

December 11, 2018

Department of Land and Natural Resources

Attn: Board Members

1151 Punchbowl Street, Room 130

Honolulu, Hawaii 96813

Subject: Grant of Perpetual, Non- Exclusive Easement to Haseko (Ewa), Inc. for Drainage Purposes and Issuance of Construction Right-of-Entry Permit, Ewa, Oahu,
Tax Map Keys: (1) 9-1-011: seaward of 007 and (1) 9-1-134: seaward of 006.

Agenda Item: # D-9

Dear Chairperson Case and Members of the Board of Land and Natural Resources:

Aloha, my name is Dean K. Crowell. I am a Native Hawaiian Subsistence Fisherman, Gatherer and Cultural Advisor from Waimanalo, Oahu. I am writing in opposition of reducing the height of the protective sand berm along the shoreline of One'ula Beach Park.

As a Native Hawaiian I still practice my cultural traditions of gathering food from the ocean to support my family. Most locals around the island of Oahu who practices the same traditions of gathering knows, that Ewa beach is the house of limu (Seaweed). The many varieties & abundance of limu is still thriving there today thanks to one man's passion to help save and restore the limu in that particular area, his name is Uncle Harry Chang Wo. Today Uncle Harry is no longer with us but his spirit still lives on through those individuals and organizations who help to perpetuate his vision by keeping the limu thriving at One'ula beach.

I know without a doubt that if the height of the berm on the shores of One'ula beach is reduced, it will allow the stagnant and polluted run-off/storm drain water to be release into the ocean. This action will have a huge negative impact on the aquatic resources and marine life, particularly the limu in that area. Some of the pollutants may include harmful and toxic chemical products such as pesticides from the maintenance of gardens & lawns, detergent soap from washing of cars or laundry grey water improperly drained, synthetic oil from back yard car repairs, animal fesses from pets and feral animals, household and roadside trash and so forth. If allowed in time the limu and all marine life in that area will be plague with disease and or be killed and wiped out. Nothing left for the future generations. Also eating polluted contaminated fish or limu is not good for anyone's overall health and could possibly lead to sickness and death.

I have personally witness the devastation that occurred by the run-off/storm drain waters flowing into the ocean in my neighborhood. The stream is called Muliwai-Olena in Waimanalo. During the majority of the year there is a natural sand berm that blocks off the water from entering into the ocean. During the winter months this berm is removed thereby allowing the stagnant and polluted run-off/storm drain water and silt to enter into the ocean. The polluted waters & silt

then contaminates the inside portion of the ocean along the shoreline thereby killing the reef and limu. Today there is no edible limu in that particular area where it was once abundant.

One'ula Beach could one day end up to be like Muliwai-Olena in Waimanalo. Please think of others, think of those who live in that area and those like me who still gather food from the ocean to feed our families. Also think of the future generation those who swim and surf in that area or will one day. One'ula is a wahi pana a sacred place. It is home of valuable resources where adults and children alike can visit and explore the many different varieties of limu, where they can see, touch, gather and eat this valuable traditional commodity. It is a place cherished by our kupuna (elders of the past).

If the sewage plants are required to dump its treated waste water 3-5 mile out at sea, wouldn't it be wise to have the polluted run-off/storm drain waters emptied into the ocean at least half or one third of that distances? The storm drain pipes can be attached or piggy back onto the existing sewage pipes making it easier to take the pollution out to sea. This will help to save the aquatic resources and marine life close to shore from contamination and or destruction.

Also why not create multiple drain potholes similar to the potholes left on the asphalt roads after heavy rains but, on a larger scale. It can be designed and shaped similar to a bowl dug into the ground. Grass planted within the bowl and plants around its perimeter to beautify it and designate it as a modern drainage system. The run-off/storm drain waters will fill these potholes and provide water for the plants. This will allow for the captured water to percolate and drain downwards without directly harming the ocean. If you were to have a lot of these potholes located in different locations it could accommodate all the run-off water in that particular area and will look esthetically pleasing to the eyes.

In closing I strongly urge you to please not grant Haseko (Ewa) Inc. an non-exclusive easement to reduce the height of the protective sand berm along the shore of One'ula beach.

Mahalo nui loa,

Dean K. Crowell

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