Hele 'Ana o ka Lā</b> |                                   |                |                         |                           | <b>196,796</b>          |

Kumu:

Helu Ho'ohana 'Āina a Ka Helu 'Ana i nā Hele 'Ana o ka Lā - "Trip Generation Manual, 9th Edition", ITE Ua ho'oponopono 'ia ka helu ITE Ho'ohana 'Āina 820 e ka 42% helu hele 'ana- "Trip Generation Handbook, 2nd Edition", ITE

'Āpana Noho 'Ohana-Ho'okahi a 'Ohana-Lau e kū nei - Hawai'i Housing Study 2011 (Pākaukau IA-15 Mo'owaiwai Ilina Hale Noho 'Ohana Ho'okahi ma nā Lumi Moe, 2010)

'Āpana Hōtele/Mōtele e kū (ko Hawai'i Ke'ena Ho'okipa Malihini Visitor Plant Inventory, 2012)

'Āpana 'Oihana Kāpili a Pāka 'Oihana e kū nei – ko ke Kalana o Kaua'i Ke'ena 'Oihana Kālā

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

'O ka lō'ihi kūwaena o nā hele 'ana, ua hiki ke ho'onohonoho helu 'ia e ka pu'unaue 'ia 'ana o ka VMT ma ko Pākaukau 5.1 Alahele Kalana e ka huina o nā hele 'ana o ka lā ma ko Pākakukau 5.2, e like me ka mea e hō'ike 'ia nei ma Pākaukau 5.3 o lalo. 'O nā hele 'ana 'ano pōkole ma nā alahele Kalana, he kūpono paha ia i ka no'ono'o, 'oiai o ka mea ma'a mau, no nā wahi 'u'uku nā alahele Kalana i ho'opili 'ia aku ma nā alahele Moku'āina.

**Table 5.3 Lō'ihi Kūwaena o nā Hele 'Ana**

|                  |  |         |
|------------------|--|---------|
| <b>A</b>         | Huina Koho o nā Hele 'Ana Ka'a-Mile o ka Lā, Alahele Kalana(VMT) | 292,197 |
| <b>B</b>         | Huina o nā Hele 'Ana o ka Lā                                     | 196,796 |
| <b>C = A / B</b> | <b>Lō'ihi Kūwaena o nā Hele'Ana, Alahele Kalana (mile)</b>       |         |
|                  |  | 1.48    |

Kumu:

Huina Koho o nā Hele 'Ana Ka'a-Mile - Pākaukau 5.1

Huina o nā Hele 'Ana o ka Lā - Pākaukau 5.2

Ma Pākaukau 5.4, ua ho'ohālike 'ia ka lō'ihi kūwaena o ka hele kalana 'ana mai Pākaukau 5.3 me ka lō'ihi kūwaena o ka hele 'ana kaumoku'āina mai ka "National Household Travel Survey", Ke'ena Alaloa Pekelala, 2009 i mea e loa'a ai kekahi helu e ho'oponopono 'ia ai ka helu kūloko, he 0.17. Kūpono nō paha ka helu ho'oponopono kūloko 'oiai 'o ka hele 'ana mai kekahi taona a hiki i kekahi aku, e hele 'ia nō ma ko ka Moku'āina alaloa no ka hapa nui o nā mile. Ua ho'okāpili 'ia ka helu ho'oponopono i nā lō'ihi kūwaena o nā hele 'ana kaumoku'āina no nā kumu like 'ole o ka hele 'ana, i loa'a ai nā lō'ihi kūwaena o nā hele 'ana kūloko, e like me ka mea e hō'ike 'ia nei ma Pākaukau 5.4.

### **Pākaukau 5.4 Lō'ihi Kūwaena o nā Hele 'Ana Kūloko ma ke Kumu o ka Hele 'Ana**

| Kumu o ka Hele 'Ana  | A   | B = C / A                   | C                                   |
|--|---|-----------------------------|-------------------------------------|
|  | Lō'ihi o ka Hele 'Ana Kaumoku'āina (mile) | Alahele Kalana              |                                     |
|  |   | Helu Ho'oponopono Kūloko    | Lō'ihi o ka Hele 'Ana Kūloko (mile) |
| Helu Kūwaena   | 8.98                                      | 0.17                        | 1.48                                |
|  |   | <b>B (Helu 'ia ma luna)</b> | <b>D = A * B</b>                    |
| Hele i/mai ka hana aku   | 12.20                                     | 0.17                        | 2.07                                |
| Ho'ohau'oli a Ho'onanea  | 11.20                                     | 0.17                        | 1.90                                |
| 'Ohana aku/Pono'i iho  | 7.10                                      | 0.17                        | 1.21                                |
| Kū'ai Hele   | 6.40                                      | 0.17                        | 1.09                                |
| Kumu 'ē a'e a pau ('o ia ho'i, ke kula, hale pule, kauka, kauka niho, 'oihana) | 9.70                                      | 0.17                        | 1.65                                |

Kumu:

'O ka lō'ihi o ka hele 'ana kaumoku'āina ma ke Kalana, 'a'ole ia ma ka MSA - "National Household Travel Survey, 2009", Ke'ena Alaloa Pekelala.

Lō'ihi Kūwaena o ka Hele 'Ana Kūloko- Pākaukau 5.3.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

Na Pākaukau 5.5 e ho'onohonoho helu i ka VMT o ka lā i pili aku i nā 'ano ho'ohana 'āina like 'ole ma ke Kalana o Kaua'i. Ua ho'onohonoho helu 'ia ka VMT o ka lā ma ke 'ano ho'ohana 'āina e ka ho'onui 'ia 'ana o nā lō'ihi o nā hele 'ana mai Pākaukau 5.4 me nā lō'ihi kūwaena o nā hele 'ana o ka lā mai Pākaukau 5.2.

### Pākaukau 5.5 Nā Ka'a-Mile Hele 'ia o ka Lā ma ke 'Ano Ho'ohana 'Āina

| Helu ITE<br>Ho'ohana 'Āina | 'Ano Ho'ohana 'Āina               | 'Āpana<br>Noho | Helu<br>Kūwaena o<br>nā Hele<br>'Ana | Alahele Kalana |                |
|----------------------------|-----------------------------------|----------------|--------------------------------------|----------------|----------------|
|                            |                                   |                |                                      | Lō'ihi (mile)  | VMT o ka<br>Lā |
| 210                        | 'Ohana-Ho'okahi (Ho'oku'u<br>'ia) | Hale<br>Noho   | 4.76                                 | 1.48           | 7.07           |
| 220                        | 'Ohana-Lau/Hou aku                | Hale<br>Noho   | 3.33                                 | 1.48           | 4.94           |
| 310 & 320                  | Hōtele/Mōtele                     | Lumi<br>Noho   | 4.51                                 | 1.90           | 8.58           |
| 110, 130 & 150             | 'Oihana Kāpili                    | 1,000 kh       | 2.89                                 | 2.07           | 6.00           |
| 710 & 820                  | 'Oihana                           | 1,000 kh       | 7.24                                 | 1.09           | 7.88           |

Kumu:

Ho'ohana 'Āina a Lō'ihi Kūwaena o nā Hele 'Ana o ka Lā - Pākaukau 5.2

Lō'ihi o nā Alahele - Pākaukau 5.4

### Ka Nui e Lawa ai nā Alahele

'Eono nā mahele o ke Kūlana o ka Lawelawe (LOS) e 'ae 'ia e ke aupuni kaumoku'āina, mai ka LOS A a ka LOS F, 'o ka mana'o o ka mua, 'o ia ho'i 'o "Free Flowing Traffic", me ka mana'o o ka hope, 'o ia ho'i 'o "Congestion -- Stop and Go Traffic". Pili ka LOS E me ka hele mālie he ho'okahi na'e ka wikiwiki a he hō'ailona ia no ka piha'ū o ke alahele ma mua o ka pa'apū o ke alahele e hele a kū ai ka ne'e 'ana.

'O ka nui e lawa ai ke alakahi, aia nō ia i nā 'ano 'ike like 'ole he nui, me ka helu pū 'ana i, 'a'ole na'e kaupalena 'ia e ka ho'onohonoho 'ana i nā alakahi, ka pinepine o nā hō'ailona ka'a, me nā wahi e huli ai. 'Oiai 'a'ohe palapala pa'i a ho'olaha 'ia nāna e wehewehe ākea ana i ko Hawai'i mau alahele, a ua a'o nui ko Florida i ka 'ike no ke koho 'ana i ka nui e lawa ai ko lākou, "Quality/Level of Service Handbook, 2009", kuhikuhi 'ia i ko Florida Ke'ena Lawelawe 'Ōhua i mea e ho'oholo ai i ka nui e lawa ai ma kēia palapala hō'ike.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 5.6 Ka Nui e Lawa ai ke Alakahi ma Kona 'Ano i Ho'onooho 'ia ai

| A                                 | B                               | C = B / A             |
|-----------------------------------|---------------------------------|-----------------------|
| Ho'onooho Alakahi                 | Huina Nui e Lawa ai (Ka'a/Mile) | Nui e Lawa ai/Alakahi |
| 2-Alakahi Hui pū 'ia              | 11,700                          | 5,850                 |
| 2-Alakahi Hui pū 'ia a 3-Alakahi  | 15,300                          | 5,100                 |
| 4-Alakahi Hui pū 'ia              | 23,700                          | 5,925                 |
| 4- Alakahi Hui pū 'ia a 5-Alakahi | 31,600                          | 6,320                 |

Kumu:

Huina Nui e Lawa ai - "Quality/Level of Service Handbook, 2009", Ko

Florida

Ke'ena Lawelawe 'Ōhua.

Ma Pāku'ina A e loa'a ai ka mo'owaiwai me nā helu ka'a o ke alahele i hana 'ia e ke Kalana. Loa'a nā ka'a-mile me ka nui e lawa ai (VMC) ma ka ho'onui 'ia 'ana o nā mile alakahi e ko lākou nui e lawa ai mai Pākaukau 5.6. Helu koho 'ia ke kauoha e kū nei pili ma nā mea a pau (VMT 'ike 'ia) e ka ho'onui 'ia 'ana o ka Helu Kūwaena Ne'ena Ka'a o ka Lā (AADT) e ka lō'ihi o ke alahele. Ke pu'unaue 'ia ka VMC e ka VMT, he hō'ike ia no ka huina nui e lawa ai ko ke Kalana mau alaloa a alahele ho'ohui, he 300% nō ia o nā 'ano a pau loa e ho'ohana 'ia ai ia mau alahele. Eia na'e, 'a'ole kaulike 'ia ka ne'ena 'ana i nā alahele a pau, 'o ka piha'ū keu ma luna o ka nui e lawa ai ka hopena, a i 'ole paha, ua piha pono ka nui e lawa ai kekahi mau alahele. Eia ho'i, 'a'ole paha kūpono a akamai paha ke 'ano e kū nei, 'o ka piha'ū keu o ka nui e lawa ai, 'oiai ke kaiāulu e ulu a nui a'e nei. No laila, e ana pono 'ia ana ka helu pili ma waena o ka VMC/VMT, he 1.00, no ke kūlana o ka lawelawe e kū nei.

### Pākaukau 5.7 Ka Nui e Lawa ai Pili ma nā Mea a Pau/Ratio Kauoha

| Alahele Kalana |  |         |
|----------------|--|---------|
| A              | Huina Ka'a-Mile me ka nui e lawa ai (VMC)                        | 875,160 |
| B              | Huina Koho Ka'a-Mile o ka hele 'ana (VMT)                        | 292,197 |
| C = A / B      | Ratio VMC/VMT e kū nei   | 3.00    |
| D              | Ratio VMC/VMT kuhi 'ia no ka ho'onooho helu 'ana i ka uku hopena | 1.00    |

Kumu:

Mile Ka'a me ka nui e lawa ai - Pāku'ina C Mo'owaiwai Alahele

Ka'a-mile o ka hele 'ana - Pākaukau 5.1

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Kumu Kū'ai o ka Āpana Lawelawe

'O ke kumu kū'ai no ka ho'opāku'i 'ana i ka nui keu e lawa ai i nā alahele o ko Kaua'i kalana, ua helu koho 'ia e nā kumu kū'ai o nā papahana alahele i hana 'ia 'ānō iho nei. Ua hā'awi mai ke Kalana i ka 'ikepili kumu kū'ai no 'elua papahana alahele, he hō'ailona lāua 'elua no nā papahana alahele ma Kaua'i. Na Pākaukau 5.8 e hō'ulu'ulu pōkole ka ho'onui 'ana i ka nui e lawa ai ma nā papahana 'elua, me nā kumu kū'ai no ka wae 'ana i kona 'ano, alahele, a hana 'auwai. Ho'oku'u 'ia nā kumu kū'ai no ka 'auwai lawe mea 'ino, wai, mikaō, me ka hanawai, 'oiai he mau lawelawe lākou pili i ke kūkulu alahele, 'a'ole na'e ko'iko'i loa no ka papahana alahele ho'onui hiki.

### Pākaukau 5.8 Nā Ho'oponopono Alahele i Hana 'Ia 'Ānō Iho Nei

| Papahana   | A           | B                 | C       | D = (C - B) * A  | E                         | F       | G = (F - E) * A | H                  |
|--|-------------|-------------------|---------|------------------|---------------------------|---------|-----------------|--------------------|
|  | Mile        | Helu o nā Alakahi |         | Alakahi-Mile Hou | Nui e Lawa ai (Ka'a/Mile) |         | VMC Pāku'i 'ia  | Kumu Kū'ai         |
|  |             | Ma mua            | Ma hope |                  | Ma mua                    | Ma hope |                 |                    |
| Kūkulu Hale ma Kukui'ula - Wā 2 (Alahele Ho'ohui Nui)                | 0.28        | 0                 | 2       | 0.57             | 0                         | 11,700  | 3,324           | \$2,417,073        |
| Kūkulu Hale ma Kukui'ula - Kuleana 'Āina 32 (Alahele Ho'ohui 'U'uku) | 0.21        | 0                 | 2       | 0.42             | 0                         | 11,700  | 2,438           | \$3,322,651        |
| <b>Huina</b>   | <b>0.49</b> |                   |         | <b>0.98</b>      |                           |         | <b>5,761</b>    | <b>\$5,739,724</b> |

Kumu:

Papahana, Mile, Helu o nā Alakahi me ke Kumu Kū'ai - Hā'awi 'ia e ke Kalana o Kaua'i  
Nui e Lawa ai - Pākaukau 5.6

Na Pākaukau 5.9 e ho'onoho helu i ke kumu kū'ai kūwaena o ke Alakahi-Mile o ke alahele keu, ma kahi o \$5,830,000/alakahi-mile me ke kumu kū'ai kūwaena o ka VMC, ma kahi o \$1,000/VMC.

### Pākaukau 5.9 Ke Kumu Kū'ai Alahele o ka Āpana Lawelawe

| Huina Kumu Kū'ai Alahele |  |             |
|--------------------------|--|-------------|
| A                        | Kumu Kū'ai Ho'oponopono Alahele 'ānō iho nei | \$5,739,724 |
| B                        | Alakahi-Mile i pāku'i 'ia                    | 0.98        |
| C = A / B                | Kumu Kū'ai Kūwaena o ke Alakahi-Mile         | \$5,828,027 |
| D                        | Kumu Kū'ai Ho'oponopono Alahele 'ānō iho nei | \$5,739,724 |
| E                        | VMC i pāku'i 'ia                             | 5,761       |
| F = D / E                | Kumu Kū'ai Kūwaena o ka VMC                  | \$996       |

Kumu:

Nā Kumu Kū'ai Ho'oponopono Alahele 'Ānō Iho Nei, Alakahi-Mile i pāku'i 'ia me ka VMC i pāku'i 'ia - Pākaukau 5.8

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Kumu Kū'ai Koena o ka 'Āpana Lawelawe

I ka ho'onoho helu uku hopena 'ana, e ho'opili 'ia ke kumu hō'ai'ē i 'ole e ho'ouku pālua aku ai i ke po'e kūkulu hale. No nā mea penei o lalo nā kumu hō'ai'ē i ho'onoho helu 'ia no ka uku hopena lawelawe 'ōhua:

- Nā 'auhau wahie a ka'a
- Ke kālā ho'oponopono alahele i ho'olālā 'ia, loa'a mai nā kumu kālā o waho o ke Kalana
- Ka 'ai'ē e waiho nei pili i nā alahele
- Ka lawelawe ai'ē pona Laulā
- Ka waiwai e kū nei o nā 'auhau kuleana 'āina o nā makahiki 5 nei i hala

Ho'okomo 'ia ko Kaua'i mau 'auhau wahie a ka'a ho'i i loko o ke kumu kālā alahele, a ho'ohana wale 'ia nō no ka hana a mālama 'ana i nā kūkulu ho'olako e kū nei me nā kumu kū'ai i luna o ke po'o. 'Oiai 'a'ole e ho'ohana 'ia nā kālā loa'a mai ka 'auhau wahie a ka'a no ka papahana ho'oponopono ho'onui hiki, 'a'ohe kumu hō'ai'ē e pili ana i ia mau 'auhau.

Ho'omahele ko ka Moku'āina holo 'oko'a papahana ho'oponopono lawelawe 'ōhua (STIP - Ho'oponopono #11) i nā kumu kālā no nā papahana ho'onui hiki e hiki mai nei, mai ko Hawai'i Moku'āina me ke Aupuni Pekelala. Na Pākaukau 5.10 e hō'ulu'ulu pōkole i ka ho'olako kālā Moku'āina a Pekelālā ho'i i nā papahana ho'onui hiki o loko o ma STIP.

### Pākaukau 5.10 Ka Ho'olako Kālā i Ho'olālā 'ia no ka Ho'oponopono Alahele, M'A 2013-M'A 2016 (4 makahiki)

| Papahana                                       | Palena o ka Hapa                                     | Ho'oponopono 'ana | Ho'olako Kālā Moku'āina | Ho'olako Kālā Pekelala |
|--|--|-------------------|-------------------------|------------------------|
| Alahele 'o Kamalu (Route 581) Kūkulu 'Uapo Hou | Alahele 'o 'Ōpaeka'a he 3,305 kapua'i i ka Hikina    | Ho'olālani hou    | \$80,000                | \$320,000              |
| Alahele 'o Maluhia (Ala 520) Ho'oponopono 'ana | Alahele 'o Ala Kinoiki a hiki i Alaloa 'o Kaumuali'i | Hō'ākea           | \$240,000               | \$960,000              |
| <b>Huina, Alahele Kalana</b>                   |  |                   | <b>\$320,000</b>        | <b>\$1,280,000</b>     |

Kumu: Mai ko ka Moku'āina holo 'oko'a papahana ho'oponopono lawelawe 'ōhua kēia mau 'ike a pau

Hō'ike ka'awale 'ia ka ho'olako kālā Moku'āina a Pekelala ho'i mai Pākaukau 5.10 ma nā 'ano ho'olako kālā o ka makahiki, me ka ho'omaopopo 'ana no ko ka STIP ho'olālā 'ana no loa'a 'ana o ka ho'olako kālā no 'ehā makahiki ma Pākaukau 5.11. Pu'unaue 'ia ka ho'olako kālā Moku'āina a Pekelala ho'i e ka VMT o ka lā i ho'oholo ai i ka nui o ke kālā makahiki o ka VMT e lawa ai. Ma muli o ka AAA pona kuala 'ole e kū nei, 20 makahiki (ola ma'a mau o ka ho'oponopono alahele) ma ka 3.05%, ua ho'opili 'ia ka helu anawaiwai e kū nei, he 14.81, i ka nui o ke kālā makahiki o ka VMT e lawa ai, i loa'a ai ka waiwai e kū nei o ke kālā kakahe o kēia

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

mua iho no ka ho'olako kālā ma nā makahiki 20 e hiki mai ana. 'O ka hopena, he kumu hō'ai'ē o \$20/VMT, e lawa ai no ka ho'olako kālā Moku'āina a Pekelala ho'i no nā Alahele Kalana.

### **Pākaukau 5.11 Ke Kumu Hō'ai'ē o ka Ho'olako Kālā Moku'āina a Pekelala o ka 'Āpana Lawelawe**

|           |   | Alahele Kalana |
|-----------|---|----------------|
| A         | Ho'olako Kālā Piha'ū Pekelala no ka Ho'oponopono, M'A 2013-2016 | \$1,280,000    |
| B         | Ho'olako Kālā Piha'ū Moku'āina, M'A 2013-2016                   | \$320,000      |
| C = A + B | Huina Ho'olako Kālā Moku'āina a Pekelala                        | \$1,600,000    |
| D         | Huina Makahiki ma ka Papahana Ho'olālā Lawelawe 'Ōhua           | 4              |
| E = C / D | Ho'olako Kālā Makahiki  | \$400,000      |
| F         | VMT o ka lā ma ka Pūnaewe Alaloa Nui                            | 292,197        |
| G = E / F | Ho'olako Kālā Piha'ū Makahiki o ka VMT                          | \$1.37         |
| H         | Helu Anawaiwai e kū nei (20 makahiki ma 3.05%)                  | 14.81          |
| I = G * H | Kumu Hō'ai'ē o ka Ho'olako Kālā Moku'āina a Pekelala o ka VMT   | \$20           |

Kumu:

Ho'olako Kālā Piha'ū Pekelala no ka Ho'oponopono - Pākaukau 5.10

4 makahiki ka huina ma ka STIP

VMT o ka lā ma nā Alaloa Nui - Pākaukau 5.1

Helu Anawaiwai e kū nei - 20 makahiki ma 3.05% (AAA pona kuala 'ole; Ianuali 30, 2013)

Ua ho'onoho helu 'ia ka loina no ka 'ai'ē lawelawe 'ōhua e waiho mau ana ma Pāku'ina D, he \$2,428,136. 'A'ole nō i loa'a ka 'ikepili nāna e hō'ike ana ka pākēneka o ka 'ai'ē pili i ka lawelawe 'ōhua, ho'oloa'a paha i ka nui e lawa ai; ua ho'ohana 'ia 100% ma ke 'ano make'e. 'O ka loina no ka 'ai'ē lawelawe 'ōhua e waiho mau ana, ho'oloa'a paha, ua ho'ohālike 'ia nō me ka VMT o ka lā mai Pākaukau 5.1 i ho'oholo ai i ke kumu hō'ai'ē no ka 'ai'ē o ka VMT, ma kahi o \$8.

### **Pākaukau 5.12 Ke Kumu Hō'ai'ē o ka 'Ai'ē Alahele**

|           |   | Alahele Kalana |
|-----------|---|----------------|
| A         | Huina Loina no ka 'ai'ē pili alahele e waiho mau ana          | \$2,428,136    |
| B         | Pākēneke ho'oloa'a paha o ka nui e lawa ai                    | 100%           |
| C = A * B | Loina no ka 'ai'ē pili alahele e waiho mau ana ho'oloa'a paha | \$2,428,136    |
| D         | VMT o ka lā ma ka Pūnaewe Alaloa Nui                          | 292,197        |
| E = C / D | Kumu hō'ai'ē no ka 'ai'ē o ka VMT                             | \$8            |

Kumu:

Huina Loina no ka 'ai'ē alahele e waiho mau ana - Pāku'ina D

VMT o ka lā - Pākaukau 5.1

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

Ua ho'onui 'ia ka lawelawe 'ai'ē pona GO makahiki mai ka Pāku'ina D e 2% (ke pākēnaka pili i ka lawelawe 'ōhua o ko ke Kalana huina 'ai'ē e waiho mau ana) i ho'oholo ai i ka lawelawe 'ai'ē makahiki e ho'oloa'a paha i ka lawelawe 'ōhua. Ua helu koho 'ia ka lawelawe 'ai'ē makahiki ma nā makahiki nei i hala he 'elima, ho'onui 'ia nō e 'elima makahiki, e like me ka mea e hō'ike 'ia nei ma Pākaukau 5.13.

### Pākaukau 5.13 Ka Ho'olilo Kālā o ke Kumu Kālā Alahele Laulā me Kona Nui e Lawa ai i ke Au i Hala

|           |   |             |
|-----------|---|-------------|
| A         | Ka lawelawe 'ai'ē pona GO makahiki                            | \$8,327,781 |
| B         | Ho'omahele Alahele o ka Huina 'Ai'ē e waiho mau ana           | 2%          |
| C = A * B | Ka Lawelawe 'Ai'ē Alahele Makahiki                            | \$166,556   |
| D         | Makahiki  | 5           |
| E = C * D | Ho'olako Kālā Piha'ū o ko ke Kumu Kālā Laulā Huina, 2008-2012 | \$832,778   |

Kumu:

Ka lawelawe 'ai'ē pona GO makahiki me ka % o ka Ho'omahele Alahele - Palapala Hō'ike Nui 'Oihana Kālā Makahiki , M'A 2012

Hō'ike ko ke Ke'ena 'Auhau Waiwai Maoli 'ikepili me ka Palapala Hō'ike Nui 'Oihana Kālā Makahiki no ke Kalana o Kaua'i (2012) mai nā 'auhau waiwai o nā kuleana 'āina hakahaka mai ma kahi o 11.1% o ke kumu kālā laulā. 'O ka hapa o ka ho'olako kālā o ke kumu kālā laulā mai nā kuleana 'āina hakahaka, ua ho'onoho helu a pu'unaue 'ia e ke kumu kū'ai pani hakahaka o ka pūnaewelete alahele e kū nei, i loa'a ai ka pākēnaka o ke kumu kū'ai o ka pūnaewelete alahele e kū nei e ho'oloa'a paha i nā 'auhau waiwai ma nā kuleana 'āina ma waena o 2006 me 2010. 'O ka pākēnaka o ke kumu kū'ai o ka pūnaewelete alahele e kū nei i uku 'ia e nā 'auhau waiwai, ua ho'onui 'ia e ke kumu kū'ai alahele o ka VMT i loa'a ai kekahi kumu hō'ai'ē 'auhau waiwai kū i ke au i hala, he \$0.11 a i 'ole \$0 paha o ka VMT, e like me ka mea e hō'ike 'ia ma Pākaukau 5.14.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 5.14 Ke Kumu Hō'ai'ē 'Auhau Waiwai Alahele

| Alahele Kalana   |  |               |
|------------------|--|---------------|
| <b>A</b>         | Pākēneka o ke kumu kālā laulā mai nā 'auhau waiwai, M'A 2011-2012                  | 78.5%         |
| <b>B</b>         | Pākēneka o nā 'auhau waiwai mai nā kuleana 'āina hakahaka, 2012                    | 14.1%         |
| <b>C = A * B</b> | Pākēneka o ke kumu kālā laulā mai ka 'āina hakahaka                                | 11.1%         |
| <b>D</b>         | Huina ho'olako kālā piha'ū o ke kumu kālā laulā, 2006-2010                         | \$832,778     |
| <b>E = C * D</b> | Ho'omahale 'āina hakahaka/mahi'ai o ke kumu kū'ai o ke au i hala                   | \$92,176      |
| <b>F</b>         | Kumu kū'ai pani hakahaka no ka pūnaewelete alahele e kū nei                        | \$871,872,906 |
| <b>G = E / F</b> | Pākēneka o ke kumu kū'ai e kū nei i uku 'ia e ka 'āina hakahaka/mahi'ai, 2006-2010 | 0.01%         |
| <b>H</b>         | Kumu kū'ai alahele o ka VMT  | \$996         |
| <b>I = G * H</b> | <b>Kumu Hō'ai'ē 'Auhau Waiwai Kū i ke Au i Hala o ka VMT</b>                       | <b>\$0</b>    |

Kumu:

Pākēneka o ke kumu kālā laulā mai nā 'auhau waiwai - Palapala Hō'ike Nui 'Oihana Kālā Makahiki no ke Kalana o Kaua'i, Hawai'i, Makahiki pau 2012.

Pākēneka o nā 'auhau waiwai mai nā kuleana 'āina hakahaka mai ke Ke'ena 'Auhau Waiwai Maoli.

Huina ho'olako kālā piha'ū o ke kumu kālā laulā - Pākaukau 5.13.

Kumu kū'ai pani hakahaka no ka pūnaewelete alahele e kū nei - Ho'onoho helu 'ia mai Pākaukau 5.7 me 5.9

Kumu kū'ai alahele o ka VMT - Pākaukau 5.9 (Kuhi 'ia kona like ā like me ke kumu kū'ai o ka VMC).

Ua lawe 'ia nā kumu hō'ai'ē i ho'onoho helu 'ia ma Pākaukau 5.11, 5.12 me 5.14 mai ke kumu kū'ai o ka VMT e like me ka mea e hō'ike 'ia ma Pākaukau 5.15. 'O ke kumu kū'ai huina ka hopena, he \$968 o ka VMT, he hō'ailona ia no ko ka uku hopena lawelawé 'ōhua palena nui o ka VMT i hiki ke kau 'ia ma luna o ka po'e kūkulu hale e ke Kalana o Kaua'i.

### Pākaukau 5.15 Ke Kumu Kū'ai Alahele Huina o ka 'Āpana Lawelawé

| County Roads             |  |              |
|--------------------------|--|--------------|
| <b>A</b>                 | Kumu kū'ai o ke Ka'a-Mile o ka hele 'ana (VMT)               | \$996        |
| <b>B</b>                 | Kumu hō'ai'ē o ka ho'olako kālā pekelala/ moku'āina o ka VMT | (\$20)       |
| <b>C</b>                 | Kumu hō'ai'ē o ka lawelawé 'ai'ē o ka VMT                    | (\$8)        |
| <b>D</b>                 | Kumu hō'ai'ē 'auhau waiwai                                   | (\$0)        |
| <b>E = A - B - C - D</b> | <b>Kumu Kū'ai Huina o ka VMT</b>                             | <b>\$968</b> |

Kumu:

Kumu kū'ai o ka VMT - Pākaukau 5.9 (Kuhi 'ia kona like ā like me ke kumu kū'ai o ka VMC)

Ho'olako kālā Pekelala/Moku'āina o ka VMT - Pākaukau 5.11

Kumu hō'ai'ē o ka lawelawé 'ai'ē o ka VMT - Pākaukau 5.12

Kumu hō'ai'ē 'auhau waiwai - Pākaukau 5.14

Ma muli o nā ho'onoho helu 'ana ma kēia mokuna, hō'ulu'ulu pōkole 'ia ko nā uku hopena lawelawé 'ōhua palena nui ma Pākaukau 5.16.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 5.16 Ka Papa Manawa o ko ka Uku Hopena Lawelawe 'Ōhua Palena Nui

| Helu ITE<br>Ho'ohana 'Āina | 'Ano Ho'ohana 'Āina               | 'Āpana<br>Noho | A              | B                          | C = A * B                       |
|----------------------------|-----------------------------------|----------------|----------------|----------------------------|---------------------------------|
|                            |                                   |                | Alahele Kalana |                            |                                 |
|                            |                                   |                | VMT<br>o ka lā | Kumu<br>kū'ai<br>huina/VMT | Kumu<br>kū'ai<br>huina<br>/Unit |
| 210                        | 'Ohana-Ho'okahi (Ho'oku'u<br>'ia) | Hale Noho      | 7.07           | \$968                      | \$6,838                         |
| 220                        | 'Ohana-Lau/Hou Aku                | Hale Noho      | 4.94           | \$968                      | \$4,777                         |
| 310 & 320                  | Hōtele/Mōtele                     | Lumi Noho      | 8.58           | \$968                      | \$8,304                         |
| 710 & 820                  | 'Oihana                           | 1,000 KH       | 7.88           | \$968                      | \$5,806                         |
| 110, 130 & 150             | 'Oihana Kāpili                    | 1,000 KH       | 6.00           | \$968                      | \$7,623                         |

Kumu:

VMT o ka Lā - Pākaukau 5.5

Kumu Kū'ai Huina o ka VMT - Pākaukau 5.15

### Papahana Ho'oponopono Ko'iko'i

Ua hiki ke ho'ohana 'ia nā uku hopena lawelawe 'ōhua no nā papahana ho'onui hiki ma ka pūnaewe le alahele nui wale nō (Alaloa a Alahele Ho'ohui) me nā papahana ho'opili 'ano like 'ole 'ē a'e me kekahi mau palena. E pono ke ho'okō 'ia nā mea o lalo e ka papahana 'ano like 'ole i mea e 'ike 'ia 'o ia, he mea kūpono e kohu ai ka loa'a 'ana o ka uku hopena.

- Aia nā hi'ona 'ano like 'ole ('o ia ho'i, nā ala paikikala, pīpā alanui, holo paikikala/hele wāwae 'ana i kekahi 'ao'ao o ke alanui, ala hele mauna, a pēlā wale aku) ma nā alaloa me nā alahele ho'ohui; a i 'ole
- E pono nā hi'ona 'ano like 'ole ke ho'opilipili aku e like me ka mea e ho'olako 'ia e ke alaloa a alahele ho'ohui paha (e la'a, 'a'ole hiki ke loa'a ka uku hopena i ka pīpā alanui ma kahi kaiahale nohona kupa, a i nā ala hele wāwae ma loko o ke kikowaena hale kū'ai paha.)

Inā aia kekahi mau hapa o ka papahana, hiki ke loa'a ka uku hopena iā ia, e ho'ohana 'ia nā uku hopena ma ia mau hapa wale nō.

Na Pākaukau 5.17 e helu papa nā papahana mai ka polokalamu ho'oponopono ko'iko'i 'eono makahiki o ko Kauai Kalana (M'A 2013/14 a i 2018/19), me nā alahele ho'onui hiki a mahele 'ano like 'ole paha. Helu pū 'ia e Pākaukau 5.17 nā papahana "O ia Paha" 'oiai ho'i, ke no'ono'o nui 'ia nei nā alahele i ho'opau 'ia, 'a'ole na'e lākou i ho'okomo 'ia i kekahi papahana. 'Oiai 'a'ole na'e i ho'oka'awale 'ia nā kumu kū'ai me ka li'il'i me nā palena o ka hana, he mu'o wale nō 'o Pākaukau 5.17, a e pono ana 'o ia ke hō'opia 'ia e nā 'ike keu i ko lākou wā e loa'a ai.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 5.17 Ka Polokalamu Ho'oponopono Lawelawe 'Ōhua Ko'iko'i

| Papahana   | Huina Koho Kum<br>Kū'ai no ke Kūkulu<br>'Ana | Hiki Anei ke<br>Loa'a ka Uku<br>Hopena |
|--|--|--|
| Ho'oponopono i ko Lihu'e Kikowaena Kiwila*   | \$20,150,000                                 | 'Ae                                    |
| Pā 'Oihana Lima Ola Workforce Kūkulu Hale-Kūkululoko o waho o ke kahua ho'olālā 'ia* | \$3,766,000                                  | 'Ae                                    |
| Ho'opālahalaha 'Ili Alanui 'o Puhi   | \$1,217,000                                  | 'O ia Paha                             |
| Ho'oponopono Ho'omalu Alahele 'o Kawaihau*   | \$5,000,000                                  | 'Ae                                    |
| Ho'oponopono Ho'omalu Alahele 'o Pu'u  | \$400,000                                    | 'O ia Paha                             |
| Ho'oponopono Alahele 'o Kanaele  | \$2,500,000                                  | 'O ia Paha                             |
| Uapo o 'Ōpaeka'a   | \$6,000,000                                  | 'O ia Paha                             |
| Uapo o Pu'u'opae   | \$5,000,000                                  | Ma'O ia Paha ybe                       |
| Ho'opālahalaha 'Ili Alanui 'o Hanapēpē*  | \$2,500,000                                  | 'Ae                                    |
| Pale Alahele o Kōloa   | \$1,070,000                                  | 'O ia Paha                             |
| Uapo o Kapahi  | \$5,600,000                                  | 'O ia Paha                             |
| Alahele Mā'alo o Lihu'e-Hanamā'ulu Mauka   | \$40,000,000                                 | 'Ae                                    |
| Kūkulu hou i ka uapo o 'Anini  | \$1,500,000                                  | 'O ia Paha                             |
| Alahele mā'alo o ka Wāwae Ākau Komohana  | \$19,550,000                                 | 'Ae                                    |
| Ho'oponopono kahi e kū ai ke ka'a lawelawe 'ōhua*                                    | \$1,200,000                                  | 'Ae                                    |
| Alahele 'o Pouli *   | \$6,000,000                                  | 'Ae                                    |
| Alahele Mā'alo Taona 'o Kilauea*   | \$6,000,000                                  | 'Ae                                    |
| <b>Huina</b>   | <b>\$131,953,000</b>                         | <b>\$104,166,000**</b>                 |

Kumu: Polokalamu Ho'oponopono Ko'iko'i 'Eono Makahiki o ko Kauai Kalana (CIP), M'A 2013/14 - 2018/19

\*Ua hō'ike mai ke Kalana, 'a'ole na'e i helu pū 'ia kēia mau papahana e ka CIP, e ho'okomo 'ia ana nō na'e i ke au e hiki mai ana.

\*\*A'ole helu pū ka Huina i nā papahana i helu 'ia me ka "O ia Paha"

### Panina

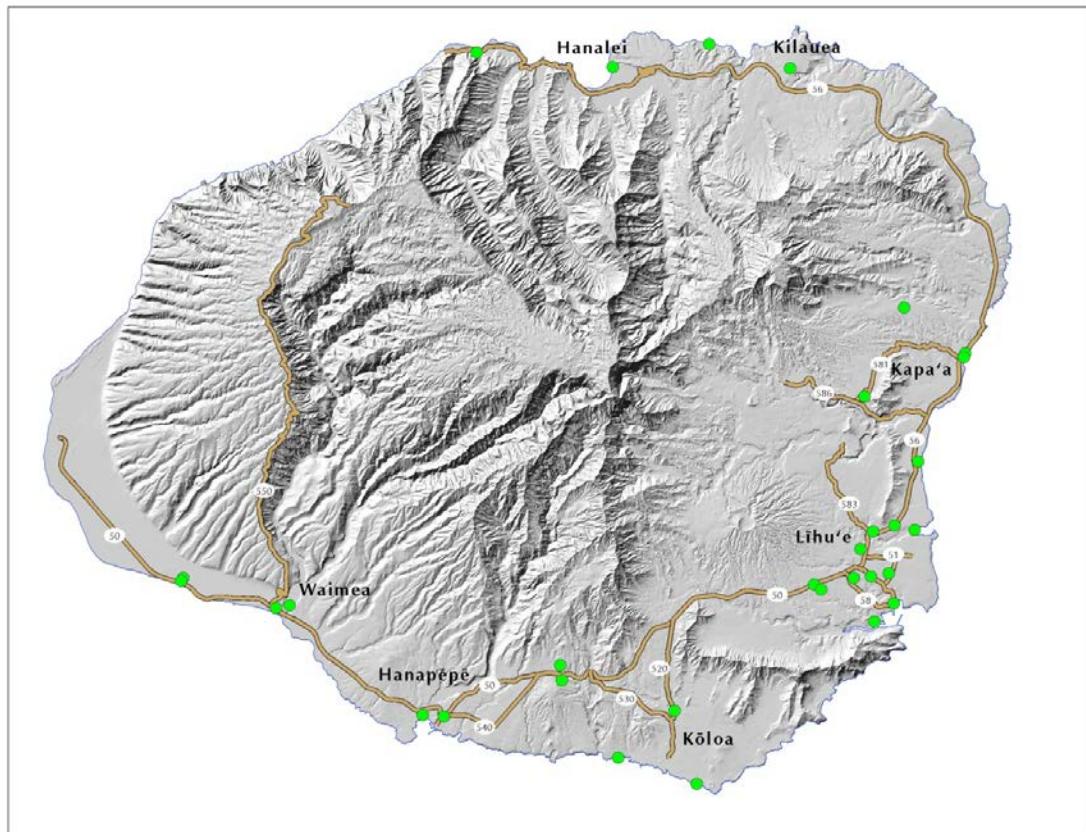
Inā nō a e hānai 'ia ka Uku Hopena Lawelawe 'Ōhua, e pono ke hānai 'ia ka helu i pili loa a 'ane'ane pili aku paha i ka palena nui. He pipi'i ke kūkulu alahele 'ana, a e pono ia ke lawa nō a lawa nā uku e lawa ai no nā kumu kū'ai papahana. Eia ho'i, e pono ke lawa nā kuku kālā no ka ho'ihō'i 'ana i ka waiwai i ka hana alahele i hana 'ia ma nā alaloa a alahele ho'ohui ho'i o waho o ke kahua ho'olālā 'ia. E loa'a ana ka hiki ke ho'ihō'i i ka waiwai no ka hana e ho'olawa keu ma luna o nā hopena loa'a koke o ke kūkulu hale hou (e la'a nā alakahi ho'oholo 'āwīwī a mālie ho'i).

## 6.0 PĀKA & HANA HO'ONANEA

Ho'onoho 'ia nā kūkulu ho'olako ho'onanea ma 'elua 'ano, no kona 'ano waiwai ho'olako a no kona 'ano kūkulu ho'olako paha. He mau pāka Kalana a Moku'āina ho'i ko ke Kalana o Kaua'i, ho'okahi ona wahi pu'uhona holoholona 'āhiu. 'O ka mea ma'a mau, he waiwai ho'olako ke 'ano o nā pu'uhonua/pāka Pekelala a Moku'āina ho'i (31 'eka Pekelala, 14,000 'eka Moku'āina), 'oiai he mau pāka pili kapakai ko ke Kalana, he 'ano waiwai ho'olako, ma kahi o 300 'eka ko lākou laulā, a i 'ole ma kahi o 39% o ko ke Kalana mau 'eka pāka a pau.

'O ko ke Kalana mau pāka 'ē a'e, 'ane'ane 500 'eka ko lākou huina nui, he 'ano kūkulu ho'olako e loa'a ai nā kahua pā'ani, hale pā'ani ha'uki/ho'oikaika kino, nā mea pā'ani, a ia mau 'ano aku. Like 'ole ka nui o ia mau pāka, kū nā pāka 'u'uku i ke kaiāulu, a kū nā pāka nui i kahi nui hou aku, no ka 'āpana paha, a 'o nā pāka nui loa, no ko ka mokupuni holo 'oko'a po'e kama'āina a malihini nō ho'i lākou. No nā pāka Kalana wale nō e ho'onoho helu 'ia ai ka uku hopena.

Hō'ike 'ia kahi o nā pāka Kalana i lalo (Ki'i 6.1) ma ke 'ano he kiko 'ōma'oma'o, a loa'a iā Pāku'ina E ka mo'owaiwai pāka Kalana me ko lākou po'e kūkulu ho'olako.



Ki'i 6.1 Nā Pāka Kalana

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

I kēia wā, loa'a he uku ho'olilo pāka (Mokuna 9.2-8 Kānāwai o ko Kaua'i Kalana 1987), ma muli ona e hiki ai ke ho'olilo 'āina a uku paha ma kahi o ka ho'olilo 'āina e ho'ohana 'ia no ke komo 'āina pāka. 'A'ole hiki ke ho'ohana 'ia ia uku no nā ho'oponopono kūkulu ho'olako. 'Ohi 'ia nā uku ma ka 'āpana (Waimea, Kōloa, Līhu'e, Kawaihau, me Hanalei), a e pono nō ke ho'ohana 'ia no ke komo 'āina ma loko o ka 'āpana.

Aia ke ki'ina hana no ka uku hopena i noi 'ia ma ke kūlana o ka lawelawe e kū nei (ana 'ia e ka waiwai pani hakahaka o nā kūkulu ho'olako e kū nei) ma ke kūkulu hale nohona kupa e kū nei. E ana 'ia ke kūkulu hale nohona kupa e kū nei ma ka 'āpana lawelawe a helu 'ia nā kama'āina me nā malinihi pū kekahi. 'Elua nā 'ano i ho'ono ho'ono helu 'ia ai ka uku hopena Pāka - 'o ka mua, me ka 'āina a kūkulu ho'olako ho'i nāna e pani hakahaka i ke kānāwai ho'olilo pāka e kū nei. 'O ka lua ho'i, e waiho mau ka uku ho'olilo pāka no ke komo 'āina, a ho'ono ho'ono helu 'ia ka uku hopena no nā ho'oponopono kūkulu ho'olako wale nō.

Mai ka 'ikena pili i ka 'ohi'ohi uku 'ana, he mea nui ka 'ike 'ana i ka 'oko'a o kekahi ki'ina hana mai kekahi ki'ina hana. I ka wā o ka ho'omahele kaiahale wale nō e ho'ono ho'ono helu 'ia ai ka uku ho'olilo pāka. 'A'ole i ho'oholo 'ia ka wā e 'ohi 'ia ai ka uku hopena, aia ana na'e ia i ka wā o ka ho'omahele kaiahale a i 'ole o ka palapala 'ae kūkulu.

### Ka Loiloi 'ia me nā 'Āpana Makepono

Ma Kaua'i a puni, nui ka loli 'ana o nā uku kūkulu hale me nā uku komo 'āina, 'a'ole na'e lawa ka 'oko'a o ke kumu kū'ai i 'ike 'ia e loa'a ai he mau 'āpana loiloi 'oko'a a like 'ole. E noi 'ia kekahi 'āpana loiloi no ka mokupuni holo 'oko'a.

No nā 'āpana makepono, 'o ke kumu nui no ka ho'oholo 'ana no ka 'āpana, 'o ia ka hō'opia 'ana i ka makepono o nā kūkulu hale i ka ho'oponopono 'ia, mai ia mau kūkulu hale mai nō i 'ohi 'ia ai nā uku hopena. I kēia wā, hana 'ia ka uku ho'olilo pāka me ke ka'awale o nā wahi makepono, i ia mau wahi nō e makemake 'ia ai nā kumu kālā e ho'olilo 'ia. E hiki nō paha ke ho'omau 'ia me kēia, keu ho'i ka hiki inā mālama 'ia ka uku ho'olilo pāka. Eia na'e, makepono kekahi po'e ma mua o kekahi po'e, ma muli o ke 'ano o ka pāka - pāka kaiāulu, pāka 'āpana, pāka wahi laulā, pāka mokupuni - ma muli o ko Kaua'i 'u'uku, e aho nō paha ia e loa'a kekahi 'āpana makepono no ka mokupuni holo 'oko'a. Hele pinepine ka po'e i nā pāka a puri ka mokupuni no nā ho'okūkū a no ke kipa 'ana ho'i i nā pāka kahakai.

Inā koho 'ia nō nā 'āpana makepono, e konokono 'ia ke Kalana e 'ae aku, e ho'ohana 'ia ka uku, a hiki paha i ka 20% ona, no nā papahana o waho o ia 'āpana pāka, i la'ana, no kekahi kahua pā'ani ha'uki nui loa i hāmama 'ia i ko ka mokupuni po'e kama'āina a pau loa.

### Nā 'Āpana Lawelawe

Ho'opili nā 'āpana lawelawe i ka loa'a o ka 'āina pāka me/a i 'ole nā kūkulu ho'olako me ke kauoha o kēia mua aku no kēia mau 'āina me/a i 'ole nā kūkulu ho'olako e loa'a ma muli o ke kūkulu hale o kēia mua aku. Ma ka hana 'ana i ho'okahi wale nō 'ano e ana 'ia ai ka po'e nona nā pāka me nā kūkulu ho'olako ho'onanea e kūkulu 'ia, pēlā nō e ho'ono ho'ono helu 'ia ai nā 'āpana lawelawe.

## KALANA O KAUAI

### Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

'O ka mea ma'a mau, ho'onoho helu 'ia nā uku hopena pāka no nā kūkulu hale nohona kupa. I Hawai'i nei, me ka nui 'ino o ka po'e malihini, he mea kūpono i ka no'ono'o ke helu pū 'ia nā malihini ma loko o ka hana 'o ka ho'onoho helu uku hopena 'ana. I nā kūlanakauhale nunui, ma kahi e hele mai ai nā limahana ke'ena ma kekahī kaona pa'apū i ka 'oihana, e kohu nō paha kahi uku hopena 'oihana kālepa/ke'ena paha; eia na'e, 'a'ole na'e kēia e helu pū 'ia ma ko ke Kalana o Kauai' mau ho'onoho helu uku 'ana, no ka mea, 'a'ole lawa ka nui o ka pa'apū a po'e limahana ke'ena paha e pono ai ka uku hopena Pāka no nā ho'ohana 'āina 'oihana kālepa.

E loa'a ka heluna kānaka koho o ka po'e kama'āina a malihini ma ka helu 'ana i nā 'āpana nohona kupa a noho hale ho'i, ko ka 'ohana nui, e ka nui e noho 'ia ai. Na Pāku'ina F e hā'awi nā 'ike pili 'āuna kanaka me nā helu i ho'onoho 'ia nāna e ho'opili i ka heluna hale noho i ka nui kūwaena o ka 'ohana ma ka laulā no nā 'āpana nohona 'ohana ho'okahi, 'āpana nohona 'ohana lau, me nā 'āpana hōtele/mōtele, a ho'ololi 'ia lākou i mau Hale Noho Kaulike (EDUs).

Na ke pākaukau o lalo (Pākaukau 6.1) e ho'opili aku ka nui o ka 'ohana i nā EDU. 'O ka EDU no nā hale noho 'ohana ho'okahi ke kumu ho'onoho (baseline); ho'onoho helu 'ia ko nā 'ohana lau me nā lumi hōtele/mōtele mai ua kumu ho'onoho nei aku. No ko nā 'ohana lau me nā lumi hōtele/mōtele, ho'onoho helu 'ia nā EDU a ha'i 'ia ma ko lākou pilina i ka hopena ma ka hale noho 'ohana ho'okahi.

#### Pākaukau 6.1 Nā Helu e Ho'onui 'ia ai nā Hale Noho Ho'olike me ko nā Pāka

| 'Ano Ho'ohana 'Āina       | Nui HH Kūwaena | EDU/'Āpana |
|---------------------------|----------------|------------|
| Hale Noho 'Ohana-Ho'okahi | 3.39           | 1          |
| 'Ohana-Lau                | 1.66           | 0.49       |
| Hōtele/Mōtele             | 1.58           | 0.46       |

Kumu: Nui Kūwaena o ka 'Ohana no nā 'āpana nohona 'ohana ho'okahi a 'ohana lau ho'i mai Pākaukau C.2

'O ka nui kūwaena e noho 'ia ai nā lumi hōtele/mōtele, helu koho 'ia, 'o ka hapalua o ka nui kūwaena e noho 'ia ai ke ka'a e ho'ohana 'ia e ka po'e malihini i loko o ka huaka'i, e like me ka mea i palapala 'ia e ko 'Amelike Ke'ena Lawelawe 'Ōhua, he ratio ka EDUs/'Āpana o ka nui kūwaena o ka 'ohana e ho'opili pū 'ia me ka nui kūwaena o ka hale noho 'ohana ho'okahi.

Ho'onoho helu 'ia ka huina o nā EDUs no Kauai', e ka ho'onui 'ia 'ana o nā 'āpana noho 'ohana ho'okahi, 'ohana lau ho'i, a hōtele/mōtele hoi, e ko lākou ratio EDU/'āpana. Ho'ohana 'ia aku nō na'e ka huina o nā EDUs, no ka ho'onoho helu 'ana i ke kūlana o ka lawelawe e kū nei (Pākaukau 6.2).

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 6.2 Nā Hale Noho Ho'olike e Kū Nei

| 'Ano Ho'ohana 'Āina                  | 'Āpana e Kū |             |               |
|--------------------------------------|-------------|-------------|---------------|
|                                      | Nei         | EDUs/'Āpana | Huina EDUs    |
| 'Ohana-Ho'okahi Ka'awale             | 24,648      | 1           | 24,648        |
| 'Ohana-Lau                           | 5,241       | 0.49        | 2,563         |
| Hōtele/Mōtele                        | 8,289       | 0.46        | 3,849         |
| <b>Huina Hale Noho Kaulike(EDUs)</b> |             |             | <b>31,060</b> |

Kumu:

Nā 'Āpana e Kū Nei mai Pākaukau F.1

Nā 'Āpana Hōtele/Mōtele mai Pākaukau F.6

EDUs/'Āpana mai Pākaukau F.4

### Kumu Kū'ai o ka 'Āpana Lawelawe

Aia ka uku hopena Pāka a Hana Ho'onanea i ke kūana o ka lawelawe e kū nei, e ha'i 'ia ma ke 'ano he ratio o ka waiwai pani hakahaka o nā kūkulu ho'olako e kū nei me ka 'āina, kū ma ka 'ao'ao o ke kūkulu hale nohona kupa e kū nei e ha'i 'ia ma ke 'ano he hale noho ho'olike.

Helu ka mo'owaiwai pāka o Pāku'ina E i nā pāka Kalana me nā kūkulu ho'olako ho'onanea e pili mai ana, 'ane'ane 800 'eka ko lākou nui huina nui, he 'āina pāka. 'A'ole helu pū 'ia ko ke Kalana Kahua Kolepa o Wailua, no ka mea, he 'ahahui nona he kumu kālā, hana 'ia ma kona 'ano he mea mālama i kona pono pono'i iho. 'A'ole helu pū 'ia ko Kaua'i Hālau Kaua a Kikowaena 'Aha Hālāwai, no ka mea hana 'ia lāua me ka 'ohi 'ana i ka uku ho'olimalima, no laila paha e lawa ai ke kālā no nā ho'oponopono ko'iko'i.

Ho'onoho helu 'ia nā waiwai pani hakahaka Pāka e ka loiolo 'ana i ka 'āina nohona kupa e hō 'ia no ke kū'ai 'ana, ma muli o nā kuleana 'āina he 299 e kali ana i ke kū'ai 'ia, e like me ka mea i ho'olaha 'ia ma o ka paena pūnaeewe o Hawai'i Information Services (ho'ohana 'ia nō e ko Kaua'i Papa Luna Kū'ai Hale) i ka lā 10 o Iulai, 2013. Ua no'ono'o nui 'ia kekahi mau ki'ina hou aku, a ua ho'oku'u 'ia nō, e la'a ka ho'oholo 'ana i ka waiwai ma muli o ke komo 'āina pāka o ke au i hala ('a'ole lawa nā komo 'āina o ke au 'ānō iho nei no ka ho'oholo 'ana i ka waiwai). 'Oiai nui ka loliloli 'ana o nā kumu kū'ai no ka 'āina a puni ka mokupuni, ma muli o kekahi mau mea, e la'a ke kokoke i kahakai me Līhu'e, me ka nui o nā kuleana 'āina i hiki ke kūkulu hale 'ia, ma ka ho'ohana 'ana kumu kū'ai o nā 'āina nohona kupa hakahaka e hiki ai ke helu koho i nā kumu kū'ai no ka pani hakahaka 'ana i nā pāka. Helu pū 'ia kekahi o nā pāka e kū nei ma ka 'āina o ka Moku'āina ma ka ho'oholo 'ana i ke kūlana o ka lawelawe, 'oiai ua loa'a ia mau 'āina ma muli o ke Kānāwai Ho'okō, a e waiho wale ana nō paha no ka wā lō'ihi. 'A'ole helu pū nā waiwai pani hakahaka 'āina pāka i nā kumu kū'ai no ke kūkulu hale 'ana, e la'a ka waele 'ana, ka ho'oholo kūlana, ka ho'onani 'āina, me ke kūkulu 'ana i ka mikaō. Na Pākaukau 6.3 e hō'ulu'ulu pōkole kēia mau waiwai a kau nō iā lākou ma nā 'eka pāka e kū nei e loa'a ai ka huina waiwai pani hakahaka, he \$155 miliona.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 6.3 Nā Kumu Kū'ai Pani Hakahaka 'Āina Pāka

| Nui o ka 'āina   | MLS, Inc. 'Tkepili |                | Nā 'Eka Pāka e kū nei | Waiwai 'Āina Pāka e kū nei |
|------------------|--------------------|----------------|-----------------------|----------------------------|
|                  | Kumu Kū'ai Huina   | 'Eka Huina     |                       |                            |
| Ma lalo o 1 'eka | 66,731,922         | 52.0           | \$1,283,461           | 9.2                        |
| 1-4.99 'eka      | 45,283,050         | 195.7          | \$231,364             | 107.5                      |
| 5-9.99 'eka      | 65,417,999         | 246.4          | \$265,495             | 208.6                      |
| 10-19.99 'eka    | 38,976,000         | 366.5          | \$106,361             | 139.6                      |
| 20-49.99 'eka    | 25,175,000         | 225.2          | \$111,809             | 182.9                      |
| 50 'eka a 'oi    | 150,799,000        | 749.7          | \$201,157             | 138.1                      |
| <b>Huina</b>     |                    | <b>1,835.5</b> |                       | <b>785.9</b>               |
|                  |                    |                |                       | <b>\$155,138,761</b>       |

Kumu: Nā kuleana 'āina nohona kupa e hō 'ia, e kali ana ho'i i ke kū'ai 'ia, i ka lā 10 Iulai 2013, Hawai'i Information Service

Nā 'Eka Pāka e Kū Nei mai Pāku'ina E

E loa'a paha kekahi mau hana ho'onanea me ke kāko'o o ke kaiāulu ma muli o kekahi mau kūkulu ho'olako pāka, e la'a ka wahi e hō'olu'olu, kula a kahua pā'ani, kikowaena kaiāulu, me nā ki'owai 'au'au. Ua mo'ohelu 'ia ia mau wahi ma Pāku'ina E a hō'ulu'ulu pōkole 'ia ma Pākaukau 6.4, pēlā pū me nā waiwai pani hakahaka kūkulu ho'olako.

### Pākaukau 6.4 Nā Kumu Kū'ai Kūmau o nā Kūkulu Ho'olako Pāka

| 'Ano Kūkulu Ho'olako   | 'Āpana | Kumu Kū'ai<br>'Āpana | Huina o ka<br>Waiwai |
|--|--------|----------------------|----------------------|
| Pawilionia   | 32     | \$150,000            | \$4,800,000          |
| Lako Kahua Le'ale'a  | 33     | \$50,000             | \$1,650,000          |
| Lua / Wahi Hō'olu'olu  | 51     | \$400,000            | \$20,400,000         |
| Kinipōpō Pōhili, Pōhili Kamali'i, Hui Lio Pone, & Kula Kinipōpō Pōhili | 40     | \$200,000            | \$8,000,000          |
| Kahua Kinipōpō Hīna'i  | 25     | \$100,000            | \$2,500,000          |
| Kahua Hōkē Alanui  | 1      | \$150,000            | \$150,000            |
| Kahua Kinipōpō Pa'ilima, Maluhale                                      | 1      | \$50,000             | \$50,000             |
| Kahua Kenika   | 12     | \$100,000            | \$1,200,000          |
| Kikowaena Kaiāulu  | 10     | \$8,000,000          | \$80,000,000         |
| Ki'owai 'Au'au   | 2      | \$10,000,000         | \$20,000,000         |
| <b>Huina Kumu Kū'ai Kūmau Kūkulu Ho'olako</b>                          |        |                      | <b>\$138,750,000</b> |

Kumu: 'Ano o ke Kūkulu Ho'olako me nā kumu kū'ai 'āpana mai ke Ke'ena Pāka & Hana Ho'onanea, 2013

Ho'okomo pū 'ia nā waiwai pani hakahaka no nā kahua pā'ani ha'uki me nā hale ha'uki/ho'oikaika kino i lalo ma Pākaukau 6.5.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 6.5 Ke Kumu Kū'ai Kūkulu Ho'olako Kūikawā

| ‘Ano Kūkulu Ho’olako    | Waiwai Pani<br>Hakahaka |
|-------------------------|-------------------------|
| Kahua Pā’ani o Vidinha  | \$40,000,000            |
| Kahua Pā’ani o Hanapēpē | \$20,000,000            |
| Hale Ha’uki o Kīlauea   | \$14,000,000            |
| Hale Ha’uki Kalāheo     | \$14,000,000            |
| <b>Huina</b>            | <b>\$88,000,000</b>     |

Kumu: Ka ‘Ōlelo pū ‘ana me ke Ke’ena Pāka & Hana Ho’onanea, 2013

Ho’onoho helu ‘ia ke Kumu Kū'ai Pāka o ka ‘Āpana Lawelawe e ka pu’unaue ‘ia ‘ana o ke kumu kū'ai pani hakahaka huina o nā ‘āina pāka e kū nei me nā ho’oponopono ko’iko’i e ka helu o nā ‘āpana lawelawe pāka e kū nei (a EDUs paha)(Pākaukau 6.6). He \$12,295 ke kumu kū'ai o ka EDU no ka ho’omau ‘ana i ke kūlana o ka lawelawe e kū nei.

### Pākaukau 6.6 Ke Kumu Kū'ai Pāka o ka EDU

|   |                      |
|---|----------------------|
| Huina Kumu Kū'ai ‘Āina Pāka                 | \$155,138,761        |
| Huina Kumu Kū'ai Kūkulu Ho’olako Pāka Kūmau | \$138,750,000        |
| Huina Kumu Kū'ai Kūkulu Ho’olako Kūikawā    | \$88,000,000         |
| <b>Huina Kumu Kū'ai Pāka</b>                | <b>\$381,888,761</b> |
| EDU   | 31,060               |
| <b>Kumu Kū'ai Pāka o ka EDU</b>             | <b>\$12,295</b>      |

### Kumu Kū'ai Koena o ka ‘Āpana Lawelawe

‘O kekahi hapa o ke kumu kū'ai e loa'a mai ai ho'i kekahi kūkulu ho'olako pāka i nā kama'āina hou, e uku 'ia ana nō e nā kama'āina hou iho. E ho'ohana 'ia nā uku o kēia mua aku no ka ho'opau 'ana i ka 'ai'ē e waiho mau ana. 'O ka uku 'ana ma o nā 'auhau waiwai i ho'ouku 'ia ma ka 'āina hakahaka ma mua o ke kūkulu hale 'ia 'ana, na lākou nō e uku i kekahi hapa o nā kumu kū'ai. A ua loa'a ho'i kekahi mau kumu kū'ai keu ma muli o kekahi mau kumu ho'olako kālā (ha'awina kālā, Moku'āina, me ia 'ano mea aku). No laila, e pono ke ho'ēmi 'ia ke kumu kū'ai o ka 'āpana lawelawe i mea e 'ike 'ia ai ia mau mea e loa'a ai ka huina kumu kū'ai o ka 'āpana lawelawe.

'O ko ke Kalana o Kauai kumu ho'olako kālā mua no nā ho'oponopono ko'iko'i nui loa, 'o ia ho'i nā pona 'ai'ē laulā. Hō'ike 'ia e ka loiilo'i ana i ka hā'awi pona 'ana i hala, he \$19,901,639 ko ke Kalana 'ai'ē e waiho mau ana pili i nā pāka (Pākaukau D.2).

I mea ho'i e helu pālua 'ole 'ia ai nā uku o kēia mua aku e ka 'auhau waiwai a kumu kālā hou aku paha no ka ho'opau loa 'ana i ka 'ai'ē, 'o kekahi ala e ho'okō 'ia ai, 'o ia ho'i ka lawe 'ana i ka 'ai'ē e waiho mau ana mai ke kumu kū'ai pani hakahaka o nā kūkulu ho'olako e kū nei. A i 'ole, e loa'a ana ka hopena ho'okahi ma ka pu'unaue 'ia 'ana o ka 'ai'ē e waiho mau ana e ka helu o nā 'āpana lawelawe e kū nei, no kekahi kumu hō'ai'ē nāna e kū'ē i ke Kumu Kū'ai o ka 'Āpana Lawelawe (Pākaukau 6.7).

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 6.7 Ke Kumu Hō'ai'ē no ka 'Ai'ē Pāka o ka 'Āpana Lawelawe

|   |              |
|---|--------------|
| Loina no ka Huina 'Ai'ē e waiho mau ana           | \$19,901,639 |
| EDU   | 31,060       |
| <b>Kumu Hō'ai'ē no ka 'Ai'ē Pāka o ka<br/>EDU</b> | <b>\$641</b> |
|   |              |

Kumu: Loina no ka Huina 'Ai'ē e waiho mau ana mai  
Pākaukau D.2  
Hale Noho Ho'olike Pāka Pākaukau 6.2

Koi 'ia e ke Kānāwai Moku'aina kekahi kumu hō'ai'ē keu no ka hapa o nā 'auhau waiwai i hala mai ka 'aina hakahaka i uku 'ia no nā kūkulu ho'olako ko'iko'i ma nā mahaiki nei i hala he 'elima. He hō'ailona ia kumu hō'ai'ē no ka waiwai o nā 'auhau waiwai o nā makahiki nei i hala he 'elima i uku 'ia e ka 'aina hakahaka no nā kūkulu ho'olako ko'iko'i e ho'olako kālā 'ia ma muli o ke kumu kālā laulā.

Ua ho'olako 'ia ka hapa nui o nā papahana pāka ho'onui hiki e ko ke Kalana mau pona 'ai'ē laulā (GO). E like me ka mea e hō'ike 'ia ma Pākaukau 6.8 o lalo, ma luna o \$8 miliona ka helu koho no ka loina makahiki me nā uku kuala o ka 'ai'ē e waiho mau ana no nā pāka ma nā makahiki 'elima nei i hala.

### Pākaukau 6.8 Ka Huina Ho'olilo Kālā a ke Kumu Kālā Laulā, 2007-2012

|   |                     |
|---|---------------------|
| Lawelawe Makahiki 'Ai'ē Pona GO, 6-30-12<br>Hapa Pāka o ka Huina 'Ai'ē e Waiho mau ana                      | \$8,327,781<br>17%  |
| Lawelawe 'Ai'ē Pāka Makahiki<br>Makahiki  | \$1,409,204<br>5    |
| Huina o ka Nui e Lawa ai Pili i ka 'Ai'ē 2007-1012<br>Ho'olilo Kālā Pololei a ke Kumu Kālā Laulā, 2007-2012 | \$7,046,020<br>\$ - |
| <b>Huina Ho'olilo Kālā a ke Kumu Kālā Laulā, 2007-2012</b>  | <b>\$7,046,020</b>  |

Kumu: CAFR FY2012 'ao'ao 95 me ko ke Ke'ena Pāka Hapa o ka 'Ai'ē mai Pākaukau D.1

Ua kālailai 'ia ka 'ikepili mo'ohelu kālā a 'ikepili 'auhau ho'i, a he hō'ailona ia, loa'a he 14% o nā kālā loa'a 'auhau waiwai mai ko ke Kalana mau kuleana 'āina hakahaka. 'O ke 79% o nā kālā loa'a Kumu Kālā Laulā, mai nā 'auhau waiwai mai nō lākou. Ua ho'ohana 'ia ia mau pākēneka 'elua e ho'oholo no nā kumu hō'ai'ē no nā ho'oka'a 'auhau waiwai i hala, 'ane'ane \$25 o ka EDU (Pākaukau 6.9).

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 6.9 Ke Kumu Hō'ai'ē 'Auhau Waiwai Pāka

|  |                            |
|--|----------------------------|
| Pākēneka o ke kumu kālā laulā mai nā 'auhau waiwai mai, M'A 2007-2012  | 79%                        |
| Pākēneka o nā 'auhau waiwai mai nā 'aina hakahaka mai 2012   | 14%                        |
| Pākēneka kumu hō'ai'ē no nā ho'oka'a 'auhau waiwai i hala Huina ho'olako kālā kumu kālā laulā pāka 2007-2012 | 11%<br>\$7,046,020         |
| Hapa koena 'aina hakahaka o ke kumu kū'ai i hala Huina waiwai pani hakahaka e kū nei                         | \$781,683<br>\$381,888,761 |
| Pākēneka i ho'oka'a 'ia e ko nā Pāka i nā makahiki nei i hala he 'elima                                      | 0.2%                       |
| Kumu kū'ai pāka o ka EDU   | \$12,295                   |
| <b>Huina kumu hō'ai'ē 'auhau waiwai pāka o ka EDU</b>  | <b>\$25.17</b>             |

Kumu:

Pākēneka o ke kumu kālā laulā mai nā 'auhau waiwai mai - Palapala Hō'ike Nui 'Oihana Kālā Makahiki no ke Kalana o Kaua'i, Hawai'i, Makahiki pau i ka 2012

Pākēneka o nā 'auhau waiwai mai nā 'aina hakahaka mai ke Ke'ena 'Auhau Waiwai Maoli

Huina Ho'olako Kālā Kumu Kālā Laulā Pāka mai Pākaukau 6.8

Huina waiwai pani hakahaka pāka e kū nei me ke kumu kū'ai pāka o ka EDU mai Pakaukau 6.6

Hiki ke ho'ohana 'ia nā kumu kālā mai waho mai no ka uku 'ana i kahi hapa o nā kumu kū'ai kūkulu ho'olako ho'onanea. 'Oiai 'a'ole 'o nā mea nona kekahi ha'awina kālā he mea e ho'ohiki 'ia ai ke kāko'o o ka ho'olako kālā o kēia mua aku, e ho'ēmi 'ia ana ke kumu kū'ai o ka 'āpana lawelawe 'oiai i kumu nō paha ia e loa'a ai paha kekahi ha'awina kālā i kekahi po'e hou aku o kēia mua aku. Ma nā makahiki 'elima nei i hala, ua loa'a \$418,000 i ke Kalana i ka makahiki no nā ho'oponopono ko'iko'i i nā kūkulu ho'olako pāka a me ke komo 'aina pāka 'ana (Pākaukau 6.10).

### Pākaukau 6.10 Nā Ho'olako Ha'awina Kālā Pāka, 2008-2012

| Papahana                                       | Kumu o ke Kālā  | Huina              |
|--|-----------------|--------------------|
| Wahi Hō'olu'olu ma ko Hā'ena Pāka Kahakai      | Moku'āina (HTA) | \$250,000          |
| Hō'ākea iā Black Pot Kahakai                   | Moku'āina       | \$800,000          |
| Kūkulu Ho'olako Pāka no Kapa'a                 | Moku'āina       | \$500,000          |
| Pahu Laka no ko Kapa'a Pāka Taona Hou          | Moku'āina       | \$500,000          |
| Ho'oponopono iā Kaumakani Pāka                 | Pekelala (CDBG) | \$40,000           |
| <b>Huina Ho'olako Ha'awina Kālā 2008-2012</b>  |                 | <b>\$2,090,000</b> |
| <b>Ho'olako Ha'awina Kālā Kūwaena Makahiki</b> |                 | <b>\$418,000</b>   |

Kumu: Ka 'ōlelo pū 'ana me ke Ke'ena Pāka & Hana Ho'onanea, 2013

## KALANA O KAUAI

### Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

Me ke kuhi 'ana o ka mana'o, e mau ana nō ke kūlana o nā ho'olako ha'awina kālā o ka wā ma hope a hiki i ka wā ma mua ho'i, pu'unaue 'ia ka helu kūwaena o ka ho'olako ha'awina kālā o ka makahiki e ka helu o nā 'āpana lawelawe e kū nei i ho'oholo ai i ke kumu kālā o ka 'āpana lawelawe. Ho'onui 'ia aku nō ua helu nei e ka helu anawaiwai e kū nei e loa'a ai ka huina helu nāna e ho'olike i ke kakahe 'ana mai o nā kumu kālā o kēia mua aku e loa'a ana paha i ke Kalana ma nā makahiki 20 e hiki mai ana, i kāko'o ia ma ka ho'olako kālā 'ana i nā ho'oponopono pāka. 'O ka hopena, \$199 o ka EDU ke kumu hō'ai'ē kūpono no ka ho'olako ha'awina kālā paha no nā pāka (Pākaukau 6.11).

#### Pākaukau 6.11 Ke Kumu Hō'ai'ē Ho'olako Ha'awina Kālā Pāka

|  |                     |
|--|---------------------|
| Ho'olako ha'awina kālā kūwaena makahiki<br>Nā EDU e kū nei                                 | \$418,000<br>31,060 |
| Ho'olako ha'awina kālā makahiki o ka EDU<br>Helu anawaiwai e kū nei (20 makahiki ma 3.05%) | \$13<br>14.81       |
| <b>Kumu Hō'ai'ē Ho'olako Ha'awina Kālā o ka<br/>EDU</b>                                    | <b>\$199</b>        |

Kumu: Ho'olako ha'awina kālā kūwaena mai Pākaukau 6.10

Nā EDU e kū nei mai Pākaukau 6.2

Pākēneka ho'ēmi no ka halu anawaiwai e kū nei mai Pākaukau 5.10

Ma ka ho'ēmi 'ana i ke kumu kū'ai o ka 'āpana lawelawe ma ke kumu hō'ai'ē no ka 'ai'ē ho'i, e loa'a mai ke kumu kū'ai koena, he \$11,393 no ka ho'olako ha'awina kālā o ka 'āpana lawelawe i kakali 'ia, e like me ka mea e hō'ike 'ia nei ma Pākaukau 6.12 o lalo.

#### Pākaukau 6.12 Ke Kumu Kū'ai Koena o ka 'Āpana Lawelawe Pāka

|  |                 |
|--|-----------------|
| Huina kumu kū'ai pani hakahaka pāka o ka<br>EDU      | \$12,295        |
| Kumu hō'ai'ē no ke kumu kū'ai o ka 'ai'ē o<br>ka EDU | \$(641)         |
| Kumu hō'ai'ē 'auhau waiwai i hala o ka<br>EDU        | \$(25)          |
| Kumu hō'ai'ē ho'olako ha'awina kālā o ka<br>EDU      | \$(199)         |
| <b>Kumu Kū'ai Koena Pāka o ka EDU</b>                | <b>\$11,430</b> |

Kumu: Huina kumu kū'ai pani hakahaka pāka o ka EDU  
mai Pākaukau 6.6

Kumu hō'ai'ē no ka 'ai'ē o ka EDU mai Pākaukau 6.7

'Auhau waiwai i hala o ka EDU mai Pākaukau 6.9

Kumu hō'ai'ē ho'olako ha'awina kālā o ka EDU mai  
Pākaukau 6.11

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Papa Manawa o ko ka Uku Palena Nui – Uku 'Āina Pāka a Kūkulu Ho'olako

Me ka ho'ohana 'ana i ke ki'ina hana 'ikepili me nā kuhikuhi o ka kālailai 'ana, aia ko ka uku palena nui i hiki ke hānai 'ia e ke Kalana o Kaua'i no nā 'āina pāka me nā kūkulu ho'olako, loa'a ia ma muli o ka ho'onui 'ia 'ana i ka helu o nā hale noho ho'olike, e kūhō'ailona 'ia e kēlā me kēia 'ano hale noho a lumi hōtele/mōtele, me ke kumu kū'ai koena o ka EDU e like me ka mea e hō'ike 'ia nei ma Pākaukau 6.13.

#### Pākaukau 6.13 Ka Papa Manawa Kumu Kū'ai Koena Pāka

| Ho'ohana 'Āina                     | EDU/'Āpana | Kumu Kū'ai<br>Koena/EDU | Kumu Kū'ai<br>Koena/'Āpana |
|------------------------------------|------------|-------------------------|----------------------------|
| 'Ohana-Ho'okahi Hale Noho Ka'awale | 1.00       | \$11,430                | \$11,430                   |
| 'Ohana-Lau                         | 0.49       | \$11,430                | \$5,590                    |
| Hōtele/Mōtele                      | 0.46       | \$11,430                | \$5,307                    |

Kumu: Nā EDU mai Pākaukau F.6

Kumu Kū'ai Koena mai Pākaukau 6.12

### Papa Manawa o ko ka Uku Palena Nui - Uku Kūkulu Ho'olako Pāka Wale nō

'Oiai kōkua ke kānāwai Ho'olilo Pāka o ke Kalana o Kaua'i i ka uku 'ana i ke komo 'āina wale nō, 'a'ole na'e i nā kūkulu ho'olako, 'o kekahi koho ka mālama 'ana i ke kānāwai Ho'olilo Pāka e kū nei, a loa'a kekahi Uku Hopena Kūkulu Ho'olako Wale nō. Like pū ke ki'ina hana no ka ho'onoho helu 'ana i ia Uku Hopena Kūkulu Ho'olako Wale nō. Eia na'e, 'a'ole helu pū 'ia nā kumu kū'ai 'āina pāka ma ka ho'onoho helu huina nui i ke kumu kū'ai pāka, lawe 'ia ka ha'awina kālā komo 'āina pāka mai ka ho'onoho helu kumu hō'ai'ē aku, a lawe pū 'ia aku he pona komo 'āina pāka mai ka ho'onoho e helu 'ia ai ka 'ai'ē e waiho mau ana.

No laila, he 7,300 o ka PSU ka Uku Hopena Kūkulu Ho'olako Wale nō o ka 'āpana lawelawe (Pākaukau 6.14).

#### Pākaukau 6.14 Ke Kumu Kū'ai Pāka o ka 'Āpana Lawelawe

|  |                |
|--|----------------|
| Huina kumu kū'ai kūkulu ho'olako pāka    | \$138,750,000  |
| Huina kumu kū'ai kūkulu ho'olako kūikawā | \$88,000,000   |
| Huina o nā kumu kū'ai pāka               | \$226,750,000  |
| Nā hale noho ho'olike (EDU)              | 31,060         |
| <b>Kumu Kū'ai Pāka o ka EDU</b>          | <b>\$7,300</b> |

Kumu: Pākaukau 6.6

Emi mai ka ho'olako kālā Kūkulu Ho'olako Pāka Wale nō i ho'oponopono 'ia MH 2008-2012, mai \$1,290,000 a \$258,000 paha ka helu kūwaena makahiki no ka ho'olako ha'awina kālā (Pākaukau 6.15).

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 6.15 Ka Ho'olako Ha'awina Kālā Pāka, 2008-2012

| Papahana                                       | Kumu o ke Kālā  | Huina              |
|--|-----------------|--------------------|
| Wahi Hō'olu'olu ma ko Hā'ena Pāka Kahakai      | Moku'āina (HTA) | \$250,000          |
| Kūkulu Ho'olako Pāka no Kapa'a                 | Moku'āina       | \$500,000          |
| Pahu Laka no ko Kapa'a Pāka Taona              | Moku'āina       | \$500,000          |
| Hou  | Pekelala (CDBG) | \$40,000           |
| Ho'oponopono iā Kaumakani Pāka                 |                 |                    |
| <b>Huina Ho'olako Ha'awina Kālā 2008-2012</b>  |                 | <b>\$1,290,000</b> |
| <b>Ho'olako Ha'awina Kālā Kūwaena Makahiki</b> |                 | <b>\$258,000</b>   |

Kumu: Ka 'ōlelo pū 'ana me ke Ke'ena Pāka & Hana Ho'onanea, 2013

Na kēia e hō'ike i ke kumu hō'ai'ē i ho'oponopono 'ia, he \$123 o ka EDU, no ka ho'olako ha'awina kālā kūkulu ho'olako pāka wale nō (Pākaukau 6.16).

### Pākaukau 6.16 Ke Kumu Hō'ai'ē Ho'olako Ha'awina Kālā Pāka

|  |                     |
|--|---------------------|
| Ho'olako ha'awina kālā kūwaena makahiki<br>Nā EDU Pāka e kū nei, 2012                      | \$258,000<br>31,060 |
| Ho'olako ha'awina kālā makahiki o ka EDU<br>Helu anawaiwai e kū nei (20 makahiki ma 3.05%) | \$8<br>14.81        |
| <b>Kumu Hō'ai'ē Ho'olako Ha'awina Kālā o ka EDU</b>  | <b>\$123</b>        |

Kumu: Ho'olako ha'awina kālā kūwaena mai Pākaukau 6.15

Nā EDU Pāka e kū nei mai Pākaukau 6.2

Pākēneka ho'ēmi no ka halu anawaiwai e kū nei mai Pākaukau 5.10

Ho'oponopono 'ia ho'i ke kumu hō'ai'ē no ka 'ai'ē me ka lawe 'ia aku o kekahi pona no ke komo 'āina (Pākaukau 6.17).

### Pākaukau 6.17 Ke Kumu Hō'ai'ē no ka 'Ai'ē Pāka o ka 'Āpana Lawelawe

|  |                       |
|--|-----------------------|
| Loina no ka Huina 'Ai'ē e waiho mau ana<br>Nā Hale Noho Ho'olike | \$6,701,115<br>31,060 |
| <b>Kumu Hō'ai'ē no ka 'Ai'ē Pāka o ka EDU</b>                    | <b>\$216</b>          |

Kumu: Loina no ka Huina 'Ai'ē e waiho mau ana mai Pākaukau D.2, ua ho'oponopono 'ia Hale Noho Ho'olike Pāka Pākaukau 6.2

He \$6,936 ka Uku Hopena Kūkulu Ho'olako Pāka o ka 'Āpana Lawelawe (Pākaukau 6.18).

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 6.18 Ke Kumu Kū'ai Koena Pāka o ka Āpana Lawelawe

|  |                |
|--|----------------|
| Huina kumu kū'ai pani hakahaka pāka o ka EDU | \$7,300        |
| Kumu kū'ai 'ai'ē o ka EDU                    | \$(216)        |
| Kumu hō'ai'ē 'auhau waiwai i hala o ka EDU   | \$(25)         |
| Kumu hō'ai'ē ho'olako ha'awina kālā o ka EDU | \$(123)        |
| <b>Kumu Kū'ai Koena Pāka o ka EDU</b>        | <b>\$6,936</b> |

Kumu: Huina kumu kū'ai pani hakahaka pāka o ka EDU mai Pākaukau 6.14  
Kumu kū'ai 'ai'ē o ka EDU mai Pākaukau 6.17  
Kumu hō'ai'ē 'auhau waiwai i hala o ka EDU mai Pākaukau 6.9  
Kumu hō'ai'ē ho'olako ha'awina kālā o ka EDU mai Pākaukau 6.1

Aia ka papa manawa o ka palena nui o ka Uku Hopena Kūkulu Ho'olako Pāka Wale nō ma Pākaukau 6.19 o lalo.

### Pākaukau 6.19 Ka Papa Manawa Kumu Kū'ai Koena Kūkulu Ho'olako Pāka Wale nō

| Ho'ohana 'Āina                     | EDU/'Āpana | Kumu Kū'ai Koena/EDU | Kumu Kū'ai Koena/'Āpana |
|------------------------------------|------------|----------------------|-------------------------|
| 'Ohana-Ho'okahi Hale Noho Ka'awale | 1.00       | \$6,936              | \$6,936                 |
| 'Ohana-Lau                         | 0.49       | \$6,936              | \$3,392                 |
| Hōtele/Mōtele                      | 0.46       | \$6,936              | \$3,221                 |

Kumu: Nā EDU mai Pākaukau F.6  
Kumu Kū'ai Koena mai Pākaukau 6.18

### Polokalamu Ho'oponopono Ko'iko'i

Ua noi 'ia ka ho'olako 'ia, he \$61.4 miliona, no ka ho'oponopono kūkululoko pāka a ho'onanea ma ko ke Kalana o Kauai Polokalamu Ho'oponopono Ko'iko'i 'Eono Makahiki (CIP). Ua hiki ke ho'ohana 'ia nā uku hopena no nā ho'oponopono ho'onui hiki wale nō, e la'a nā pāka a kūkulu ho'olako hou, a i 'ole ka ho'oponopono e ho'onui 'ia ai ka 'āina, hi'ona ho'olako, me ke kūkulu ho'olako paha o nā pāka e kū nei. 'Oiai ma ka CIP e loa'a ai nā kumu kū'ai laulā koho, 'a'ole e loa'a ana ko lākou ho'oka'awale li'ili'i 'ia 'ana a hiki i wā e haku 'ia nei. No laila, e kūpono ana nō paha ke hō'opia 'ia aku ke kuhikuhi 'ana i nā papahana i hiki paha ke hana 'ia. 'O nā ho'oponopono nona nō paha kahi uku hopena e loa'a ai he \$39.8 miliona o ka huina o nā kumu kū'ai CIP, a he \$39.6 miliona no ka uku Kūkulu Ho'olako wale nō.

## KALANA O KAUAI

### Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

Ke hō'ike 'ia nei ka papa helu e kū nei o nā ho'oponopono i hiki paha ke hana 'ia mai ka CIP 'eono makahiki ma Pākaukau 6.14. Ka'awale nā kolamu no nā ho'oponopono nona ana nō paha kahi Uku Hopena Kūkulu Ho'olako a 'Āina, a ka Uku Hopena Kūkulu Ho'olako Wale nō paha. Ho'okahi nō mea e 'oko'a ai, 'o ka papahana kūho'okahi ho'onui pāka i noi 'ia, 'a'ole hiki ke loa'a iā ia ka ho'olilo kālā Uku Hopena Kūkulu Ho'olako Wale nō.

The current list of eligible improvements from the six-year CIP is show in Table 6.14. Separate columns are provided for Facility and Land Impact Fee eligible and Facility Only Impact Fee eligible improvements. The main difference is that the one proposed park expansion project is not eligible for Facility Only Impact Fee expenditures.

#### Pākaukau 6.20 Ka Polokalamu Ho'oponopono Pāka Ko'iko'i 'Eono Makahiki

| Papahana  | Kumu Kū'ai<br>Huina | Hiki paha ke loa'a<br>ka Uku Hopena<br>Kūkulu Ho'olako a<br>'Āina | Hiki paha ke loa'a ka<br>Uku Hopena Kūkulu<br>Ho'olako Wale nō |
|---|---------------------|---|--|
| Ko Kapa'a Kikowaena Kaiāulu me ka<br>Ho'one'e i ke Ki'owai 'Au'au         | \$20,750,000        | tbd   | tbd  |
| Kekaha Gardens Pāka   | \$1,096,000         | \$1,096,000   | \$1,096,000  |
| Hō'ākea iā Hanalei Kahakai  | \$250,000           | \$250,000   | \$ -   |
| Nā Pā Pā'ani Ha'uki 'o Antone K. Vidinha                                  | \$31,200,000        | \$31,200,000  | \$31,200,000   |
| Ko Kapa'a Mau Pā Kāhua Pōwāwae  | \$3,300,000         | \$3,300,000   | \$3,300,000  |
| Ho'oponopono iā Ulo Ko Pāka   | \$1,300,000         | \$1,300,000   | \$1,300,000  |
| Ko Hanapēpē Pā Kahua Pā'ani Ha'uki  | \$3,500,000         | \$2,750,000   | \$2,750,000  |
| ADA Wehe 'ia o ka Palena Komo me nā<br>Ho'oponopono Papahana Ho'ololiloli | \$3,000,000         | \$ -  | \$ -   |
| <b>Huina</b>  | <b>\$61,396,000</b> | <b>\$39,896,000</b>   | <b>\$39,646,000</b>  |

Kumu: ko ke Kalana o Kauai Polokalamu Ho'oponopono Ko'iko'i 'Eono Makahiki, 2013

#### Ho'ohālike 'ia ka Uku Hopena me nā Koina Ho'olilo Pāka

Ua ho'okomo pū 'ia ka ho'ono ho helu 'ia 'ana o ka uku hopena Kūkulu Ho'olako Pāka Wale nō, i loa'a mai ai kekahī koho e ho'omau 'ia ai ke Koina Ho'olilo Pāka e kū nei nāna e ho'olawa i ke kumu kū'ai 'āina 'oiai ia e ho'ohana nei i ka uku hopena no nā kumu kū'ai kūkulū ho'olako CIP.

Koi 'ia e ke koina Ho'olilo Pāka Kalana o ke Kānāwai Kaiahale (Mah. 9-2.8) ka ho'olilo 'ana i 1.75 'eka no kēlā me kēia 1,000 kānaka, a i 'ole kakhi uku ma kahi o ka ho'olilo 'ana. Ma nā makahiki 'umi nei ua loa'a mai 75 'eka a \$2.45 miliona.

'O ka ho'olilo pāka, ke loa'a mai ma kahi o ka uku, ua hiki ke ho'oka'awale 'ia i ka huina ma kahi o \$1,280,380 no 558 kuleana 'āina a he \$1,169,980 no 372 'āpana ka'ana manawa. Like kēia me nā \$2,295 o ka kuleana 'āina noho a \$3,145 o ka 'āpana ka'ana manawa.

## KALANA O KAUAI

### Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

No ka ho'ohālike 'ana i ka uku ho'olilo pāka i ka uku hopena hiki paha, e lawe 'ia nō paha ka uku hopena Kūkulu Ho'olako Pāka Wale nō mai ka uku hopena Pāka no ko ke Kūkulu Ho'olako a 'Āina no ka hale noho 'ohana ho'okahi. Ho'olike a 'ane'ane like nō paha kēia ke ho'ohālike 'ia ka hapa 'āina. He \$11,430 ka uku Pāka no ke Kūkulu Ho'olako a 'Āina mai Pākaukau 6.12, a he \$6,936 ka uku Kūkulu Ho'olako Wale nō (Pākaukau 6.19). No laila, ma kahi o \$4,494 paha, no ka 'āina o ka hale noho 'ohana ho'okahi nō ia. Ma ka ho'ohālike 'ana, ua loa'a mai ka uku ho'olilo pāka mai, ma kahi o \$2,295 o ka hale noho 'ohana ho'okahi ma nā kumu kālā no ke komo 'āina pāka 'ana.

No nā 'āpana hōtele/mōtele, he \$5,307 ka uku hopena Pāka no ko ke Kūkulu Ho'olako a 'Āina mai Pākaukau 6.12, ke lawe 'ia na'e ka uku Kūkulu Ho'olako Wale nō, he \$3,221 (Pākaukau 6.19), a he \$2,086 o ka 'āpana hōtele/mōtele ho'i ka hopena. Ma ka ho'ohālike 'ana, ua loa'a mai ka uku ho'olilo pāka mai, \$3,145 o ka 'āpana ka'ana manawa.

No nā hale 'ohana ho'okahi, 'oi aku ke kālā loa'a i loa'a mai ka uku hopena mai, ma mua o ko ka uku ho'olilo pāka; eia na'e, no nā lumi hōtele/mōtele (ma ka mahele ho'okahi e like me nā hale ka'ana manawa ho'i), mai ka uku ho'olilo pāka mai e pi'i ai ka uku o ka 'āpana no ke komo 'āina 'ana.

#### Panina

Ma muli o ka wānana 'ana no ka nui mau 'ana o ka māhuahua o nā hale noho 'ohana ho'okahi ma mua o nā lumi hōtele/mōtele (Pākaukau 1.2) a he 'oi loa aku ka Uku Hopena Kūkulu Ho'olako Pāka a 'Āina no nā hale noho 'ohana ho'okahi, ma mua o ka ho'olilo pāka ma kahi o nā uku, konokono 'ia nō ka ho'okumu 'ana i ka Uku Hopena Kūkulu Ho'olako Pāka a 'Āina i mea e makepono loa ai ke kālā loa'a no ka Ho'onohonoho Pāka. 'Oi aku ka nui o nā 'ano i hiki ai ke ho'ohana 'ia ka Uku Hopena Kūkulu Ho'olako Pāka a 'Āina, no ka mea, ua hiki ke ho'ohana 'ia no ka 'āina a no ke kūkulu ho'olako paha.

E loa'a ana nō ho'i paha he 'ole ma ka ho'olako kālā 'ana i nā ho'oponopono ho'onui hiki pāka, 'oiai, 'o ka huina o nā papahana ho'onui hiki 'eono makahiki o ke Kalana CIP hiki paha ke loa'a iā ia ka uku hopena, he \$6,649,333 kēlā me kēia makahiki, a 'o ke kālā loa'a makahiki koho mai ka Uku Hopena 'Āina Pāka a Kūkulu Ho'olako, he \$4,523,844 (Pākaukau ES.5).

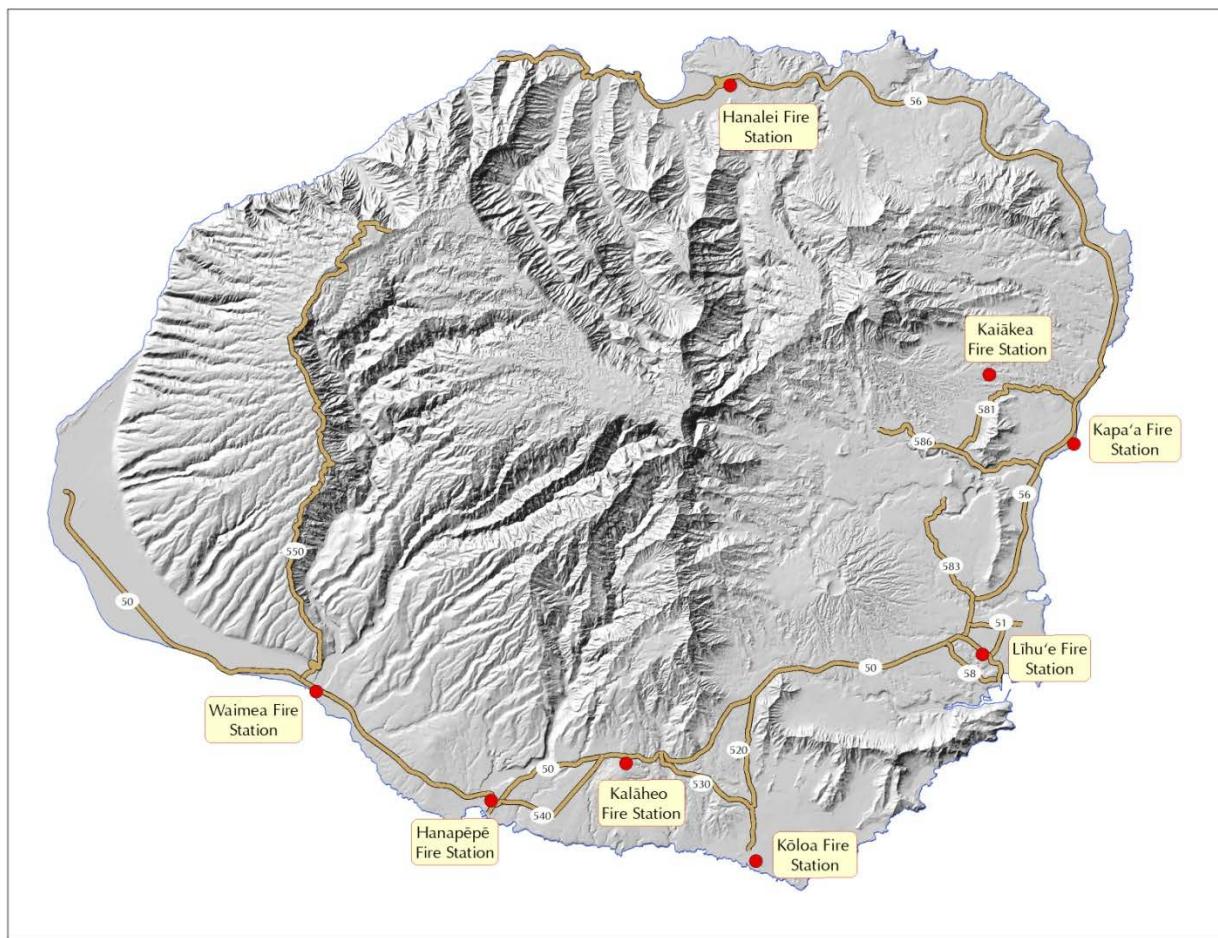
E pono ke ho'omana'o 'ia nā mea e 'oko'a ai kekahi wā o ka 'ohiuku me kekahi wā aku o ka 'ohi uku, i ka manawa e ho'oholo 'ia ai kekahi Uku Hopena Pāka. Ma kaiahale nō ke koina Ho'olilo Pāka e kū nei, a ke noi 'ia nei ka 'ohi 'ia 'ana o nā uku hopena hiki paha, e kū nō ia i ka wā ho'okahi e like me ka wā o nā palapala 'ae kūkulu.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### 7.0 HO'PIO AHI/EMS

Na ke Kalana o Kauai e lawelawe mai i ka lawelawe ho'opio ahi me ka mālama ola i kapa ia he Po'e Mālama Ulia Pōpilikia (EMS) ma o kona hale ho'opio ahi. 'Ewalu nā hale ho'opio ahi a he ke'ena kikowaena ma Kauai. Aia ke ke'ena kikowaena ma Pi'ikoi Hale me nā Ke'ena Kalana ē a'e. Aia ko Hanalei lāua me Waimea Hale Ho'opio Ahi ma ka hopena o nā alahele nui ko'iko'i, ke Alahele 'o Kūhio me ke Alahele 'o Kaumuali'i, a ke waiho pū nei me kekahī mau ke'ena māka'i ma lalo iho o lāua. Kū ho'okahi nā hale 'eono ē a'e.



Ki'i 7.1 Kahi o nā Hale Ho'opio Ahi

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Ka Loiloi 'ia me nā 'Āpana Makepono

Ma ke ākea, ho'ohana ka uku hopena Ho'opio Ahi/EMS i ke kūlanakauhale ho'okahi a 'āpana kalana paha ma kona 'ano 'o ia nō ka 'āpana makepono, no ka mea, na kekahī hale ho'opio ahi keu aku e ho'olawa i ka nui e lawa ai nā hale ho'opio ahi 'ē a'e a ho'ēmi i ka pono ke ho'ololi i nā kumuawaiwai. Konokono 'ia ho'okahi nō wahi lawelawe no ke Kalana holo 'oko'a, 'o ia ka mea e loa'a ai ka papa manawa kohu like me ia iho no ka uku hopena a puni ko Kaua'i Kalana.

### Nā 'Āpana Lawelawe

Ho'opili aku nā 'Āpana Lawelawe i ka loa'a o nā ho'oponopono hale ho'opio ahi me ke kauoha o kēia mua aku no kēia mau kūkulu ho'olako, e ho'oloa'a 'ia e ke kūkulu hale 'ana o kēia mua iho. Ho'onooho helu 'ia nā 'āpana lawelawe e ka hana 'ana i ho'okahi nō 'ano e ana 'ia ai nā 'ano like 'ole o ke kūkulu hale, loa'a iā ia ka lawelawe ho'opio ahi. Lawe 'ia ka lawelawe ho'opio ahi i nā 'ano 'āina a pau loa, e ho'onohonoho 'ia ma kēia ho'onooho helu 'ana i nā uku hopena ma nā 'ano he hale noho 'ohana ho'okahi, hale noho 'ohana lau, lumi hōtele/mōtele, me nā ho'ohana 'āina 'oihana kāpili.

No kēia palapala hō'ike, aia he ki'ina hana "heluna kānaka 'oihana", e loa'a ma muli o ka pono o ka po'e i ka lawelawe, a mahu'i aku nō i ka lō'ihi o ka manawa e pono ai ka lākou lawelawe 'ia 'ana. Ma Pāku'ina F e hō'ike 'ia ai ka ho'onooho helu 'ia 'ana o ka heluna kānaka 'oihana no nā 'ano 'āina like 'ole a no nā hale noho ho'olike pū kekahī (EDUs). Pili nā EDU no ka ho'onooho helu 'ana i ka uku hopena ho'opio ahi i nā 'ano ho'ohana 'āina penei: hale noho 'ohana ho'okahi, hale noho 'ohana lau, lumi hōtele/mōtele, me nā kapua'i huinahā 'oihana kālepa a kāpili ho'i.

'O kekahī ki'ina hana hou aku ho'i, 'o ia ke 'ano o ka "hea i ka lawelawe", nāna e hō'ili'ili a no'ono'o aku ma nā 'ikepili o nā kāheahea ma muli o ka ulia pōpilikia i hala, ma kēlā kēia 'ano 'āina. E like me ka nui o nā mana ho'okolokolo, 'a'ole hō'ili'ili ke Kalana o Kaua'i i nā 'ikepili penei, a no laila, 'a'ole e kau 'ia ana kēia 'ano ki'ina hana.

### Kumu Kū'ai o ka 'Āpana Lawelawe

Like me ka ho'onooho helu 'ana i ka uku hopena Pāka, aia ka uku hopena Ho'opio Ahi/EMS i ke kūlana o ka lawelawe e kū nei, e ha'i 'ia nō e nā kumu kū'ai pani hakahaka o nā kūkulu ho'olako e kū nei me ko lākou mau lako. Pu'unaue 'ia ia kumu kū'ai e ka helu o nā 'āpana lawelawe e kū nei i ho'oholo ai i ke kumu kū'ai no ka lawe 'ana i ke kūlana ho'okahi o ka lawelawe a like nō ma ke kūkulu hale o kēia mua aku me ko ke kūkulu hale e kū nei.

'Ike 'ia nā kumu kū'ai pani hakahaka o nā kūkulu ho'olako Ho'opio Ahi/EMS e kū nei, e ka 'ikepili no ke kūkulu hale 'ana o ka wā 'ānō iho nei. Ho'ohana 'ia ke kumu kū'ai o ke kapua'i huinahā no ke kūkulu 'ana i ko Kaiākea Hale Ho'opio Ahi i ka MH 2011. Eia na'e, ua ho'oponopono 'ia nā kumu kū'ai pipi'i 'ē'ē no ke kūkulu hale, i mea e 'ike 'ia ai ke kūlana ma'a mau mai o ke kūkulu hale 'ana ma ke kahua no nā kumu kū'ai pani hakahaka o nā hale ho'opio ahi 'ē a'e. Ma kahi o \$778 o ke kapua'i huinahā ke kumu kū'ai, hō'ike 'ia nō ma Pākaukau 7.1.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 7.1 Nā Kumu Kū'ai Kūkulu Hale Ho'opio Ahi

| Hale                        | Makahiki | Laulā<br>(KH) | Kumu Kū'ai<br>Kūkulu | Kumu Kū'ai/Kapua'i<br>Huinahā |
|-----------------------------|----------|---------------|----------------------|-------------------------------|
| Ko Kaiākea Hale Ho'opio Ahi | 2011     | 4,500         | \$3,500,000          | \$778                         |

Kumu: He \$4.7 miliona ka huina kumu kū'ai no ke kūkulu 'ana; he \$1.7 miliona na'e ko ka hana pili kahua hapa iho. 'O ka hana pili kahua ma'a mau, ma kahi nō ia o \$0.25 -0.5 miliona; ua ho'oponopono 'ia ke kumu kū'ai kūkulu 'ana i mea e 'ike 'ia ai kēia mau 'ike. Ko ke Kalana o Kauai Ke'ena Kūkulu, 2013

Ua loa'a nā waiwai o nā hale ho'opio ahi e kū nei ma muli o ka nui o ke kūkulu ho'olako me nā waiwai 'āina. Ua ho'ono ho helu 'ia ko nā kūkulu ho'olako waiwai e ka 'ike 'ana i nā kumu kū'ai kūkulu mai Pākaukau 7.1, me ka nui o nā hale ho'opio ahi, a ua lawe 'ia nā kumu kū'ai jet ski mai nā mo'olelo anawaiwai o ke Kalana. Ua ho'ono ho helu 'ia nā waiwai pani hakahaha 'āina ma muli o ka nui o ke kuleana 'āina me nā kuleana 'āina i 'ane'ane like aku ma ko lākou nui, i ho'olaha 'ia no ko lākou kali 'ana i ke kū'ai 'ia ma ka 'ikepili o ko Hawai'i Lawelawe 'Ike. He \$32 miliona a 'oi a'e ka huina kumu kū'ai no nā kūkulu ho'olako a 'āina, e hō'ike 'ia ma Pākaukau 7.2.

### Pākaukau 7.2 Nā Kumu Kū'ai Kūkulu Ho'olako Ho'opio Ahi e Kū Nei

| Inoa o ka Hale Ho'opio Ahi                                    | 'Eka  | Kumu<br>Kū'ai<br>'Āina | Laulā<br>o<br>ka<br>Hale(KH) | Kumu Kū'ai<br>Pani | Huina<br>Kumu Kū'ai<br>Pani |
|---|-------|------------------------|------------------------------|--------------------|-----------------------------|
| Ko Hanalei Hale Ho'opio Ahi Helu 1                            | 0.62  | \$795,746              | 3,946                        | \$3,069,111        | \$3,864,857                 |
| Ko Kapa'a Hale Ho'opio Ahi Helu 2                             | 0.54  | \$698,203              | 3,588                        | \$2,790,667        | \$3,488,869                 |
| Ko Kapa'a Hale Ho'opio Ahi Hale Zodiac                        |       |                        | 288                          | \$18,000           | \$18,000                    |
| Ko Līhu'e Hale Ho'opio Ahi Helu 3                             | 1.33  | \$308,755              | 6,980                        | \$5,428,889        | \$5,737,644                 |
| Ko Kōloa Hale Ho'opio Ahi Helu 4                              | 3.28  | \$758,411              | 3,400                        | \$2,644,444        | \$3,402,855                 |
| Ko Kalāheo Hale Ho'opio Ahi Helu 5                            | 2.81  | \$650,132              | 3,340                        | \$2,597,778        | \$3,247,910                 |
| Ko Hanapēpē Hale Ho'opio Ahi Helu 6                           | 0.37  | \$469,105              | 3,200                        | \$2,488,889        | \$2,957,994                 |
| Ko Hanapēpē Hale Ho'opio Ahi Hale Ho'āhu & Hale Pahu Hō'āmana |       |                        | 80                           | \$8,000            | \$8,000                     |
| Ko Waimea Hale Ho'opio Ahi Helu 7                             | 0.34  | \$430,996              | 1,400                        | \$1,088,889        | \$1,519,885                 |
| Ko Waimea Hale Ho'opio Ahi Hale Ho'āhu & Pahu Hō'āmana        |       |                        | 80                           | \$8,000            | \$8,000                     |
| Ko Kaiākea Hale Ho'opio Ahi Helu 8                            | 13.88 | \$1,475,972            | 4,500                        | \$3,500,000        | \$4,975,972                 |
| Ko Hanalei Hale Jet Ski                                       |       |                        | 2,500                        | \$170,000          | \$170,000                   |
| Ko Kōloa Hale Jet Ski   |       |                        | 2,700                        | \$170,000          | \$170,000                   |
| Ke'ena Kikowaena Ho'opio Ahi (Hale Pi'ikoi)                   | 0.23  | \$60,025               | 6,000                        | \$3,000,000        | \$3,060,025                 |
| <b>Huina</b>  |       |                        |                              |                    | <b>\$32,630,011</b>         |

Kumu: 'O nā 'ikepili no ke kūkulu 'ana me ka laulā 'āina, mai ko ke Kalana o Kauai Ke'ena Ho'opio Ahi, me ka helu pū i ke kumu kū'ai kūkulu HQ.

Aia ke kumu kū'ai kūkulu i ke kumu kū'ai o ke kapua'i huinahā mai Pākaukau 7.1

Aia nā kumu kū'ai 'āina i nā waiwai 'āina nohona kupa mai nā 'ikepili o ko Hawai'i Lawelawe 'Ike i helu papa 'ia ma ka lā 10 Iulai 2013

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

'Ane'ane \$14 miliona ka huina kumu kū'ai pani hakahaka no ko ke Ke'ena Ho'opio Ahi mau ka'a, helu papa 'ia nō ma Pākaukau 7.3.

### Pākaukau 7.3 Ke Kumu Kū'ai Pani Hakahaka Ka'a Ho'opio Ahi e Kū Nei

| 'Ano o ke Ka'a                                       | Helu | Kumu Kū'ai<br>'Āpana | Huina Kumu Kū'ai |
|--|------|----------------------|------------------|
| 'Enekini   | 8    | \$800,000            | \$6,400,000      |
| Helekopa   | 1    | \$2,100,000          | \$2,100,000      |
| Hazmat 8   | 1    | \$428,000            | \$428,000        |
| Moku Zodiac  | 1    | \$115,000            | \$115,000        |
| Ka'a Hehi Lepo - Polaris                             | 3    | \$15,000             | \$45,000         |
| Ka'a Hehi Lepo - Kawasaki                            | 3    | \$13,000             | \$39,000         |
| Ka'a Hehi Lepo - Other                               | 10   | \$7,500              | \$75,000         |
| Fire Pumper Seagraves                                | 2    | \$250,000            | \$500,000        |
| Jet Ski  | 10   | \$13,000             | \$130,000        |
| Moku Lanalana  | 1    | \$26,500             | \$26,500         |
| Ka'a Kauō Utility                                    | 12   | \$3,000              | \$36,000         |
| Ka'a Kauō Utility - Kapakai Jet Ski                  | 1    | \$8,000              | \$8,000          |
| Moku Kauō Ahi - Laulā                                | 3    | \$2,500              | \$7,500          |
| Moku Kauō Ahi - Moku kauō kuni                       | 1    | \$380,000            | \$380,000        |
| Moku Kauō Ahi - Ho'oma'ama'a me ka Mikini Ho'omeamea | 1    | \$213,000            | \$213,000        |
| Ka'a Kāko'o/Kalaka                                   | 31   | \$35,000             | \$1,085,000      |
| Ka'a Ho'opakele                                      | 1    | \$12,500             | \$12,500         |
| Ka'a Ho'opakele - Kalaka                             | 1    | \$420,000            | \$420,000        |
| Ka'a Ho'opakele Kaumaha 3                            | 1    | \$490,000            | \$490,000        |
| Kalaka 3   | 1    | \$198,000            | \$198,000        |
| Ka'a Vane Comms                                      | 1    | \$322,000            | \$322,000        |
| Ka'a Kauō Ed Ke'ake'a                                | 1    | \$13,000             | \$13,000         |
| Ka'a Kauō Ed Mea Kalaiwa                             | 1    | \$213,000            | \$213,000        |
| Ka'a Ho'oma'ama'a Kuni Ahi                           | 1    | \$380,000            | \$380,000        |
| Moku Radon   | 1    | \$190,000            | \$190,000        |
| Moku Whaler  | 1    | \$105,000            | \$105,000        |
| Huina  |      |                      | \$13,931,500     |

Kumu: 'O ka helu o nā ka'a me ke kumu kū'ai pani hakahaka mai ka wala'au pū 'ana me ko Kaua'i Ke'ena Ho'opio Ahi, 2013

Hō'ulu'ulu pōkole 'ia na kumu kū'ai lako ho'opio ahi ma Pākaukau 7.4, 'ane'ane \$3 miliona, e loa'a nō ma muli o ke anawaiwai 'ia 'ana o nā waiwai.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 7.4 Ke Kumu Kū'ai Lako Ho'opio Ahi e Kū Nei

| 'Ano Lako             | Kumu Kū'ai         |
|-----------------------|--------------------|
| Lako Ke'ena           | \$256,161          |
| Lako Mālama Pōuli/Ahi | \$1,935,542        |
| Lako Ka'a'ike         | \$293,179          |
| Haleku'i Kia'i Ola    | \$488,121          |
| <b>Huina</b>          | <b>\$2,973,004</b> |

Kumu: Ka wala'au pū 'ana me ko Kaua'i Ke'ena Ho'opio Ahi,  
2013

Ho'onoho helu 'ia e kumu kū'ai e kū nei o ka 'āpana lawelawe e ka pu'unaue 'ia 'ana o nā kumu kū'ai pani hakahaka e ka helu o nā 'āpana lawelawe e hō'ike 'ia ana ma Pākaukau 7.5. Ma kahi o \$1,350 o ka hale noho ho'olike ke kumu kū'ai huina.

### Pākaukau 7.5 Kumu Kū'ai Ho'opio Ahi o ka 'Āpana Lawelawe

|                                |                   |
|--------------------------------|-------------------|
| Kumu Kū'ai Hale Ho'opio Ahi    | \$32,630,011      |
| Kumu Kū'ai Ka'a                | \$13,931,500      |
| Kumu Kū'ai Lako                | \$2,973,004       |
| Huina Kumu Kū'ai Pani Hakahaka | \$49,534,515      |
| Nā EDU e kū nei                | 36,656            |
| <b>Kumu Kū'ai o ka EDU</b>     | <b>\$1,351.35</b> |

Kumu: Kumu Kū'ai Hale Ho'opio Ahi mai Pākaukau 7.2

Kumu Kū'ai Ka'a mai Pākaukau 7.3

Kumu Kū'ai Lako mai Pākaukau 7.4

Nā EDU mai Pākaukau F.6

### Kumu Kū'ai Koena o ka 'Āpana Lawelawe

'O kekahi hapa o ka uku e loa'a ai nā kūkulu ho'olako Ho'opio Ahi/EMS i ka po'e kama'aina hou, e ho'oka'a 'ia ana a i 'ole ua ho'oka'a 'ia aku e nā kama'aina hou iho. No laila, e pono ke ho'ēmi 'ia ka uku hopena i ho'owaiwai 'ia ai lākou no kēia mau ho'oka'a uku, e la'a ka ho'opau loa 'ana i ka 'ai'ē e waiho mau ana me ka ho'oka'a uku i hala ma o nā 'auhau waiwai i kau 'ia ma ka 'aina hakahaka ma mua o kona kūkulu hale 'ia 'ana. Eia ho'i, ua hiki nō ho'i ke ho'ohana 'ia ka ho'olako ha'awina kālā no nā ho'olilo kālā, a no laila e loa'a ai he kumu hō'ai'ē no nā kumu ho'olako kālā o waho mai. E ho'ēmi 'ia ke kumu kū'ai o ka 'āpana lawelawe i mea e lawa ai ia mau mea, a ua kapa 'ia nō kēlā he kumu kū'ai koena.

'O nā pona 'ai'ē laulā kekahi ala e ho'olako kālā 'ia ai nā ho'oponopono pili i ka Ho'opio Ahi. He \$7.9 miliona ka 'ai'ē Ho'opio Ahi e waiho mau ana e hō'ike 'ia nei ma Pākaukau 7.6. He \$216 o ka EDU kēia ke ho'onoho helu 'ia.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 7.6 Ke Kumu Hō'ai'ē no ka 'Ai'ē Ho'opio Ahi o ka 'Āpana Lawelawe

|  |              |
|--|--------------|
| Loina no ka Huina 'Ai'ē Ho'opio Ahi e waiho mau ana  | \$7,906,3066 |
| Nā EDU Ke'ena Ho'opio Ahi                            | 36,656       |
| <b>Kumu Hō'ai'ē no ka 'Ai'ē Ho'opio Ahi o ka EDU</b> | <b>\$216</b> |

Kumu:

'Ai'ē Ke'ena Ho'opio Ahi mai Pākaukau D.2  
Nā EDU e kū nei mai Pākaukau F.6

'O kekahi kumu hō'ai'ē no ka hapa o nā 'auhau waiwai i hala mai nā kuleana 'āina hakahaka i ho'oka'a 'ia no kekahi mau kūkulu ho'olako ma nā makahiki 'elima nei i hala, ua koi 'ia e ke Kānāwai Moku'āina. He hō'ailona ia kumu hō'ai'ē no ka waiwai o nā 'auhau waiwai ho'oka'a 'ia e ka 'āina hakahaka o nā makahiki 'elima i hala no nā kūkulu ho'olako i ho'olako kālā 'ia ma o ke kumu kālā laulā.

Ua ho'olako kālā 'ia e ko ke Kalana mau pona 'ai'ē laulā ka hapa nui o nā papahana ho'onui hiki ho'opio ahi. E like me ka mea e hō'ike 'ia nei ma Pākaukau 7.7 o lalo, he \$8.3 miliona ka loina makahiki koho a me nā uku kuala ma ka 'ai'ē e waiho nei no nā pāka ma nā makahiki 'elima nei i hala.

### Pākaukau 7.7 Nā Ho'olilo Kālā Ho'opio Ahi me ka Nui e Lawa ai ke Kumu Kālā Laulā, 2007-2012

|   |                    |
|---|--------------------|
| Lawelawe Pona 'Ai'ē GO Makahiki, 6-30-12                                  | \$8,327,781        |
| Ko ke Ke'ena Ho'opio Ahi Hapa o ka 'Ai'ē e waiho mau ana                  | 7%                 |
| Lawelawe 'Ai'ē Makahiki o ke Ke'ena Ho'opio Ahi Makahiki                  | \$559,833          |
| <b>Huina Ho'olako Kālā Pili i ka 'Ai'ē me ka Nui e Lawa Ai, 2007-2012</b> | <b>\$2,799,166</b> |

Kumu: CAFR 'ao'ao 95 M'A 2012, me ko ke Ke'ena Māka'i hapa o ka 'ai'ē mai Pākaukau D.2

Ma ke kālailai 'ana i nā 'ikepili mo'ohelu kālā a 'auhau ho'i e hō'ike 'ia ai ka loa'a 'ana o ka 14% o nā kālā loa'a 'auhau waiwai ma muli o nā kuleana 'āina hakahaka o loko o ke Kalana.'O nā 'auhau waiwai ka mea a loa'a ke 79% o nā kālā loa'a Kumu Kālā Laulā. Ua ho'ohana 'ia ia mau pākēneka 'elua i ho'oholo 'ia ai nā kumu hō'ai'ē no nā ho'oka'a uku 'auhau waiwai i hala, he \$8 o ka EDU (Pākaukau 7.8).

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 7.8 Ke Kumu Hō'ai'ē 'Auhau Waiwai i Hala Ho'opio Ahi

|  |              |
|--|--------------|
| Pākēneka o ke kumu kālā laulā mai nā 'auhau waiwai mai, M'A 2007-2012          | 79%          |
| Pākēneka o nā 'auhau waiwai mai nā 'āina hakahaka mai 2012                     | 14%          |
| Pākēneka kumu hō'ai'ē no nā ho'oka'a 'auhau waiwai i hala                      | 11%          |
| Huina ho'olako kālā kumu kālā laulā ho'opio ahi 2007-2012                      | \$2,799,166  |
| Hapa koena 'āina hakahaka o ke kumu kū'ai i hala                               | \$310,538    |
| Huina waiwai pani hakahaka ho'opio ahi e kū nei                                | \$49,534,515 |
| Pākēneka i ho'oka'a 'ia e ko nā 'āina hakahaka i nā makahiki 'elima nei i hala | 0.63%        |
| Kumu kū'ai ho'opio ahi o ka EDU  | \$1,351      |
| <b>Kumu Hō'ai'ē 'Auhau Waiwai i Hala o ka EDU</b>                              | <b>\$8</b>   |

Kumu: Pākeneka o ke kumu kālā laulā mai nā 'auhau waiwai mai - 2012 Palapala Hō'ike Nui 'Oihana Kālā Makahiki

Pākēneka o nā 'auhau waiwai mai nā 'āina hakahaka mai ke Ke'ena 'Auhau Waiwai Maoli Ho'olako Kālā o ke Kumu Kālā Laulā me ka nui e lawa ai ka Ho'opio Ahi mai Pākaukau 7.7

Huina waiwai pani hakahaka ho'opio ahi e kū nei o ka EDU mai Pākaukau 7.5

Kumu Kū'ai Ho'opio Ahi o ke EDU mai Pākaukau 7.5

Ma ka ho'ohana 'ana o ka ho'olako ha'awina kālā i hala ma ke 'ano hō'ailona wānana no ho'olako ha'awina kālā o kēia mua aku, helu papa 'o Pākaukau 7.9 i 'elima makahiki o nā ha'awina kālā i emi ai ka nui o ke kumu kū'ai o nā lako a ka'a ho'opio ahi. He \$960,000 ka helu kūwaena makahiki o ka ho'olako ha'awina kālā.

### Pākaukau 7.9 Nā Ha'awina Kālā Lako Ko'iko'i Ho'opio Ahi, 2008-2012

| Lako               | Ha'awina Kālā   | Makahiki  | Helu        |
|--------------------|---|-----------|-------------|
| 'Āina 'Āhiu        | VAG - Ha'awina Kālā 'A'a Ho'opio Ahi  | 2005-2012 | \$310,000   |
| Ka'a Kauō Kuni     | AFG - Ko 'Amelika Ke'ena Pekelala Ho'okele Mālama Pōulia, Ha'awina Kālā Kōkua Ho'opio Ahi   | 2008      | \$285,000   |
| Pace 'Amelika      | HSG - Ha'awina Kālā Ko Amelika Palekana Kulāiwi   | 2008      | \$37,435    |
| Ho'omeamea Kalaiwa | AFG - Ko 'Amelika Ke'ena Pekelala Ho'okele Mālama Pōulia, Ha'awina Kālā Kōkua Ho'opio Ahi   | 2009      | \$270,000   |
| 4 Ka'a             | HSG - Ha'awina Kālā Ko Amelika Palekana Kulāiwi   | 2009      | \$462,000   |
| Side Scan Sonar    | HSG - Ha'awina Kālā Ko Amelika Palekana Kulāiwi   | 2009      | \$47,816    |
| Hale Ho'omalu      | HSG - Ha'awina Kālā Ko Amelika Palekana Kulāiwi   | 2009      | \$81,929    |
| Holmatro           | CDBG - Ko 'Amelika Ke'ena Hale Noho a Kūkulu Hale Kiwikā, Ha'awina Kālā Kūkulu Hale Kaiāulu | 2009      | \$78,000    |
| Com Ka'a/Lekiō     | DOI - Ko 'Amelika 'Oihana Kālai'āina  | 2009      | \$1,300,000 |
| Ke'e Kahakai       | Moku'āina - ma o ka palapala 'aelike  | 2009-2012 | \$75,000    |
| Helekopa           | CDBG - Ko 'Amelika Ke'ena Hale Noho a Kūkulu Hale Kiwikā, Ha'awina Kālā Kūkulu Hale Kaiāulu | 2010      | \$150,000   |
| Helekopa           | AFG - Ko 'Amelika Ke'ena Pekelala Ho'okele Mālama Pōulia, Ha'awina Kālā Kōkua Ho'opio Ahi   | 2010      | \$600,000   |
| SCBA               | HSG - Ha'awina Kālā Ko Amelika Palekana Kulāiwi   | 2010      | \$375,000   |

## KALANA O KAUAI

### Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

|   |   |      |                    |
|---|---|------|--------------------|
| Mīkini Kāwī   | HSG - Ha'awina Kālā Ko Amelika Palekana Kulāiwi   | 2010 | \$14,009           |
| Palekana Pūnaeweles                                       | Palekana Pūnaeweles - Ha'awina Kālā Pūnaeweles o Ko Amelika Palekana Kulāiwi                | 2011 | \$100,000          |
| Ka'a Ho'opakele   | CDBG - Ko 'Amelika Ke'ena Hale Noho a Kūkulu Hale Kiwikā, Ha'awina Kālā Kūkulu Hale Kaiāulu | 2011 | \$250,000          |
| Kaola Palekana Mea Lako                                   | DOT HWY - Ke'ena Moku'āina Lawelawe 'Ōhua   | 2011 | \$65,000           |
| Ka'a Kauō Ho'ona'auao                                     | AFG - Ko 'Amelika Ke'ena Pekelala Ho'okele Mālama Pōulia, Ha'awina Kālā Kōkua Ho'opio Ahi   | 2011 | \$138,000          |
| Moku Whaler Bosetona                                      | AFG - Ko 'Amelika Ke'ena Pekelala Ho'okele Mālama Pōulia, Ha'awina Kālā Kōkua Ho'opio Ahi   | 2012 | \$77,936           |
| Spectrometer Ana Nu'a                                     | HSG - Ha'awina Kālā Ko Amelika Palekana Kulāiwi   | 2012 | \$83,770           |
| <b>Huina</b>  |   |      | <b>\$4,800,895</b> |
| <b>Huina kūwaena makahiki o ka ho'olako ha'awina kālā</b> |   |      | <b>\$960,179</b>   |

Ma ka pu'unaue 'ia 'ana o ka helu kūwaena makahiki o ka ho'olako ha'awina kālā e nā 'āpana lawelawe e kū nei, e loa'a ai ka helu ho'olako ha'awina kālā makahiki o ka 'āpana lawelawe. Ho'onui 'ia ia helu e ka helu ana waiwai e kū nei no kekahi huina ho'ohui 'ia e kū nei, 'o ia ka helu ho'olike o ke kālā kakahe o kēia mua aku o nā ho'olako kālā o waho mai e loa'a ana nō paha i ke Kalana, no kona ho'olako kālā 'ana i ko ke Ke'ena Ho'opio Ahi mau lako, ka'a, a kūkulu ho'olako ho'i. He \$388 o ka 'āpana lawelawe ke kumu hō'ai'ē o ka ho'olako ha'awina kālā i hiki, i 'ike 'ia ma muli o nā 'ike o luna a'e (Pākaukau 7.10).

#### **Pākaukau 7.10 Ke Kumu Hō'ai'ē Ho'olako Ha'awina Kālā Ho'opio Ahi**

|  |              |
|--|--------------|
| Ho'olako ha'awina kālā kūwaena makahiki                              | \$960,179    |
| Nā EDU Ke'ena Ho'opio Ahi  | 36,656       |
| Ho'olako Kālā Makahiki o ka EDU Waiwai e Kū Nei(20 makahiki @ 3.05%) | \$26         |
| <b>Kumu Hō'ai'ē Ho'olako Ha'awina Kālā o ka EDU</b>                  | 14.81        |
|  | <b>\$388</b> |

Kumu: Ho'olako ha'awina kālā kūwaena makahiki mai Pākaukau 7.8; Huina EDU Ke'ena Ho'opio Ahi mai Pākaukau F.6; Pākēnaka Ho'ēmi no ka helu anawaiwai e kū nei mai Pākaukau 5.10

Aia ke Kumu Kū'ai Koena Ho'opio Ahi o ka 'Āpana Lawelawe ma Pākaukau 7.11 o lalo. Na nā kumu kū'ai 'ai'ē, kumu hō'ai'ē 'auhau waiwai i hala, me ke kumu hō'ai'ē ho'olako ha'awina kālā e ho'ēmi ke kumu kū'ai o ka 'āpana lawelawe i \$739 o ka hale noho ho'olike i ho'omau 'ia ai ke kūlana o ka lawelawe e kū nei no ko ke Kalana lawelawe ho'opio ahi.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 7.11 Nā Kumu Kū'ai Koena Ho'opio Ahi o ka 'Āpana Lawelawe

|   |              |
|---|--------------|
| Huina Kumu Kū'ai Pani Hakahaka Ho'opio Ahi o ka EDU | \$1,351      |
| Kumu Hō'ai'ē no ka 'Ai'ē o ka EDU                   | \$(216)      |
| Kumu Hō'ai'ē 'Auhau Waiwai i Hala o ka EDU          | \$(8)        |
| Kumu Hō'ai'ē Ho'olako Ha'awina Kālā o ka EDU        | \$(388)      |
| <b>Kumu Kū'ai Koena Ho'opio Ahi o ka EDU</b>        | <b>\$739</b> |

Kumu: Huina Kumu Kū'ai Pani Hakahaka Ho'opio Ahi o ka EDU mai Pākaukau 7.5

Kumu Hō'ai'ē no ka 'Ai'ē o ka EDU mai Pākaukau 7.6

Kumu Hō'ai'ē 'Auhau Waiwai i Hala o ka EDU mai Pākaukau 7.8

Kumu Hō'ai'ē Ho'olako Ha'awina Kālā o ka EDU mai Pākaukau 7.10

### Papa Manawa o ko ka Uku Palena Nui

Ma Pākaukau 7.12 o lalo i ho'onoho helu 'ia ai nā palena nui i hiki o nā uku hopena Ho'opio Ahi/EMS, ma muli o nā 'ike o luna, ke kālailai 'ana me nā kuhikuhi 'ana ma kēia palapala hō'ike.

### Pākaukau 7.12 Ka Papa Manawa Kumu Kū'ai Koena Ho'opio Ahi

| Ho'ohana 'Āina  | Hale Noho<br>EDU/'Āpana | Kumu Kū'ai<br>Koena/EDU | Kumu Kū'ai<br>Koena/'Āpana |
|-----------------|-------------------------|-------------------------|----------------------------|
| 'Ohana-Ho'okahi | Hale Noho<br>1.00       | \$739                   | \$739                      |
| 'Ohana-Lau      | Hale Noho<br>0.49       | \$739                   | \$362                      |
| Hōtele/Mōtele   | Lumi Noho<br>0.46       | \$739                   | \$343                      |
| 'Oihana Kālepa  | 1,000 KH<br>0.92        | \$739                   | \$678                      |
| 'Oihana Kāpili  | 1,000 KH<br>0.45        | \$739                   | \$329                      |

Kumu: Nā EDU mai Pākaukau F.6

Kumu Kū'ai Koena mai Pākaukau 7.11

Ma ko ke Kalana Polokalamu Ho'oponopono Ko'iko'i 6-Makahiki, ua helu papa 'ia ho'okahi nō papahana ho'oponopono Ho'opio Ahi ko'iko'i, 'o ia ho'i ka pani hakahaka 'ana i ko Wailua Hale Ho'opio Ahi (Pākaukau 7.13).

Ua hiki nō ke loa'a ka uku hopena i nā kapua'i huinahā keu wale nō ma luna o nā kapua'i huinahā e kū nei. Ma muli o ka nui o ka hale ho'opio ahi hou, e pi'i a e emi ana paha ka nui e hiki ai ke loa'a ka uku hopena.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 7.13 Ka Polokalamu Ho'oponopono Ho'opio Ahi Ko'iko'i

| Papahana                   | Huina<br>Kumu Kū'ai | Hapa e loa'a ai<br>ka uku hopena |
|----------------------------|---------------------|----------------------------------|
| Ko Wailua Hale Ho'opio Ahi | \$6,050,000         | \$1,226,133                      |
| <b>Huina</b>               | <b>\$6,050,000</b>  | <b>\$1,226,133</b>               |

Kumu: ko ke Kalana Polokalamu Ho'oponopono Ko'iko'i 'Eono Makahiki, 2013. 3,588 kapua'i huinahā o ka hale ho'opio ahi e kū nei; 4,500 kapua'i huinahā o ka hale ho'opio ahi pani hakahaka i noi 'ia (ma ka CIP 6-makahiki). 'O ka hapa o ka papahana CI e hiki ai ke loa'a ka uku hopena, ua like kūpono ia me nā kapua'i huinahā keu.

#### Panina

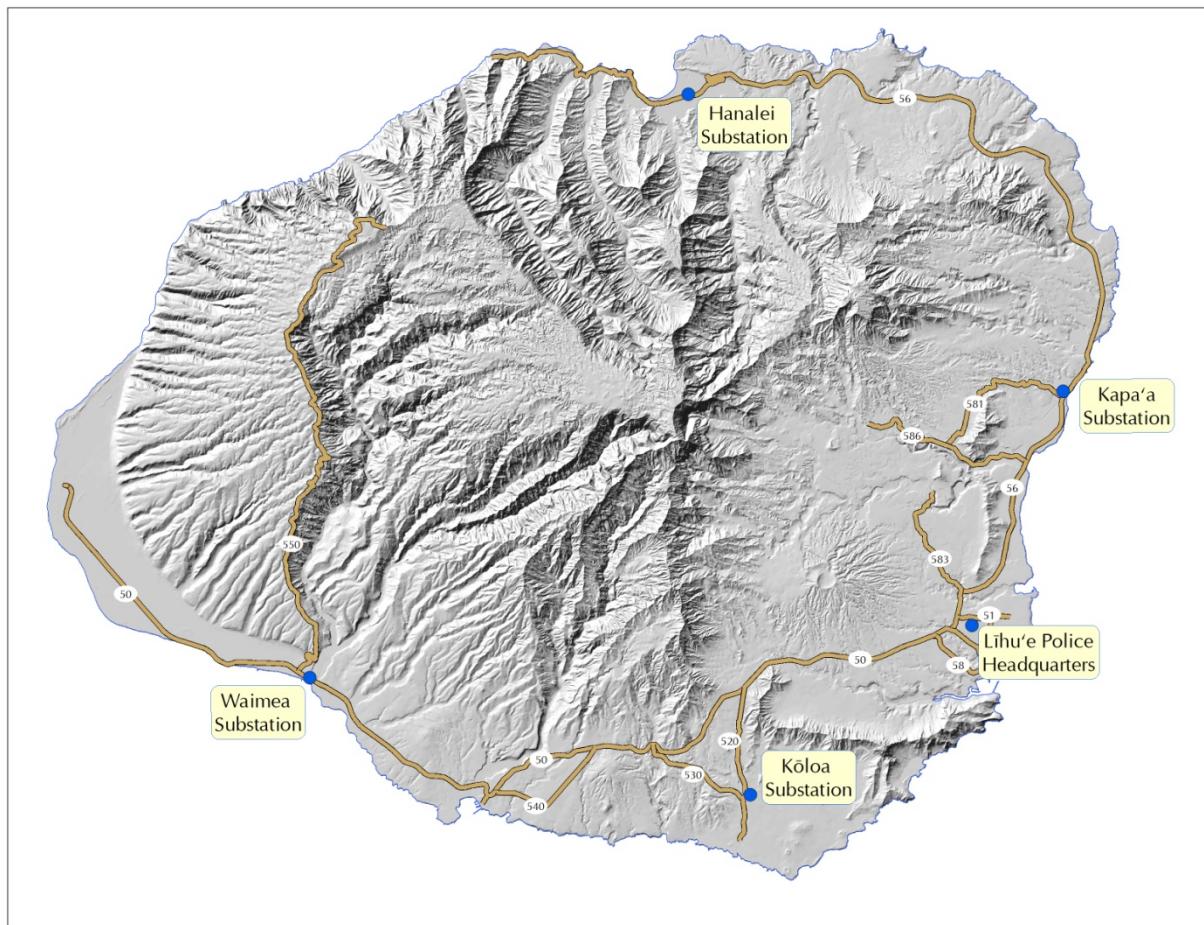
Aia nō ho'i i ka nui i ho'olālā 'ia me ka manawa e hana 'ia ai ko Wailua Hale Ho'opio Ahi me ka hō'ākea 'ana paha i nā hale ho'opio ahi e kū nei, ua hiki ke ho'ouku 'ia ka uku hopena i emi i lalo o kona palena nui, a i 'ole e kāpae loa aku nō paha iā ia. Me ka Uku Hopena Ho'opio Ahi e kū nei e loa'a ai nā kālā loa'a keu ma mua o ka mea e ho'olilo 'ia paha no ko Wailua Hale Ho'opio Ahi, a 'o ka hopena, e pono ana nō paha ke ho'ihō'i piha loa mai, a i 'ole kahi hapa paha o nā uku i 'ohi 'ia mai.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

## 8.0 MĀKA'I

E lawelawe 'ia ka lawelawe māka'i no ke Kalana o Kaua'i e ko Kaua'i Ke'ena Māka'i me kona ke'ena kikowaena ma Līhu'e, a 'elua hale kūlalo ma Hanalei me Waimea e waiho pū nei me kekahi mau Kūkulu Ho'olako Ho'opio Ahi, ho'okuleana 'ia e ke Ke'ena Māka'i. Ma nā 'āina Pāka a Hana Ho'onanea nā hale kūlalo ma Kapa'a me Kōloa. E pono ke pani hakahaka 'ia ia mau hale kūlalo 'elua. Ma ka helu 'ole 'ana i ko Kōloa me Kapa'a hale kūlalo ma ke kālailai uku hopena me ka mo'owaiwai o nā kūkulu ho'olako e kū nei, 'a'ole lāua he mahele o ke kūlana o ka lawelawe e kū nei a he hiki nō paha ke loa'a ka uku hopena o kēia mua aku iā lāua.



## Ki'i 8.1 Kahi o nā Ke'ena Māka'i o Kaua'i

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Ka Loiloi 'ia me nā 'Āpana Makepono

Konokono 'ia ho'okahi nō wahi lawelawe no ke Kalana holo 'oko'a, 'o ia ka mea e loa'a ai ka papa manawa kohu like me ia iho no ka uku hopena a puni ko Kauai Kalana. E like me ko ka Ho'opio Ahi, ma ka pāku'i 'ana i kekahi hale māka'i hou e lawa hou aku ai nā hale/ke'ena kikowaena 'ē a'e, no ka mea, emi mai ko lākou pono e ho'one'e i nā waiwai ho'olako i lawa ai ko ia wahi.

### Nā 'Āpana Lawelawe

Ho'ohana 'ia ka heluna kānaka 'oihana me nā hale noho ho'olike ma ke 'ano 'o ka mea ho'okahi e ana 'ia ai i mea e ho'opili ai i ka loa'a o nā ho'oponopono kūkulu ho'olako māka'i me ke kauoha o kēia mua aku no kēia mau kūkulu ho'olako, e ho'oloa'a 'ia e ke kūkulu hale 'ana o kēia mua iho. Aia nā hopena o nā EDU ma Pāku'ina F. Pili nā EDU no ka ho'onoho helu uku hopena Māka'i 'ana, i nā 'ano ho'ohana 'āina penei: hale noho 'ohana ho'okahi, hale noho 'ohana lau, lumi hōtele a mōtele, me nā kapua'i huinahā 'oihana kālepa a kāpili ho'i.

### Kumu Kū'ai o ka 'Āpana Lawelawe

Aia ka uku hopena Māka'i i ke kūlana o ka lawelawe e kū nei, e 'ike 'ia nō e nā kumu kū'ai pani hakahaka o nā kūkulu ho'olako e kū nei me ko lākou mau ka'a a lako ho'i. Pu'unaue 'ia ia kumu kū'ai e ka helu o nā 'āpana lawelawe e kū nei i ho'oholo ai i ke kumu kū'ai no ka lawe 'ana i ke kūlana ho'okahi o ka lawelawe a like nō ma ke kūkulu hale o kēia mua aku me ko ke kūkulu hale e kū nei.

'O ka waiwai huina o nā kūkulu ho'olako māka'i, aia ia i ka nui o ke kūkulu ho'olako e kū nei me ke kumu kū'ai kūkulu o ke kapua'i huinanā mai ke kūkulu 'ana i ke Ke'ena Māka'i Kikowaena i ka MH 2000, me kekahi helu ho'opi'i kū'ai e kau 'ia mai ka ENR Papa Kuhi Kumu Kū'ai Kūkulu Hale. Ua ho'onoho helu 'ia nā waiwai 'āina no nā hale māka'i ma muli o ka nui o nā kuleana 'āina me nā kuleana 'āina e like ana ma kona nui i kali ana i ke kū'ai 'ia ma ka 'ikepili o ko Hawai'i Lawelawe 'Ike. 'Ane'ane \$20 miliona nā kumu kū'ai kūkulu ho'olako a 'āina, e hō'ike 'ia nei ma Pākaukau 8.1.

### Pākaukau 8.1 Ke Kumu Kū'ai Kūkulu Ho'olako Māka'i e Kū Nei

|                             | 'Eka | Kumu Kū'ai<br>'Āina | Laulā Hale<br>(KH) | Kumu Kū'ai<br>Hale | Kumu Kū'ai Pani<br>Hakahaka<br>('Āina + Kūkulu<br>Ho'olako) |
|-----------------------------|------|---------------------|--------------------|--------------------|---|
| Ke'ena Kikowaena o ko Kauai | 4.29 | \$418,101           | 48,271             | \$16,914,158       | \$17,332,260  |
| Ke'ena Māka'i               |      |                     |                    |                    |   |
| Ko Waimea Hale Kūlalo       | 0.32 | \$140,794           | 2,064              | \$723,226          | \$864,019   |
| Ko Hanalei Hale Kūlalo      | 0.38 | \$658,317           | 2,400              | \$840,960          | \$1,499,277   |
| <b>Huina</b>                |      |                     |                    |                    | <b>\$19,695,556</b>   |

Kumu: 'Ikepili Kūkulu Hale a 'Āina mai ke Ke'ena Māka'i o ko Kauai Kalana.

Loa'a ka waiwai 'āina ma muli o nā kuleana 'āina MH 2013 e kali ana i ke kū'ai 'ia i Julai 2013, nā 'ike o ko Hawai'i Lawelawe 'Ike.

Helu pū ke kumu kū'ai kūkulu hale i ka helu ho'opi'i mai ka ENR Papa Kuhi Kumu Kū'ai Kūkulu Hale

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

Aia ka mo'owaiai e kū nei o ko ke Ke'ena Māka'i mau ka'a ma Pākaukau 8.2 me nā kumu kū'ai pani hakahaka e pili mai ana.

### Pākaukau 8.2 Ke Kumu Kū'ai Pani Hakahaka Ka'a Māka'i e Kū Nei

| 'Ano Ka'a                      | 'Āpana | Kumu Kū'ai<br>'Āpana | Huina Kumu<br>Kū'ai |
|--------------------------------|--------|----------------------|---------------------|
| Ka'a Mākaukau e Ho'opakele     | 112    | \$50,000             | \$5,600,000         |
| Ka'a Kūmau                     | 45     | \$30,000             | \$1,350,000         |
| Ka'a Kauō                      | 7      | \$9,000              | \$63,000            |
| Ka'a Kauoha Pilikia            | 1      | \$650,000            | \$650,000           |
| Ka'a Vane Hale Ho'opa'i 'Au'a  | 1      | \$50,000             | \$50,000            |
| SUV Palekana Ne'ena Alahele    | 1      | \$30,000             | \$30,000            |
| Kalaka Palekana Ne'ena Alahele | 1      | \$50,000             | \$50,000            |
| Ka'a Forklift                  | 1      | \$30,000             | \$30,000            |
| Ka'a Kauō Hō'ailona 'Āwīwī     | 1      | \$9,000              | \$9,000             |
| <b>Huina</b>                   |        |                      | <b>\$7,832,000</b>  |

Kumu: Ka leka uila pū 'ana me ko ke Kalana o Kauai Ke'ena Māka'i, 2013

Ua loa'a nā kumu kū'ai lako mai ka mo'owaiwai lako Māka'i, he \$17,380,415 kona huina. Komo i kēia mo'owaiwai nā lekiō, lolo uila kau 'ūhā, pū anawikiwiki, lako hale ke'ena, radar, lako ho'ouna, me nā lako ke'ena 'imi na'auao.

No ka ho'ono ho'ono helu 'ana i ke Kumu Kū'ai Māka'i o ka 'Āpana Lawelawe, pu'unaue 'ia nā huina kumu kū'ai pani hakahaka e nā hale noho ho'olike e kū nei i loa'a ai ke kumu kū'ai, \$1,225 o ka EDU (Pākaukau 8.3). Komo pū i nā huina kumu kū'ai pani hakahaka ke kumu kū'ai kūkulu ho'olako, ka'a, a lako ho'i.

### Pākaukau 8.3 Ke Kumu Kū'ai Māka'i o ka 'Āpana Lawelawe

|                                   |                |
|-----------------------------------|----------------|
| Kumu Kū'ai Kūkulu Ho'olako Māka'i | \$19,695,556   |
| Kumu Kū'ai Ka'a                   | \$7,832,000    |
| Kumu Kū'ai Lako                   | \$17,380,415   |
| Huina Kumu Kū'ai Pani Hakahaka    | \$44,907,971   |
| Nā EDU e kū nei                   | 36,656         |
| <b>Kumu Kū'ai o ka EDU</b>        | <b>\$1,225</b> |

Kumu: Kumu Kū'ai Kūkulu Ho'olako Māka'i mai Pākaukau 8.1

Kumu Kū'ai Ka'a mai Pākaukau 8.2

Kumu Kū'ai Lako hā'awi 'ia e ka Mo'owaiwai Māka'i, Iulai 2013

EDUs mai Pākaukau F.6

### Kumu Kū'ai Koena o ka 'Āpana Lawelawe

'Oiai 'o kekahi hapa o ka uku e loa'a ai nā kūkulu ho'olako Māka'i i ka po'e kama'āina hou, e ho'oka'a 'ia ana a i 'ole ua ho'oka'a 'ia aku e nā kama'āina hou iho, e pono ke ho'ēmi 'ia ka uku hopena i ho'owaiwai 'ia ai lākou no kēia mau ho'oka'a uku. Penei nā kumu hō'ai'ē: ka ho'opau loa 'ana i ka 'ai'ē e waiho mau ana, ka ho'oka'a uku i hala ma o nā 'auhau waiwai i kau 'ia ma

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

ka 'āina hakahaka, me nā ho'olako ha'awina kālā e ho'oka'a i kekahi o nā ho'olilo kālā. H E ho'ēmi 'ia ke kumu kū'ai o ka 'āpana lawelawe i mea e lawa ai ia mau mea, a ua kapa 'ia nō kēlā he kumu kū'ai koena.

Ke loa'a ka 'ai'ē e waiho mau ana ma nā kūkulu ho'olako e kū nei, 'a'ole e koi 'ia ka uku 'ana o ke kūkulu hale hou i ia 'ai'ē ma o ka 'auhau waiwai a kekahi 'ano ho'olilo kālā 'ē a'e e ho'ohana 'ia no ka ho'opau loa 'ana i ka 'ai'ē e waiho mai ana. 'O ka mea ma'a mau, ua loa'a nā kumu kālā no nā kūkulu ho'olako hou a nā ho'olilo kālā no nā lako ko'iko'i loa, ma muli o nā nīnau pili i ke Ke'ena Māka'i. Hō'ike ke kālailai 'ana i nā nīnau pona i hala (Pāku'ina D) i ko ke Kalana 'ai'ē e waiho mau ana e pili i ke ke'ena māka'i, he \$4.26 miliona nō ia. E like me ka mea e hō'ike 'ia nei ma Pākaukau 8.4, he \$116 o ka 'āpana lawelawe ko ke Kalana 'ai'ē Ke'ena Māka'i e kū nei.

### Pākaukau 8.4 Ke Kumu Hō'ai'ē no ka 'Ai'ē Māka'i o ka 'Āpana Lawelawe

|   |              |
|---|--------------|
| Loina no ka Huina 'Ai'ē Māka'i e waiho mau ana  | \$4,262,198  |
| Nā EDU Ke'ena Māka'i                            | 36,656       |
| <b>Kumu Hō'ai'ē no ka 'Ai'ē Māka'i o ka EDU</b> | <b>\$116</b> |

Kumu:

'Ai'ē ke'ena māka'i mai Pākaukau D.2

Nā EDU e kū nei mai Pākaukau F.5

Ua ho'olako kālā 'ia ka hapa nui o nā papahan ho'onui hiki māka'i e ko ke Kalana mau pona 'ai'ē laulā (GO). E like me ka mea e hō'ike 'ia ma Pākaukau 8.5, he \$1.5 miliona ka loina kūwaena makahiki me nā uku kuala ma ka 'ai'ē e waiho mau ana no ka māka'i ma nā makahiki 'elima i hala nei.

### Pākaukau 8.5 Nā Ho'olilo Kālā Māka'i me ka Nui e Lawa ai ke Kumu Kālā Laulā, 2007-2012

|   |                    |
|---|--------------------|
| Lawelawe Pona 'Ai'ē GO Makahiki, 6-30-12                                  | \$8,327,781        |
| Ko ke Ke'ena Māka'i Hapa o ka 'Ai'ē e waiho mau ana                       | 3.6%               |
| Lawelawe 'Ai'ē Makahiki o ke Ke'ena Māka'i                                | \$301,800          |
| Makahiki  | 5                  |
| <b>Huina Ho'olako Kālā Pili i ka 'Ai'ē me ka Nui e Lawa Ai, 2007-2012</b> | <b>\$1,508,998</b> |

Kumu: CAFR 'ao'ao 95 M'A 2012

me ko ke Ke'ena Māka'i hapa o ka 'ai'ē mai Pākaukau D.2

Ma ke kālailai 'ana i ka 'ikepili mo'owaiwai a 'auhau e hō'ike ai i ka loa'a 'ana o ka 14% o nā loa'a kālā 'auhau waiwai ma muli o nā kuleana 'āina hakahaka ma loko o ke Kalana. He 79% o nā kālā loa'a Kumu Kālā Laulā nā 'auhau waiwai. Ho'ohana 'ia ia mau pākēnaka 'elua no ka ho'oholo 'ana i nā kumu hō'ai'ē no nā ho'oka'a 'auhau waiwai i hala, 'ane'ane he \$5 o ka EDU (Pākaukau 8.6).

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 8.6 Ke Kumu Hō'ai'ē 'Auhau Waiwai i Hala Māka'i

|   |                    |
|---|--------------------|
| Pākēneka o ke kumu kālā laulā mai nā 'auhau waiwai mai, M'A 2007-2012   | 79%                |
| Pākēneka o nā 'auhau waiwai mai nā 'āina hakahaka mai 2012  | 14%                |
| Pākēneka kumu hō'ai'ē no nā ho'oka'a 'auhau waiwai i hala Huina ho'olako kālā kumu kālā laulā ho'opio ahi 2007-2012 | 11%<br>\$1,508,998 |
| Hapa koena 'āina hakahaka o ke kumu kū'ai i hala  | \$168,429          |
| Huina waiwai pani hakahaka ho'opio ahi e kū nei   | \$44,907,971       |
| Pākēneka i ho'oka'a 'ia e ko nā 'āina hakahaka i nā makahiki 'elima nei i hala                                      | 0.38%              |
| Kumu kū'ai māka'i o ka EDU  | \$1,225            |
| <b>Kumu Hō'ai'ē 'Auhau Waiwai i Hala o ka EDU</b>   | <b>\$5</b>         |

Kumu:

Pākēneka o ke kumu kālā laulā mai nā 'auhau waiwai mai - Palapala Hō'ike Nui 'Oihana Kālā Makahiki, pau i ka 2012

Pākēneka o nā 'auhau waiwai mai nā 'āina hakahaka mai ke Ke'ena 'Auhau Waiwai Maoli Ho'olako Kālā o ke Kumu Kālā Laulā me ka nui e lawa ai ka Māka'i mai Pākaukau 8.5

Mai ka MH 2008 a i 2012 he \$34,170 ka helu kūwaena i loa'a i ke Ke'ena Māka'i i ka makahiki (Pākaukau 8.7), a hiki nō paha ke kuhi ka mana'o me ke kūpono no ka mau 'ana o kēia kūlana o ka ho'olako ha'awina kālā i kēia mua aku.

### Pākaukau 8.7 Nā Ha'awina Kālā Māka'i, 2008-2012

| Makahiki  | Mea Ho'olako                             | Kumu Kū'ai       |
|---|--|------------------|
| 2012  | Hāme'a Ho'okolo (2)                      | \$9,782          |
| 2012  | Hāme'a Ana Wikiwiki Laser: Ultralyte (2) | \$6,464          |
| 2011  | Lako Lolo Uila                           | \$98,293         |
| 2011  | Hāme'a Ana Wikiwiki (8)                  | \$15,360         |
| 2011  | Radar (3)                                | \$10,575         |
| 2010  | Hāme'a Ana Wikiwiki (2)                  | \$3,840          |
| 2010  | Mīkini Pa'i Pepa                         | \$1,586          |
| 2009  | Hāme'a Ho'okolo (2)                      | \$8,496          |
| 2009  | Pahu Ho'omalu (2)                        | \$5,026          |
| 2008  | Pahu Pa'i Ki'i (3)                       | \$5,286          |
| 2008  | Pa'a 'Ohenānā                            | \$1,892          |
| 2008  | Hāme'a Ho'okolo                          | \$4,248          |
| <b>Huina Ho'olako Ha'awina Kālā 2008-2012</b>       |  | <b>\$170,848</b> |
| <b>Helu Kūwaena Ho'olako Ha'awina Kālā Makahiki</b> |  | <b>\$34,170</b>  |

Ma ka pu'unaue 'ia 'ana o ka helu kūwaena ho'olako ha'awina kālā makahiki e ka helu 'āpana e kū nei e 'ike ai i ka helu kūwaena ho'olako kālā o ka 'āpana lawelawe. A laila, ho'onui 'ia ia helu e kekahi helu anawaiwai e kū nei i ho'olike ai me ka nui o ka ho'olako kālā mai waho mai e loa'a ai paha i ke Kalana ma nā makahiki 20 e hiki mai ana, no ka ho'olako kālā 'ana i nā lako Māka'i (Pākaukau 8.8), a he \$14 o ka EDU.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 8.8 Ke Kumu Hō'ai'ē Ho'olako Ha'awina Kālā Māka'i

|   |             |
|---|-------------|
| Helu Kūwaena Ho'olako Ha'awina Kālā                     | \$34,170    |
| Makahiki  | 36,656      |
| Nā EDU Ke'ena Māka'i                                    |             |
| Ho'olako Kālā Makahiki o ka EDU                         | \$0.93      |
| Waiwai e kū nei (20 makahiki @ 3.05%)                   | 14.81       |
| <b>Kumu Hō'ai'ē Ho'olako Ha'awina Kālā<br/>o ka EDU</b> | <b>\$14</b> |

Kumu: Ho'olako ha'awina kālā kūwaena makahiki

mai Pākaukau 8.7

Huina EDU Māka'i mai Pākaukau F.6

Pākēnaka Ho'ēmi no ka helu anawaiwai e kū nei mai  
Pākaukau 5.10

Ho'onoho helu 'ia ke kumu kū'ai koena o ka 'āpana lawelawe ma Pākaukau 8.9, ma ka ho'ēmi 'ana i ke kumu kū'ai o ka 'āpana lawelawe ma ka ho'olako ha'awina kālā o kēia mua aku, kumu kū'ai 'ai'ē, me nā kumu hō'ai'ē o nā 'auhau waiwai i hala, a he \$1,147 ke kumu kū'ai koena Māka'i ka hopena.

### Pākaukau 8.9 Nā Kumu Kū'ai Koena Māka'i o ka 'Āpana Lawelawe

|  |                |
|--|----------------|
| Huina Kumu Kū'ai Pani Hakahaka Māka'i o ka EDU | \$1,225        |
| Kumu Hō'ai'ē no ka 'Ai'ē o ka EDU              | \$(116)        |
| Kumu Hō'ai'ē 'Auhau Waiwai i Hala o ka EDU     | \$(5)          |
| Ho'olako Ha'awina Kālā o ka EDU                | \$(14)         |
| <b>Kumu Kū'ai Koena Māka'i o ka EDU</b>        | <b>\$1,090</b> |

### Papa Manawa o ko ka Uku Palena Nui

Ma muli o nā 'ikepili, ke kālailai, me nā kuhikuhi 'ana, aia ma Pākaukau 8.10 ka palenu nui o nā uku hopena Ke'ena Māka'i

### Pākaukau 8.10 Ka Papa Manawa Kumu Kū'ai Koena Māka'i

| Ho'ohana 'Āina  | 'Āpana<br>EDU/'Āpana | Kumu Kū'ai<br>Koena/EDU | Kumu Kū'ai<br>Koena/"Āpana |
|-----------------|----------------------|-------------------------|----------------------------|
| 'Ohana-Ho'okahi | Hale Noho            | 1                       | \$1,090                    |
| 'Ohana-Lau      | Hale Noho            | 0.49                    | \$1,090                    |
| Hōtele/Mōtele   | Lumi Noho            | 0.46                    | \$1,090                    |
| 'Oihana Kālepa  | 1,000 KH             | 0.92                    | \$1,090                    |
| 'Oihana Kāpili  | 1,000 KH             | 0.45                    | \$1,090                    |

Kumu: Nā EDU mai Pākaukau F.6

Kumu Kū'ai Koena mai Pākaukau

8.10

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Papahana Ho'oponopono Ko'iko'i

Noi mai ko ke Kalana CIP 6-Makahiki i nā \$8 miliona no ka ho'oponopono kūkulu ho'olako māka'i (Pākaukau 8.11). No nā papahana ho'onui hiki wale nō e hiki ai ke ho'ohana 'ia ka ho'olako kālā uku hopena. 'O nā papahana 'elua i helu 'ia e ka CIP, 'a'ole lāua he hapa o ka ho'ono ho'elua i ke kūpuna kū'ai o ka uku hopena kūkulu ho'olako e kū nei, ua hiki nō paha ke loa'a ka ho'olako kālā uku hopena iā lāua ka ma ko lāua 'ano papahana ho'onui hiki.

#### Pākaukau 8.11 Ka Polokalamu Ho'oponopono Māka'i Ko'iko'i

| Papahana                           | Huina Kumukū'ai    | Hapa e loa'a ai ka uku hopena |
|------------------------------------|--------------------|-------------------------------|
| Ko Kawaihau Hale Māka'i Kūlalo     | \$5,000,000        | \$5,000,000                   |
| Ko Kōloa-Po'ipū Hale Māka'i Kūlalo | \$3,000,000        | \$3,000,000                   |
| <b>Huina</b>                       | <b>\$8,000,000</b> | <b>\$8,000,000</b>            |

Kumu: ko ke Kalana Polokalamu Ho'oponopono Ko'iko'i 'Eono Makahiki, 2013.

### Panina

Konokono 'ia ka ka ho'ouku 'ana i kekahi uku hopena Māka'i ma ke 'ano he mea e loa'a ai ke kumu kālā e lawa ai inā pono ke pani hakahaka 'ia kahi hale kūlalo. 'O ka mea ma'a mau, 'a'ole paha hiki ke loa'a ka ho'olilo kālā uku hopena i nā kūkulu ho'olako pani hakahaka, ua hiki nō na'e ke loa'a i nā papahana pani hakahaka hale kūlalo 'elua, no ka mea, 'a'ole lāua i helu pū 'ia ma ka mo'owaiwai e kū nei me ka ho'ono ho'elua uku hopena paha no ka Māka'i. Ma ko lāua ho'oku'u 'ia 'ana e emi ai ka uku hopena i hiki ke loa'a; eia na'e, pēlā e hiki ai ke ho'ohana 'ia nā uku hopena no ia mau papahana Māka'i CIP 'elua.



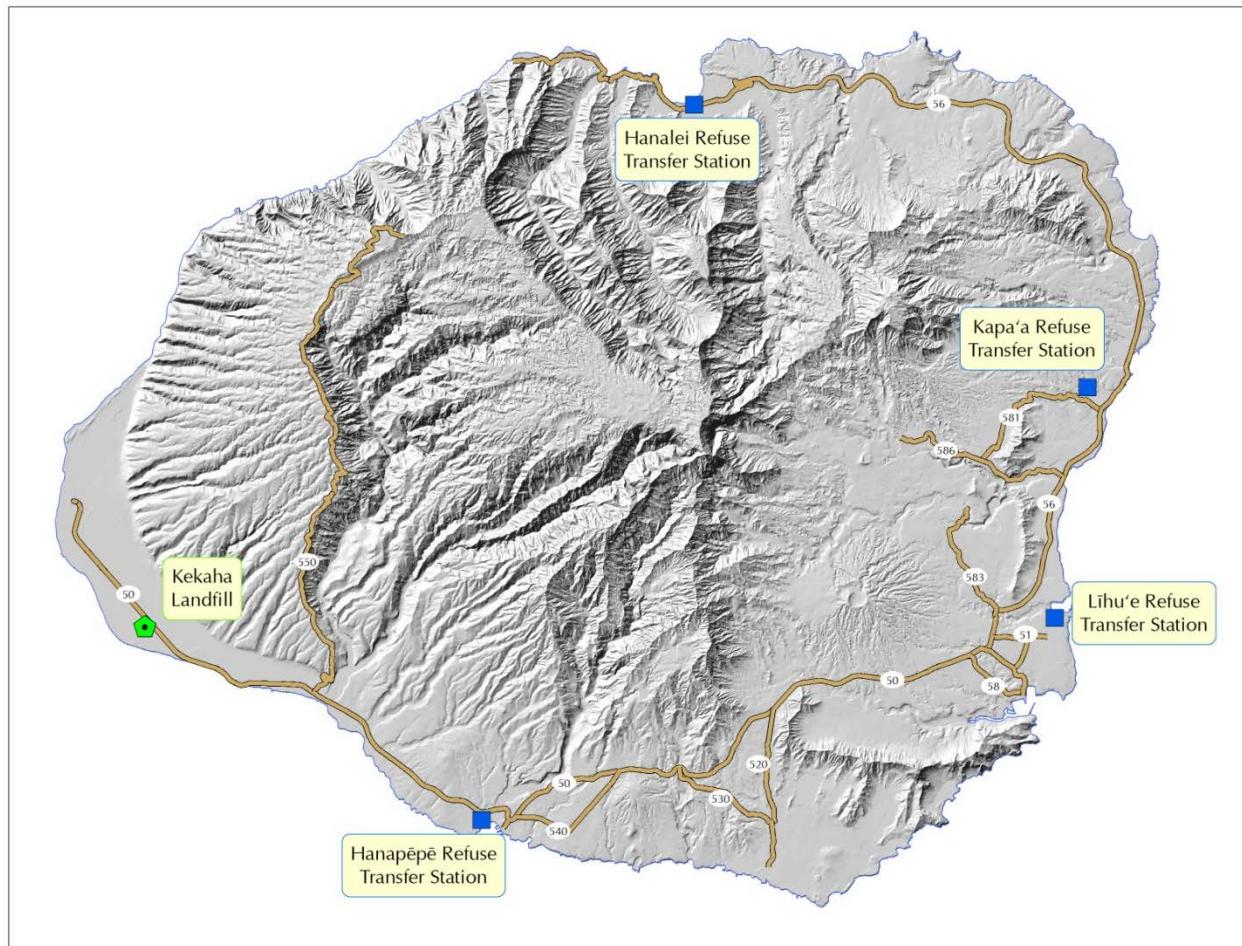
## KALANA O KAUĀ'I

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### 9.0 'ŌPALA PA'A

Aia ka lawelawe ho'olilo 'ōpala pa'a ma ho'okahi kahua ho'āhu 'ōpala a 'ehā mau kahua ho'oili 'ōpala. Lawa ko ka mokupuni holo 'oko'a i ko Kekaha kahua ho'āhu 'ōpala, a 'ane'ane piha'ū ia. Ke ho'olālā 'ia nei ka Ho'olō'ihi 'ia 'ana ma lalo a i luna o ke kahua ho'āhu 'ōpala e kū nei i mea e loa'a ai he 'elima hou aku makahiki o ka lawelawe, a ke 'imi 'ia nei ka hana e hō'ākea 'ao'ao 'ia ai ke kahua ho'āhu 'ōpala e kū nei, me nā wahi o ia 'ano kahua hou.

'Ehā kahua ho'oili 'ōpala, ho'okahi ma Hanalei, me Hanapēpē, me Kapa'a, a me Līhu'e. Ke waiho pū nei ko Līhu'e kahua ho'oili 'ōpala me ke Kikowaena Lako o Kauā'i, nāna e lawelawe i ka ho'ēmi 'ōpala me nā polokalamu ho'opō'aiapuni no ko ka mokupuni mau kama'āina a 'oihana ho'i.



Ki'i 9.1 Kahi o nā Kahua Ho'āhu 'Ōpala a Ho'oili 'Ōpala

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

E loioli mahina 'ia nā kama'āina e noho nei i nā hale nohona 'ohana ho'okahi ('a'ole i ka hale papa'i a ke'ena noho paha) ma ka Loiloiloi 'Ohi 'Ōpala Nohona Kupa (RRCA) i ho'omaka 'ia i Iulai 2011. He \$6 o ka mahina ke kumu loioli no nā hale nohona 'ohana ho'okahi a pau loa a uku ho'i ka po'e i koho i ko ke Kalana 'ohi 'ōpala (ma kahi o ko ka hale halihali pono'i) he \$6 keu o ka mahina. I ka RRCA e lawa ai kekahihapa wale nō o nā kumu kū'ai hana a mālama ho'i, 'a'ole na'e i lawa iā ia ka ho'olako kālā no nā ho'oponopono ko'iko'i.

Ho'ouku pū ke Kalana i kekahihapa uku lawelawewe i ka po'e halihali o ka 'oihana kālepa, na ia uku e ho'olako kālā i nā kumu kū'ai kahua ho'āhu 'ōpala. Ma kahi o \$6 miliona o ka makahiki nā uku lawelawewe kūkulu ho'olako ho'olilo 'ōpala me ko ka RRCA huina nui. He \$13 miliona ka mo'ohelu kālā ho'opuni i nā mea a pau, ho'ohana 'ia ko ke Kalana mau kālā o ke Kumu Kālā Laulā i mea e lawa ai nā kumu kū'ai i nā uku i 'ohi 'ia. Inā ho'oholo ke Kalana e hānai i ka Uku Hopena 'Ōpala Pa'a, e pono ke hō'opia ia i kona ho'ouku pālua 'ana i nā kumu kū'ai CIP. Ma ka uku lawelawewe nō paha e lawa ai kekahihapa i nā ho'olako kālā ho'oponopono ko'iko'i 'ōpala pa'a, a inā nō pēlā, e pono ke ho'ēmi 'ia ka uku lawelawewe, me ka ho'okumu 'ana i ka uku hopena 'Ōpala Pa'a.

### Ka Loiloiloi 'ia me nā 'Āpana Makepono

Ma muli o ke kahua ho'āhu 'ōpala ho'okahi, e pili ana nō ka pūnaewele ho'olilo 'ōpala pa'a me ia iho, a ho'ono ho helu 'ia ho'okahi wale nō uku hopena no ka mokupuni holo 'oko'a.

### Nā 'Āpana Lawelawewe

No ka ho'ono ho helu 'ana i ko ka 'ōpala pa'a kūlana o ka lawelawewe e kū nei me ko ka uku hopena palena nui, ho'ohana 'ia nā 'Āpana Ho'oloa'a 'Ōpala (WGU). Ana ka WGU ma wawena o nā 'āpana lawelawewe ('ohana ho'okahi, 'oahan lau, hōtele/mōtele, 'oihana kālepa, a 'oihana kāpili). Pēia e 'ike 'ia ka 'oka'a o ka nui o ka 'ōpala e loa'a, me ka loa'a pū o kahi 'ano ho'okahi e ana 'ia ai no ka pu'unaue 'ana ma nā kumu kū'ai ho'opuni o ka lawe 'ana mai i ke kūlana o ka lawelawewe e kū nei.

'O ka mahele hana mua e 'ike 'ia ai ka WGU, 'o ia ke kaulona 'ana i nā kumu o ka ho'olilo 'ōpala e kū nei, e la'a ko ka nohona kupa me ko ka 'oihana kālepa. E nānā 'ia ka helu kūwaena o nā 'ikepili ma nā makahiki 'elima i loa'a mai ai, 45% no ka nohona kupa a 55% no ka 'oihana kālepa (Pākaukau 9.1). Na kēia pākaukau ho'i e hō'ike i ka pākēnēka ho'opa'apū no ka ho'ohuli 'ana ma waena o nā kana (kaumaha) me nā iā pa'a'ili ono (lō'ahi), e ho'ohana 'ia no ka helu 'ana i ke koena hakahaka o ke kahua ho'āhu 'ōpala.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 9.1 Ho'olilo 'Elima-Makahiki: Nohona Kupa a 'Oihana Kālepa

| 'Ano Halihali  | 2008    | 2009    | 2010    | 2011    | 2012    | Total   | Kūwaena | Pākēnaka |
|--|---------|---------|---------|---------|---------|---------|---------|----------|
| <b>Nohona Kupa</b>   | 34,512  | 32,530  | 31,560  | 32,511  | 32,545  | 163,658 | 32,732  | 45%      |
| <b>'Oihana Kālepa</b>  | 47,961  | 39,442  | 38,337  | 37,721  | 40,361  | 203,822 | 40,764  | 55%      |
| <b>Huina (Kana)</b>  | 82,473  | 71,972  | 69,897  | 70,232  | 72,906  | 367,480 | 73,496  |          |
| <b>Huina o ka Nui<br/>(Iā Pa'a'ili Ono)</b>                    | 120,886 | 109,048 | 107,534 | 106,412 | 140,203 | 584,083 | 116,817 |          |
| <b>Pākēnaka<br/>Ho'opa'apū<br/>(paona/iā pa'a'ili<br/>ono)</b> | 1,364   | 1,320   | 1,300   | 1,320   | 1,040   | 1,258   | 1,258   |          |

Kumu: Ka leka uila pū 'ana me ko ke Ke'ena 'Ōpala Pa'a palapala mo'olelo, 2013. Komo i kā ho'olilo nohona kupa nā hale nohona 'ohana ho'okahi, nona ka 'ohi 'ana, me ka po'e nāna e uku i ke kumu loiho wale nō. Komo i ka ho'olilo 'oihana kālepa, ko ka 'oihana kālepa halihali pono'i i nā kahua ho'oili me ka po'e halihali ma lalo o ka 'aelike (hale nohona 'ohana lau, 'oihana kālepa, 'oihana kāpili, me nā 'āpana hōtele nui a hōtele/mōtele ho'i).

Ho'okahi nō mahele e helu 'ia e ke kō 'ōpala halihali nohona kupa, 'o ia ho'i ka mahele hale 'ohana ho'okahi; komo nā hale nohona 'ohana lau (ke'ena noho/hale papa'i) i ka mahele 'ōpala 'oihana kālepa. Ho'ohuli 'o Pākaukau 9.2 i ke kō 'ōpala nohona kupa/'ohana ho'okahi i ka helu iā pa'a'ili ono kūwaena makahiki o ka hale nohona 'ohana ho'okahi.

### Pākaukau 9.2 Nā Pākēnaka 'Ōpala Makahiki 'Ohana Ho'okahi

| 'Ano Halihali Nohona Kupa      | MH ho'olilo (kana) | 'Āpana Lawelawe | 'Ano 'Āpana | Dwellings | # kūwaena | MH ho'olilo (iā pa'a'ili ono) | Nui loa'a MH o ka 'āpana lawelawe (iā pa'a'ili ono) |
|--------------------------------|--------------------|-----------------|-------------|-----------|-----------|-------------------------------|---|
|                                |                    |                 |             |           |           |                               |   |
| Ho'ohana 'Āina 'Ohana Ho'okahi |                    | 32,732          | 24,648      | Dwellings | 52,025    |                               | 2.1   |

Kumu:

Kana nohona kupa mai Pākaukau 9.1

Nā 'Āpana Lawelawe mai Pāku'ina F

Helu ho'ohuli mai ke kana i ka iā pa'a'ili ono mai Pākaukau 9.1

Komo i nā 'ikepili ho'olilo halihali 'oihana kālepa ko ka 'oihana kālepa halihali pono'i i nā kahua ho'oili me ka po'e halihali ma lalo o ka 'aelike o ka 'oihana kālepa, kāpili, hale nohona 'ohana lau, me nā pilawai hōtele/mōtele. Ho'okāpili 'ia i nā mahele 'ano ho'ohana 'āina ka mahele laulā 'oihana kāpili e loa'a ai ka 'ōpala. 'Oiai 'a'ohē 'ike ho'oka'awale li'ili'i o ke Kalana e pili ana i ia mau kō 'ōpala like 'ole, ua ho'ohana 'ia nā 'ikepili ho'oloa'a 'ōpala mai ko nā mokupuni 'ē a'e, i ho'oholo 'ia ai ka nui o ka 'āpana lawelawe ho'ohana 'āina i ka makahiki. A laila i kau 'ia ai nā pākēnaka koho o nā kō ho'oloa'a 'ōpala ma nā kana ho'olilo halihali 'oihana kālepa.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 9.3 Nā Pākēnēka Ho'oloa'a 'Ōpala Halihali 'Oihana Kālepa

| 'Ano Halihali<br>'Oihana<br>Kālepa /<br>Ho'ohana<br>'Āina |        | #<br>kūwaena<br>MH<br>ho'olilo<br>(kana) | 'Āpana<br>Lawelawe | 'Ano<br>'Āpana | Nui koh<br>o ka<br>loa'a o ka<br>'āpana<br>(paona) | Nui koho<br>e<br>loa'a<br>makahiki<br>(kana) | % koho o<br>ke kō<br>'ōpala | Nui o ka<br>'ōpala e<br>loa'a<br>makahiki<br>mai ka %<br>(kana) | Nui loa'a<br>MH o ka<br>'āpana<br>lawelawe<br>Ho'olilo<br>koh (iā<br>pa'a'ili<br>ono) |
|---|--------|--|--------------------|----------------|--|--|-----------------------------|---|---|
| Huina   | 40,764 |  |                    |                |  |  |                             |   | -   |
| 'Ohana-lau  |        | 5,241                                    | Dwellings          | 5.1            | 4,878  | 13%  | 5,338                       | 8,485   | 1.6   |
| Hōtele/Mōtele<br>Hōtele Nui                               |        | 8,289                                    | Rooms              | 3.2            | 4,841  | 13%  | 5,298                       | 8,420   | 1.0   |
| 'Oihana<br>Kālepa   |        | 4,724                                    | 1,000 SF           | 17.6           | 15,166   | 41%  | 16,598                      | 26,381  | 5.6   |
| 'Oihana Kāpili  |        | 2,832                                    | 1,000 SF           | 23.9           | 12,364   | 33%  | 13,531                      | 21,506  | 7.6   |

Kumu:

Ho'olilo Makahiki mai Pākaukau 9.1; Nā 'Āpana Lawelawe mai Pākaukau F.6

Nui koho o ka 'ōpala e loa'a o ka 'āpana mai ko ka CalRecycle pākēnēka koh ho'oloa'a 'ōpala pa'a mai nā kumu like 'ole.

'O ka nui koho o ka 'ōpala loa'a makahiki o ka 'āpana ho'onui 'ia e 365 a pu'unaue 'ia e 2,000 paona/kana

Aia ka % koho o ke kō 'ōpala i ka nui koho o ka 'ōpala loa'a makahiki

'O ka nui koho o ka 'ōpala loa'a makahiki, 'o ka pākēnēka o ke kō 'ōpala ia e ho'onui 'ia e ka Huina Kūwaena Makahiki o nā kana ho'olilo

Ho'onoho helu 'ia nā 'Āpana Ho'oloa'a 'Ōpala o ka 'Āpana Lawelawe ma Pākaukau 9.4 a lawe mai i ke 'ano kūmau e ana 'ia ai no ka ho'onoho helu 'ana i ke kumu kū'ai o ka 'āpana lawelawe.

### Pākaukau 9.4 Nā 'Āpana Ho'oloa'a 'Ōpala

| 'Āpana Lawelawe<br>'Āpana e kū |        | Nui o ka<br>'āpana<br>lawelawe MH<br>(iā pa'a'ili<br>ono) | 'Āpana<br>ho'oloa'a 'ōpala<br>(WGU)/'Āpana<br>lawlawe | Huina WGU |
|--------------------------------|--------|---|---|-----------|
| 'Ohana Ho'okahi                | 24,648 | Dwellings   | 2.1   | 1         |
| 'Ohana Lau                     | 5,241  | Dwellings   | 1.6   | 0.8       |
| Hōtele/Mōtele                  | 8,289  | Rooms   | 1.0   | 0.5       |
| 'Oihana Kālepa                 | 4,724  | 1,000 SF  | 5.6   | 2.6       |
| 'Oihana Kāpili                 | 2,832  | 1,000 SF  | 7.6   | 3.6       |
| Huina WGU                      |        |   |   | 55,346    |

Kumu:

Nā 'āpana e kū nei mai Pākaukau F.6

Iā pa'a'ili ono o ka 'Āpana Lawelawe mai Pākaukau 9.2 & 9.3

Ho'onoho helu 'ia na WGU/'Āpana e like me nā 'āpana lawelawe 'ohana ho'okahi

Ho'onoho helu 'ia ka Huina WGU e ka ho'onui 'ana i nā 'Āpana e kū neu me nā 'Āpana Ho'oloa'a 'Ōpala / 'Āpana Lawelawe

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Kumu Kū'ai o ka 'Āpana Lawelawe

Komo nā mea 'elua i ke kumu kū'ai o ka 'āpana lawelawe: 1) nā kumu kū'ai ho'olilo hiki ke 'ai 'ia ('o ia ho'i, pili i ke kahua ho'āhu 'ōpala) a 2) nā kumu kū'ai ko'iko'i 'ē a'e ('o ia ho'i, nā kahua ho'oili 'ōpala).

No ka ho'onoho helu 'ana i nā kumu kū'ai ho'olilo hiki ke 'ai ia, ko'iko'i maoli ka 'ike 'ana i ke koena hakahaka me ka lō'ihī o ka wā koena o ke kahua ho'āhu 'ōpala. E hō'ike 'o Pākaukau 9.5 i ka nui e piha'ū ai ke kahua ho'āhu 'ōpala o ke kahua e kū nei me ka kūkulū Ho'olō'ihī mai lalo a'e e holo nei. Ma muli o ke koena hakahaka me ka Ho'olō'ihī mai lalo a'e o ke kahua ho'āhu 'ōpala e kū nei, me ka pu'unaue 'ia 'ana o lāua 'elua e ka nui kūwaena makahiki a ke kahua e ho'ohana 'ia, ho'onoho helu 'ia nā makahiki koe no kēlā me kēia.

### Pākaukau 9.5 Ka Nui e Piha'ū ai ke Kahua Ho'āhu 'Ōpala

| Kahua Ho'āhu 'Ōpala e kū nei   |           |
|--|-----------|
| Huina Piha'ū Kahua Ho'āhu 'Ōpala me ka 'ole o ka Ho'olō'ihī Mai Lalo A'e (iā pa'a'ili ono) | 2,487,513 |
| Koena Hakahaka   |           |
| Ianuali 2013 Hō'ākea 'Ao'ao Wahi o ka Cell 1(iā pa'a'ili ono)                              | 134,000   |
| Nui Keu e Lawa ai o ke kahua ho'āhu e kū nei ma ke 'ano Pākēnēka                           | 5.4%      |
| Helu Kūwaena Makahiki e ho'ohana 'ia ai ke kahua ho'āhu (iā pa'a'ili ono)                  | 116,817   |
| Ka wā i koe ma nā kahua ho'āhu (makahiki)  | 1.1       |
| Ka Ho'olō'ihī 'Ana mai lalo a'e  |           |
| Ka nui e lawa ai i pāku'i 'ia ke pau ka hō'ākea 'ao'ao (i M'A14) (iā pa'a'ili ono)         | 656,000   |
| Helu Kūwaena Makahiki e ho'ohana 'ia ai ke kahua ho'āhu (iā pa'a'ili ono)                  | 116,817   |
| Ka wā i koe ke pau ka hō'ākea 'ao'ao (makahiki)  | 5.6       |
| Huina Wā Koe (makahiki)  |           |
|  | 6.8       |

Kumu:

Ka nui e lawa ai, e kū nei, e koe nei me ka ho'olō'ihī mai lalo a'e, mai ka 'ōlelo pū 'ana me ko ke Kalana Ke'ena 'Ōpala Pa'a, 2013

Nui Kūwaena Makahiki o ke Kahua Ho'āhu 'Ōpala mai Pākaukau 9.1

Ho'oka'awale hou 'ia aku ke kumu kū'ai ho'olilo hiki ke 'ai 'ia ma nā mahele 'elua: nā kumu kū'ai kahua ho'āhu 'ōpala me nā kumu kū'ai kanu.

Komo i nā kumu kū'ai kahua ho'āhu 'ōpala nā kumu kū'ai ko'iko'i a pau i ho'okumu 'ia aku ai ke kahua ho'āhu 'ōpala, e la'a ke kahua pauma, hale scale, 'ōnaehana leachate, me ka waiwai 'āina (Pākaukau 9.6).

## KALANA O KAUAI

Palapala Ho'ike Nele o ke Kukululoko a Kukulu Ho'olako no ka Lehulehu

**Table 9.6 Nā Kumu Kū'ai Kahua Ho'āhu 'Ōpala**

| Waiwai   | Kumu kū'ai<br>Kūkulu a 'Āina | Makahiki i<br>kūkulu 'ia ai | Waiwai Pani<br>Hakahaka (waiwai o<br>ke kūkulu e kū nei) |
|--|------------------------------|-----------------------------|--|
| Kahua Pauma Wai Mānalo 'ole Hale Ho'oponopono Kahua Ho'āhu 'Ōpala            | \$326,203                    | 1993                        | \$582,783  |
| Hale Kū'ai Mālama Kahua Ho'āhu 'Ōpala  | \$571,793                    | 1993                        | \$1,021,545  |
| Hale Kū'ai Mālama Kahua Ho'āhu 'Ōpala  | \$596,997                    | 1993                        | \$1,066,574  |
| Kahua Pauma Wahie  | \$39,124                     | 1993                        | \$69,898   |
| Scalehouse Kahua Ho'āhu 'Ōpala Phase II Kūkulu i koe 'Onaehana Leachate Mods | \$310,263                    | 1993                        | \$554,305  |
| Waiwai 'Āina   | \$4,192,075                  | 1993                        | \$7,489,412  |
|  | \$915,424                    | 2011                        | \$939,445  |
|  | \$1,364,200                  | na                          | \$1,364,200  |
| <b>Huina</b>   | <b>\$8,316,079</b>           |                             | <b>\$13,088,160</b>                                      |

Kumu:

Nā kumu kū'ai kūkulu/'āina mai ka leka uila pū 'ana me ke Ke'ena 'Ōpala Pa'a, 2013  
Ho'onoho helu 'ia ka waiwai pani hakahaka e ka Papa Kuhikuhi Kumu Kū'ai Kūkulu Hale ENR,  
Kekemapa 2013

Ho'olaha 'ia ia mau kumu kū'ai i lo'ohia ma ka huina o ka piha'ū e lawa ai ke kahua ho'āhu 'ōpala, 'o ka ho'olō'ihi 'ana mai lalo a'e, pēlā pū me ka hō'ākea 'ao'ao 'ana, ha'i 'ia ma ka iā pa'a'ili ono. He \$3.30 o ka iā pa'a'ili ono ke kumu kū'ai kahua ho'āhu 'ōpala (Pākaukau 9.7).

### **Pākaukau 9.7 Ke Kumu Kū'ai Kahua Ho'āhu 'Ōpala o ka Iā Pa'a'ili Ono**

|  |              |
|--|--------------|
| Kumu Kū'ai Kahua Ho'āhu                  | \$13,088,160 |
| Nui e Piha ai ia Kahua (iā pa'a'ili ono) | 3,960,513    |
| Huina kumu kū'ai o ka iā pa'a'ili ono    | \$3.30       |

Kumu:

Kumu kū'ai 'Āina & Waiwai Pa'a mai Pākaukau 9.6  
Nui e Piha ai ke Kahua Ho'āhu 'Ōpala (iā pa'a'ili ono) mai Pākaukau 9.5 & 9.8

Komo i nā kumu kū'ai kanu nā kumu kū'ai a pau pili i ke kūkulu kū'ono, a no kēia palapala hō'ike uku hopena, ho'ohana 'ia nā kumu kū'ai lihilihi o ka hō'ākea 'ao'ao i loa'a mai ai ke kumu kū'ai o ka iā pa'a'ili ono (Pākaukau 9.8).

### **Pākaukau 9.8 Kumu Kū'ai Lihilihi no ke Kanu 'Ana o ka Iā Pa'a'ili Ono (IPO)**

|  |              |
|--|--------------|
| Kumu kū'ai no ka hō'ākea 'ao'ao 'ana                       | \$14,500,000 |
| Nui e piha ai ka hō'ākea 'ao'ao 'ana                       | 817,000      |
| Nui e lawa ai ko ke kanu 'ana kumu kū'ai lihilihi o ka IPO | \$17.75      |

Kumu:

Kumu kū'ai & Nui no ka Hō'ākea 'ao'ao 'ana mai ka leka uila pū 'ana me ko ke Kalana Ke'ena 'Ōpala Pa'a, 2014

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

No ka ho'onooho helu 'ana i ka waiwai o ke koena hakahaka i lawelawe 'ia ai ka po'e ho'ohana e mau nei, a no laila e 'ike 'ia ai ke kūlana o ka lawelawe e kū nei, ho'onui 'ia ke kumu kū'ai o ka iā pa'a'ili ono me ka wā i koe (Pākaukau 9.9). No nā kumu kū'ai kahua ho'āhu 'ōpala a kanu ho'i, he 6.8 makahiki i koe e ho'ohana 'ia ai ke kūkululoko o ke kahua ho'āhu 'ōpala e kū nei.

### Pākaukau 9.9 Ke Kumu Kū'ai o ka Iā Pa'a'ili Ono i hiki ke 'ai 'ia

|  |         |
|--|---------|
| Kumu kū'ai kahua ho'āhu o ka IPO         | \$3.30  |
| Kūlana o ka Lawelawe e kū nei (makahiki) | 6.8     |
| Kumu kū'ai kūlana o ka lawelawe o ka IPO | \$22.35 |

|  |          |
|--|----------|
| Kumu kū'ai kanu o ka IPO                 | \$17.75  |
| Kūlana o ka Lawelawe e kū nei (makahiki) | 6.8      |
| Kumu kū'ai kūlana o ka lawelawe o ka IPO | \$120.02 |

|                                     |          |
|-------------------------------------|----------|
| Kumu Kū'ai o ka IPO hiki ke 'ai 'ia | \$142.37 |
|-------------------------------------|----------|

Kumu:

Kumu kū'ai kahua ho'āhu o ka IPO mai Pākaukau 9.7

Kumu kū'ai kanu o ka IPO mai Pākaukau 9.8

Kūlana o ka Lawelawe, 'o ke koena e piha'ū ai, mai Pākaukau 9.5

'O ke kumu kū'ai hiki ke 'ai 'ia ka huina nui o nā kumu kū'ai kahua ho'āhu 'ōpala a kanu o ka IPO pū

Ho'onooho helu 'ia nā kumu kū'ai hiki ke 'ai 'ia o ka WGU e ka ho'ohuihui 'ana i nā kumu kū'ai hiki ke 'ai 'ia o ka IPO, a me ka ho'onui 'ana iā ia me ka helu makahiki iā pa'a'ili ono i loa'a o ka WGU, e loa'a ai he \$300.50 o ka WGU ke kumu kū'ai (Pākaukau 9.10).

### Pākaukau 9.10 Nā Kumu Kū'ai Hiki ke 'Ai 'ia o ka IPO e Piha'ū ai

#### Kumu Kū'ai hiki ke 'ai 'ia o ka WGU

|                                     |          |
|-------------------------------------|----------|
| Kumu Kū'ai o ka IPO hiki ke 'ai 'ia | \$142.37 |
| Helu Makahiki IPO o ka WGU          | 2.1      |
| Kumu Kū'ai hiki ke 'ai 'ia o ka WGU | \$300.50 |

Kumu:

Kumu Kū'ai o ka IPO mai Pākaukau 9.9

5-Makahiki IPO o ka WGU mai Pākaukau 9.4

Helu papa 'ia nā kumu kū'ai ko'iko'i 'ē a'e, a nā kumu kū'ai hiki 'ole ke 'ai 'ia paha, ma Pākaukau 9.11, a helu pū lākou i nā kahua ho'oili 'ōpala me ke Kikowaena Lako o Kaua'i.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 9.11 Nā Kumu Kū'ai Ko'iko'i 'Ē A'e

| Kahua Ho'oili 'Ōpala                              | Laula<br>'Āina<br>('eka) | Waiwai 'Āina       | Waiwai Pani<br>Hakahaka Kūkulu<br>Ho'olako | Huina Waiwai        |
|---|--------------------------|--------------------|--|---------------------|
| Hanalei   | 1.45                     | \$556,800          | \$4,500,000                                | \$5,056,800         |
| Hanapēpē  | 5.00                     | \$749,800          | \$4,500,000                                | \$5,249,800         |
| Kapa'a  | 12.45                    | \$583,800          | \$4,500,000                                | \$5,083,800         |
| Līhu'e (lāua pū me ke Kikowaena<br>Lako o Kaua'i) | 4.46                     | \$2,450,300        | \$4,500,000                                | \$6,950,300         |
| <b>Huina</b>                                      |                          | <b>\$4,340,700</b> | <b>\$18,000,000</b>                        | <b>\$22,340,700</b> |

Kumu:

Nā waiwai 'āina a kūkulu ho'olako mai ka leka uila pū 'ana me ke Ke'ena 'Ōpana Pa'a, 2013

Pu'unaue 'ia nā kumu kū'ai ko'iko'i 'ē a'e e ka huina 'āpana WGU i loa'a ai ke kumu kū'ai ko'iko'i o ka WGU (Pākaukau 9.12).

### Pākaukau 9.12 Nā Kumu Kū'ai Ko'iko'i 'Ē A'e o ka WGU

|                                  |              |
|----------------------------------|--------------|
| Huina kumu kū'ai ko'iko'i 'ē a'e | \$22,340,700 |
| Huina WGU                        | 55,346       |
| Kumu kū'ai o ka WGU              | \$403.66     |

Kumu:

Huina kumu kū'ai ko'iko'i 'ē a'e mai Pākaukau 9.11

Nā WGU mai Pākaukau 9.4

Ho'ohuihui pū 'ia nā kumu kū'ai hiki ke 'ai 'ia me nā kumu kū'ai ko'iko'i 'ē a'e o ka WGU i loa'a ai ka huina kumu kū'ai o ka WGU (Pākaukau 9.13).

### Pākaukau 9.13 Huina Kumu Kū'au o ka 'Āpana Ho'oloa'a 'Ōpala (WGU)

|                                     |                 |
|-------------------------------------|-----------------|
| Kumu kū'ai hiki ke 'ai 'ia o ka WGU | \$300.50        |
| Kumu kū'ai ko'iko'i 'ē a'e o ka WGU | \$403.66        |
| <b>Huina Kumu Kū'au o ka WGU</b>    | <b>\$704.16</b> |

Kumu:

Nā kumu kū'ai hiki ke 'ai 'ia o ka WGU mai Pākaukau 9.10

Nā kumu kū'ai ko'iko'i 'ē a'e o ka WGU mai Pākaukau 9.12

I mea e helu pālua 'ole aku ai i ka ho'oka'a uku o kēia mua aku no ka ho'opau loa 'ana i ka 'ai'ē, ho'owaiwai 'ia ka 'ai'ē e waiho mau ana mai nā kūkulu ho'olako 'ōpala pa'a e kū nei.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 9.14 Ke Kumuhō'ai'ē no ka 'Ai'ē

|  |              |
|--|--------------|
| Huina Loina no ka 'ai'ē e waiho mau ana<br>'Āpana Ho'oloa'a 'Ōpala | \$16,440,051 |
| Kumu Hō'ai'ē no ka 'Ai'ē 'Ōpala Pa'a o ka<br>WGU                   | 55,346       |
|  | \$297        |

Kumu:

Huina Loina no ka 'ai'ē e waiho mau ana mai Pākaukau D.2 me  
ka pākēnēka ho'ēmi i ka nui keu e piha'ū ai ke kahua ho'āhu  
'ōpala (Pākaukau 9.5)

Nā 'Āpana Ho'oloa'a 'Ōpala mai Pākaukau 9.4

Koi 'ia he kumu hō'ai'ē keu no ka hapa o nā 'auhau waiwai i hala mai nā 'āina hakahaka mai i  
ho'oka'a 'ia no nā kūkulu ho'olako ko'iko'i. He hō'ailona ia kumu hō'ai'ē no ka waiwai ma nā  
makahiki 'elima nei i hala o nā 'auhau waiwai ho'oka'a 'ia e nā 'āina hakahaka no nā kūkulu  
ho'olako ko'iko'i i ho'olako kālā 'ia ma o ke kumu kālā laulā.

Ua ho'olako kālā 'ia ka hapa nui o nā papahana ho'onui piha'ū ma o ko ke Kalana mau pona  
'Ai'ē Laulā (GO). He \$6.8 miliona ka loina koho makahiki me nā uku kuala ma ka 'ai'ē e waiho  
a kū mau nei nō no ka 'Ōpala Pa'a ma nā makahiki 'elima i hala nei (Pākaukau 9.15).

### Pākaukau 9.15 Huina Ho'olilo Kālā a ke Kumukālā Laulā, 2007-2012

|   |                    |
|---|--------------------|
| Lawelawe Makahiki 'Ai'ē Pona GO, 6-30-12                | \$8,327,781        |
| Ko ka 'Ōpala Pa'a Hapa o ka Huina 'Ai'ē e waiho mau ana | 15%                |
| Lawelawe 'Ai'ē 'Ōpala Pa'a Makahiki                     | \$1,230,373        |
| Makahiki  | 5                  |
| Huina Piha'ū Pili 'Ai'ē 2007-1012                       | \$6,151,867        |
| Ho'olilo kālā pololei a ke Kumukālā Laulā, 2007-21012   | \$681,372          |
| <b>Huina Ho'olilo Kālā Kumukālā Laulā, 2007-2012</b>    | <b>\$6,833,239</b> |

Kumu:

CAFR M'A2012 'ao'ao 95 me ko ka 'Ōpala Pa'a Hapa o ka 'Ai'ē mai Pākaukau Table D.1  
Ho'olilo kālā pololei a ke Kumukālā Laulā mai ka leka uila pū 'ana me ke 'Oihana Kālā,  
2013

Ma ke kālailai 'ana i ka 'ikepili mo'owaiwai a 'auhau e hō'ike ai i ka loa'a 'ana o ka 14% o nā  
loa'a kālā 'auhau waiwai ma muli o nā kuleana 'āina hakahaka ma loko o ke Kalana. He 79% o  
nā kālā loa'a Kumukālā Laulā nā 'auhau waiwai. Ho'ohana 'ia ia mau pākēnēka 'elua no ka  
ho'oholo 'ana i nā kumu hō'ai'ē no nā ho'oka'a 'auhau waiwai i hala, 'ane'ane he \$15 o ka EDU  
(Pākaukau 9.16).

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 9.16 Ke Kumu Hō'ai'ē 'Auhau Waiwai i Hala 'Ōpala Pa'a

|  |                           |
|--|---------------------------|
| Pākēneka o ke kumu kālā laulā mai nā 'auhau waiwai mai, M'A<br>2007-2012   | 79%                       |
| Pākēneka o nā 'auhau waiwai mai nā 'aina hakahaka mai 2012   | 14%                       |
| Pākēneka kumu hō'ai'ē no nā ho'oka'a 'auhau waiwai i hala<br>Huina ho'olako kālā kumu kālā laulā 'ōpala pa'a 2007-2012 | 11%<br>\$6,833,239        |
| Hapa koena 'aina hakahaka o ke kumu kū'ai i hala<br>Huina waiwai pani hakahaka 'ōpala pa'a e kū nei                    | \$758,077<br>\$35,428,860 |
| Pākēneka i ho'oka'a 'ia e ka 'ōpala pa'a i nā makahiki 'elima nei i<br>hala<br>Kumu kū'ai māka'i o ka WGU              | 2.1%<br>\$716             |
| <b>Kumu Hō'ai'ē 'Auhau Waiwai i Hala o ka WGU</b>  | <b>\$15</b>               |

Kumu:

Pākēneka o ke kumu kālā laulā mai nā 'auhau waiwai mai - Palapala Hō'ike Nui

'Oihana Kālā Makahiki, pau i ka 2012

Pākēneka o nā 'auhau waiwai mai nā 'aina hakahaka mai ke Ke'ena 'Auhau Waiwai Maoli

'O ka huina nui o Pākaukau 9.6 me 9.7 ka Huina Waiwai Pani Hakahaka 'Ōpala Pa'a  
Ho'olako Kālā o ke Kumu Kālā Laulā me ka nui e piha'ū ai ka 'Ōpala Pa'a mai  
Pākaukau 9.15

Huina Waiwai Pani Hakahaka 'Ōpala Pa'a o ka WGU mai Pākaukau 9.9

E ho'onoho helu 'ia ke kumu kū'ai koena e ka lawe 'ia 'ana o nā kumu hō'ai'ē no ka 'ai'ē a me  
nā 'auhau waiwai i hala o ka WGU mai ka huina kumu kū'ai o ka WGU aku (Pākaukau 9.17).

### Pākaukau 9.17 Ke Kumu Kū'ai Koena 'Ōpala Pa'a

|  |              |
|--|--------------|
| Kumu Kū'ai o ka WGU                                  | \$704        |
| Kumu Hō'ai'ē no ka 'ai'ē o ka WGU                    | \$(297)      |
| Kumu Hō'ai'ē 'Auhau Waiwai i Hala o ka<br>WGU        | \$(15)       |
| <b>Kumu Kū'au Koena 'Ōpala Pa'a o ka Net<br/>WGU</b> | <b>\$392</b> |

Kumu:

Kumu Kū'ai o ka WGU mai Pākaukau 9.13

Kumu Hō'ai'ē no ka 'ai'ē o ka WGU mai Pākaukau 9.14

Kumu Hō'ai'ē 'Auhau Waiwai mai Pākaukau 9.16

## Papa Manawa o ko ka Uku Palena Nui

Ma muli o nā 'ikepili, ke kālailai, me nā kuhikuhi 'ana o kēia palapala hō'ike, aia ma Pākaukau 9.18 ka palena nui o nā uku hopena 'ōpala pa'a. Aia nō lākou i ka WGU o ka 'āpana lawelawé me ke kumu kū'ai koena o ka WGU mai ka pākaukau ma mua a'e nei.

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 9.18 Uku Koena o ka 'Āpana Lawelawe

| 'Āpana Lawelawe          | 'Āpana       | WGU/'Āpana | Kumu<br>Kū'ai<br>Koena o ka<br>WGU | Kumu Kū'ai<br>Koena/'Āpana |
|--------------------------|--------------|------------|------------------------------------|----------------------------|
| 'Ohana Ho'okahi          | Hale Noho    | 1.0        | \$392                              | \$392                      |
| 'Ohana-Lau               | Hale Noho    | 0.8        | \$392                              | \$301                      |
| Hōtele/Mōtele Hōtele Nui | Lumi<br>Noho | 0.5        | \$392                              | \$189                      |
| 'Oihana Kālepa           | 1,000 SF     | 2.6        | \$392                              | \$1,037                    |
| 'Oihana Kāpili           | 1,000 SF     | 3.6        | \$392                              | \$1,411                    |

Kumu:

Nā WGU o ka 'Āpana mai Pākaukau 9.4

Kumu Kū'ai Koena o ka WGU mai Pākaukau 9.17

### Papahana Ho'oponopono Ko'iko'i

Aia he \$96 miliona a 'oi a'e ho'i no nā ho'oponopono 'ōpala pa'a i ho'olālā 'ia, me ka helu pū 'ana i ka hō'ākea 'ao'ao 'ana i ke kahua ho'āhu 'ōpala a me kekahi kahua ho'āhu 'ōpala pa'a kiwikā hou (Pākaukau 9.19).

### Pākaukau 9.19 Papahana Ho'oponopono Ko'iko'i 'Ōpala Pa'a

| Papahana                                | Huina | Kumu Kū'ai          | Hapa e loa'a ai<br>ka uku hopena |
|---|-------|---------------------|----------------------------------|
| Hō'ākea 'ao'ao i ke kahua ho'āhu Cell 2 |       | \$14,500,000        | \$14,500,000                     |
| Kahua Ho'āhu 'Ōpala Pa'a Kiwikā         |       | \$81,800,000        | \$81,800,000                     |
| <b>Huina</b>                            |       | <b>\$96,300,000</b> | <b>\$96,300,000</b>              |

Kumu: Ko ke Kalana Ke'ena 'Ōpala Pa'a, 2014

### Panina

Me ka Uku Hopena 'Ōpala Pa'a e loa'a ai kekahi hapa 'u'uku paha o nā kālā loa'a e pono ai nā ho'olilo kālā e hiki mai ana i loa'a ai ka lawelawe ho'olilo 'ōpala pa'a i ke Kalana o Kaua'i. Ua ho'olako ke Kalana i nā \$96 miliona a 'oi no nā papahana ho'onui piha'ū 'ōpala pa'a. Ua helu koho 'ia nā \$281,000 o ka makahiki e loa'a mai ka Uku Hopena 'Ōpala Pa'a mai, e like me ka wānana 'ana o kēia wā (Pākaukau ES.4).

Ua loli iki nā kumu kū'ai koena 'Ōpala Pa'a ma muli o ka ho'olako kālā 'ia 'ana o nā papahana ho'oponopono 'ōpala pa'a ma nā makahiki 'umi i hala e nā pona 'ai'ē laulā. Ke ho'oka'a mau 'ia nei ka 'ai'ē mai ia mau pona mai, a e pono ke loa'a he kumu hō'ai'ē nui i ka wā e ho'onoho helu 'ia ai ka uku hopena koena.

Inā ho'oholo ke Kalana e hānai i ka Uku Hopena 'Ōpala Pa'a, e pono ke hō'opia ia i kona ho'ouku pālua 'ole 'ana no nā kumu kū'ai CIP. 'O ka ho'ēmi 'ia 'ana paha ia o nā uku lawelawe a e pono ke ho'omana'o 'ia ia kuapo 'ana.



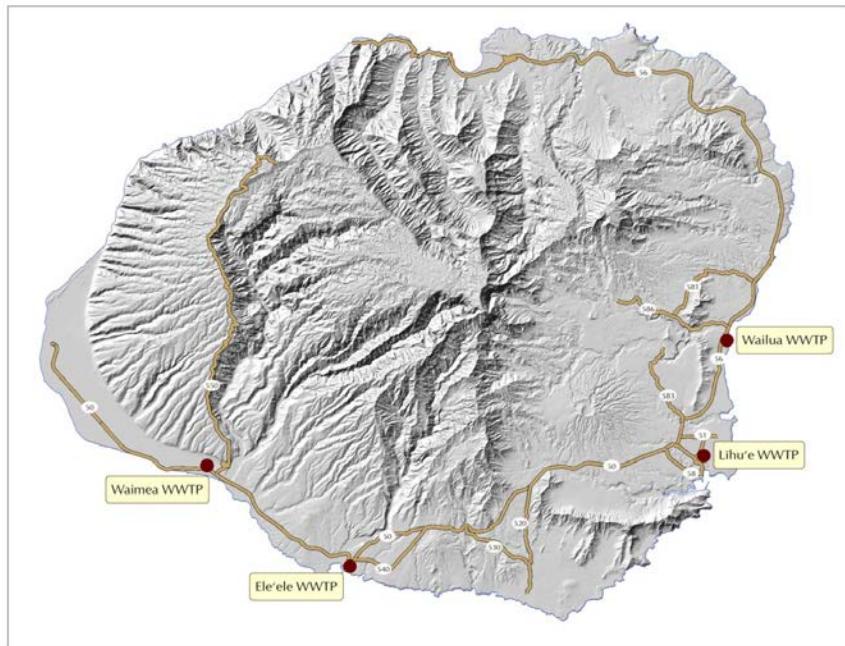
## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

## 10.0 WAI 'ŌPALA

Ho'ouku ke Kalana o Kaua'i i ka uku ho'okahi manawa no ka Loiloi Hiki Kahua Ho'oma'ema'e Wai 'Ōpala (WTCA) me ka uku ho'ohahi manawa no ka Uku Pili 'Auwau Lawe Wai 'Ōpala (SCC) i mea e uku ai ka po'e kūkulu hale i kekahihapa i ana kūpono 'ia o ke kumu kū'ai i mea e loa'a ai ka hiki o ka lawelawe wai 'ōpala i nā kūkulu hale hou. I Kepakemapa 2008, ua ho'omākaukau 'o RW Beck i kekahihapa palapala hō'ike nele me ka palapala ho'ohou uku hopena no ko ke Kalana o Kaua'i Ke'ena Hana Lehulehu, Mahele Mālama Wai 'Ōpala. Ua ho'ohou ka palapala i nā uku ho'okahi manawa WTCA a SCC ho'i, i hō'ailona lāua no nā 'ano e kū nei. Ma ka Palapala Hō'ike Wai 'Ōpala me ke Kālailai Waiwai Kū Lō'ihi, mai ka MH 2010, i hō'opia 'ia ai ke kūpono a lawa nā uku ho'okahi manawa WTCS a SCC ho'i, a 'a'ole pono ke ho'opi'i hou 'ia lāua i kēia manawa.

'O ke kumu o kēia mahele, 'o ia ka ho'ono ho'opae'i i mea ho'i e ho'oponopono 'ia ai nā uku e kū nei (kālā 2010) a kū like mai nō lākou me nā kālā Iune 2012 (hopena o ka M'A 2011/12), ma ka 'ike 'ana i ko nā Palapala Mo'olelo 'Oihana Wilikī (ENR) kumu kū'ai kūkulu hale me nā papa kuhikuhi kumu kū'ai o ke kūkulu hale. 'O nā nīnau 'ē a'e a pau loa i pili i ka ho'okumu 'ana i nā uku ho'okahi manawa WTCA a SCC ho'i ('o ia ho'i, nā papahana e hiki paha ke hana 'ia, a pēlā aku), 'a'ole nō lākou e lolii ana mai ka Palapala Hō'ike Wai 'Ōpala 2010 me ke Kālailai Waiwai Kū Lō'ihī



## Ki'i 10.1 Nā Kahua Ho'oma'ema'e Wai 'Ōpala o ke Kalana

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Ki'ina Hana no ka Helu Ho'opi'i

Ma muli o ka papa kuhikuhi kumu kū'ai o ka wā i hala i 'ohi'ohi 'ia e ka Palapala Mo'olelo 'Oihana Wilikī, ua hiki nō ke ho'opi'i 'ia a'e nā kumu kū'ai e ka ha'ilula penei:

Kumu Kū'ai e kū nei = Kumu Kū'ai Kumu \* (Helu Papa Kuhikuhi e kū nei/Helu Papa Kuhikuhi Kumu Kū'ai Kumu)

Aia nā papa kuhikuhi mai ko ENR papa kuhikuhi kumu kū'ai kūkulu hale i ka helu kūwaena o 20 kūlanakauhale, e ana 'ia ai kā lākou hana 'ana me nā kumu kū'ai kino o nā 'oihana ma'a mau. 'Oiai pili pono aku ka mo'olelo papa kuhikuhi kūkulu hale i ka ho'okomo mikaō kū laina, e kau 'ia ana nō ma ka uku ho'okahi manawa SCC.

Aia nā papa kuhikuhi mai ko ENR papa kuhikuhi kumu kū'ai kūkulu hale i ka helu kūwaena o 20 kūlanakauhale, e ana 'ia ai kā lākou hana ana me nā kumu kū'ai kino o nā 'oihana pili pono i kekahī hana ('o ia ho'i ka po'e ho'omoe winihapa, po'e kamanā, me ka po'e 'oihana keleawe 'aiana), 'oi aku nō na'e ka nui o kā lākou mea e hō'ike ai e pili i ke kūkulu hale. 'Oiai pili pono aku ka mo'olelo papa kuhikuhi kūkulu hale, e ho'ohana 'ia ana nō 'o ia no ka ho'onoho helu 'ana i ka uku ho'okahi manawa WTCA.

### Papa Manawa Uku Pili 'Auwai Lawe Wai 'Ōpala

He 1.05 ka helu ho'opi'i e ho'oponopono 'ia ai ka uku SCC ho'okahi nō manawa i kū ai e like me nā kala 2012. E hō'ike 'ia nā uku SCC e kū nei, me nā uku i noi 'ia, ma Pākaukau 10.1 me 10.2, ma ke ka'ina e like me ka mea i kākau 'ia ai ma mua nei.

### Pākaukau 10. 1 Uku Pili 'Auwai Lawe Wai 'Ōpala e Kū Nei

| Uku                                     | Helu  |
|---|---|
| Ho'ohana Haukapila a 'Oihana Kapili 'ia | \$0.12 0 ke kapua'i huinahā o kahi o ka 'auwai lawe wai 'ōpala                            |
| Ho'ohana 'Oihana Kālepa 'ia             | \$0.10 ke kapua'i huinahā o kahi o ka 'auwai lawe wai 'ōpala                              |
| Ho'ohana Hōtele Nui 'ia                 | Ma luna o \$0.13 o ke kh o kahi o ka 'auwai lawe wai 'ōpala a \$210 paha o ka 'āpana noho |
| Nohona Kupa 'Ohana Lau                  | Ma luna o \$0.10 o ke kh o kahi o ka 'auwai lawe wai 'ōpala a \$210 paha o ka 'āpana noho |
| Nohona Kupa 'Ohana Ho'okahi             | \$50 o ka 'āpana  |
| Kū i waho o nā mahele o luna            | \$200   |

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 10.2 Uku Pili 'Auwai Lawe Wai 'Ōpala i Noi 'ia

| Uku                                     | Helu  |
|---|---|
| Ho'ohana Haukapila a 'Oihana Kapili 'ia | \$0.13 o ke kapua'i huinahā o kahi o ka 'auwai lawe wai 'ōpala                            |
| Ho'ohana 'Oihana Kālepa 'ia             | \$0.11 o ke kapua'i huinahā o kahi o ka 'auwai lawe wai 'ōpala                            |
| Ho'ohana Hōtele Nui 'ia                 | Ma luna o \$0.12 o ke kh o kahi o ka 'auwai lawe wai 'ōpala a \$210 paha o ka 'āpana noho |
| Nohona Kupa 'Ohana Lau                  | Ma luna o \$0.11 o ke kh o kahi o ka 'auwai lawe wai 'ōpala a \$210 paha o ka 'āpana noho |
| Nohona Kupa 'Ohana Ho'okahi             | \$52.50 o ka 'āpana   |
| Kū i waho o nā mahele o luna            | \$210   |

### Ka Papa Manawa Loilo Hiki Kahua Ho'oma'ema'e Wai 'Ōpala

He 1.05 ka helu ho'opi'i e ho'oponopono 'ia ai ka uku WTCA ho'okahi nō manawa i kū ai e like me nā kala 2012. E hō'ike 'ia nā uku WTCA e kū nei, me nā uku i noi 'ia, ma Pākaukau 10.3 me 10.4, ma ke ka'ina e like me ka mea i kākau 'ia ai ma mua nei.

### Pākaukau 10.3 Ka Papa Manawa o ka Loilo Hiki Kahua Ho'oma'ema'e Wai 'Ōpala e Kū Nei

| Uku                | Helu  |
|--------------------|---|
| Nohona Kupa        | \$3,900 o ka hale noho (DU)                     |
| Nohona Kupa 'ole   |   |
| Ana wai 5/8-'īniha | \$3,900   |
| Ana wai 3/4-'īniha | \$3,900   |
| Ana wai 1-'īniha   | \$6,630   |
| Ana wai 1.5-'īniha | \$12,870  |
| Ana wai 2-'īniha   | \$20,670  |
| Ana wai 3-'īniha   | \$41,730  |
| Ana wai 4-'īniha   | \$65,130  |
| > Ana wai 4-'īniha | \$9.76 o ke kālani o ka lā me ka kahe 'ana koho |

## KALANA O KAUAI

Palapala Hō'ike Nele o ke Kūkululoko a Kūkulu Ho'olako no ka Lehulehu

### Pākaukau 10.4 Papa Manawa o ka Loiloi Hiki Kahua Ho'oma'ema'e Wai 'Ōpala i Noi 'ia

| Uku                | Helu   |
|--------------------|--|
| Nohona Kupa        | \$4,095 o ka hale noho (DU)                      |
| Nohona Kupa 'ole   |  |
| Ana wai 5/8-'īniha | \$4,095  |
| Ana wai 3/4-'īniha | \$4,095  |
| Ana wai 1-'īniha   | \$6,962  |
| Ana wai 1.5-'īniha | \$13,514   |
| Ana wai 2-'īniha   | \$21,704   |
| Ana wai 3-'īniha   | \$43,817   |
| Ana wai 4-'īniha   | \$68,387   |
| > Ana wai 4-'īniha | \$10.25 o ke kālani o ka lā me ka kahe 'ana koho |