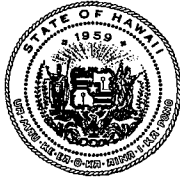


HCR 65, HD1

LINDA LINGLE
GOVERNOR OF HAWAII



CHIYOME LEINAALA FUKINO, M.D.
DIRECTOR OF HEALTH

STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3378
HONOLULU, HAWAII 96801-3378

In reply, please refer to:
File:

SENATE COMMITTEE ON ENERGY AND ENVIRONMENT

**HCR 65, HD 1, REQUESTING HAWAII AMERICAN WATER COMPANY TO
IMPLEMENT AN ODOR MITIGATION PLAN FOR ITS FACILITY IN HAWAII KAI**

**Testimony of Chiyome Leinaala Fukino, M.D.
Director of Health**

**April 16, 2009
3:00 p.m.**

1 **Department's Position:** The Department of Health (Department) has comments on this resolution as
2 written.

3 **Fiscal Implications:** None.

4 **Purpose and Justification:** The resolution requests that the Hawaii American Water Company
5 (Company) develop an odor mitigation plan identifying the improvements and a schedule of
6 implementation for the East Honolulu Waste Water Treatment Plant. The resolution also requests the
7 Department to monitor the improvements and report to the Hawaii Kai Neighborhood Board on its
8 progress.

9 The Department investigated odor complaints but has not found any violations of our rules so
10 far. Staff handled 6 complaints over 2007-2008 and measured the hydrogen sulfide in the ambient air
11 with only low level results. Hawaii has an ambient air quality standard for hydrogen sulfide of 25 parts
12 per billion (ppb), 1-hour average, which is based not only to protect the public health but also as an
13 average odor threshold to minimize odor nuisances. However, the hydrogen sulfide level that a person
14 can detect varies with one's nose and may be as low as 5 ppb. The Department is not opposed to Hawaii

1 American Water Company developing and implementing an odor mitigation plan for the East Honolulu
2 Waste Water Treatment Plant nor to monitor its progress, but it must be noted that the Department has
3 no authority to compel the Company to develop and comply with the mitigation plan and schedule. The
4 Department, therefore, recommends that the Company be self-monitored and required to provide a
5 written status and progress report on a monthly basis to all the applicable agencies and interested parties
6 including the Hawaii Kai Neighborhood Board.

7 Thank you for the opportunity to testify.

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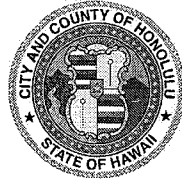
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HAWAII KAI NEIGHBORHOOD BOARD

April 14, 2009

GREG KNUDSEN
At-Large
Chairperson

Testimony in Support of HCR 65, HD1

Requesting Hawaii American Water Company to Implement
An Odor Mitigation Plan for Its Facility in Hawaii Kai.

ELIZABETH REILLY
At-Large
Vice Chairperson

JEANETTE HANSON
Subdistrict #6
Secretary-Treasurer

Senate Committee on Energy and Environment
Sen. Mike Gabbard, Chair; Sen J. Kalani English, Vice Chair
April 16, 3:00 p.m., Room 225

RENÉ GARVIN
At-Large

NORMA KEHRBERG
At-Large

ROBERT CLARK
Subdistrict #1

The Hawaii Kai Neighborhood Board on March 31 voted unanimously to support
HCR 65.

MARIAN GREY
Subdistrict #2

CARL MAKINO
Subdistrict #3

The problem of more than acceptable odors from the Hawaii Kai sewer plant has
been an ongoing issue for several years. Progress has been made, but the
problem continues.

STEPHEN GEIMER
Subdistrict #4

GARY WELLER
Subdistrict #5

With new homes and Sandy Beach nearby, it is important that everything possible
be done to mitigate odors.

AMY MONK
Subdistrict #7

MATT DIRKS
Subdistrict #8

Numerous reports and presentations have been made in the past several years to
the Hawaii Kai Neighborhood Board, and members have participated in groups
working with Hawaii American Water to resolve the problem.

DAVID TANABE
Subdistrict #9

AARON ISGAR
Subdistrict #10

The Hawaii Kai Neighborhood Board urges you to approve HCR 65.

WAYNE LEVY
Subdistrict #11

Mahalo,

Hawaii Kai
Neighborhood Board No. 1
c/o Neighborhood Commission
530 So. King St., Rm. 406
Honolulu, Hawaii 96813
Phone: (808) 768-3710
Fax: (808) 768-3711

A handwritten signature in black ink that reads "Greg Knudsen".

Greg Knudsen
Chairperson

Web Pages:
• www.honolulu.gov/nco/nb1
• HKNB.org

1205 Kaeleku Street
Honolulu, Hawaii 96825
(808) 395-3725, 224-0790
knudsen123@gmail.com

*Hawaii Kai Neighborhood
Board meets the last Tuesday
of every month (except Dec.),
7 p.m., Hahaione Elementary
School cafeteria. The public is
welcome to attend.*



**TESTIMONY OF LEE A. MANSFIELD, PE
MANAGER OF HAWAII AMERICAN WATER
TO THE
SENATE COMMITTEE ON ENERGY AND ENVIRONMENT
APRIL 16, 2009**

MEASURE: HCR 65
ENTITLED: "REQUESTING HAWAII AMERICAN WATER TO IMPLEMENT AN ODOR MITIGATION PLAN FOR ITS FACILITY IN HAWAII KAI"

Chair Mike Gabbard and Members of the Committee:

DESCRIPTION:

This concurrent resolution proposes that Hawaii American Water, owner and operator of the East Honolulu Wastewater Treatment Plant serving the Hawaii Kai community, develop and implement an odor mitigation plan.

POSITION:

Hawaii American Water (HAW) opposes this resolution and offers the following brief testimony.

INTRODUCTION:

My name is Lee A. Mansfield; I am a licensed professional engineer in the state of Hawaii and currently manager of Hawaii American Water.

TESTIMONY:

Hawaii American Water (HAW) is a privately owned and publicly regulated utility that provides wastewater treatment and disposal service to the community of Hawaii Kai in East Honolulu. HAW is opposed to this resolution as we believe we have already complied with its request: HAW has developed and implemented an odor mitigation plan. In addition, HAW has and continues to meet the State of Hawaii standards for odor emissions.

In 2006 HAW completed an odor management study which identified several sources of odors within the treatment facility. Based upon the recommendations of that study HAW evaluated the efficacy of the addition of certain chemicals to the process stream to control odors; and initiated and completed five capital improvement projects to reduce odors. The tests carried out on chemical addition showed that optimization of the past practice of adding chemicals to the main pump station was most effective in reducing odors. The five improvement projects accomplished the following in regards to odor mitigation:

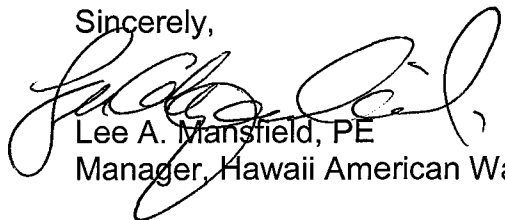
- Optimum usage of ferric chloride at the main pump station to control odors at the plant.
- Elimination of odorous emissions from the plant's anaerobic digesters.
- Elimination of two open storage tanks, both of which had been a source of odors.
- Process flexibility in operation that allows for a reduction in odors released near the plant's fence line.
- Significant reduction in the production of odors in the primary clarifiers.

In addition, HAW purchased a "state of the art" portable hydrogen sulfide analyzer and has monitored the plant site and surrounding neighborhood weekly for odors since the beginning of 2007. To date all measurements taken show that hydrogen sulfide levels are well below the State of Hawaii standard of 25 parts-per-billion (ppb) and, in most cases, range between 0 and 3 ppb.

While HAW has not completely eliminated odor emissions from its plant, HAW has made significant progress. Last year HAW received only 4 complaints regarding odors from the plant. Further reductions in odors will incur significant capital costs while offering diminishing returns in regards to odor reduction and most cannot guarantee a completely odor free facility. To pursue this would place an unfair financial burden upon our rate payers.

Thank you for the opportunity to testify.

Sincerely,



Lee A. Mansfield, PE
Manager, Hawaii American Water

From: Sheree Moffat [smoffat2002@yahoo.com]
Sent: Tuesday, April 14, 2009 7:48 AM
To: ENETestimony
Cc: lmdnm@aol.com
Subject: HCR65 - SUPPORT, Hearing April 16th, 2009 - 3:00 P.M.

Subject: HCR65 - SUPPORT

Hearing Testimony

Date: April 16, 2009

Time: 3:00 pm

Attn: Senate Energy & Environment Committee
Senator Mike Gabbard, Vice-Chair Kalani English

We support the adoption of HCR65 because of the continuing odor problems from the sewer plant.

We have been residents of Hawaii-Kai for over 40 years and have lived in Queen's Gate and Koko Villas for 20 years. The stench from the sewage plant has continually gotten worse and the apparent disregard from Hawaii American Water to correct the problem is inexcusable.

Action needs to be taken immediately, it is ruining our neighborhood and property values.

Thank you for your support.

Charles and Sheree Moffat
1035 Koko Kai Pl.
Honolulu, HI 96825

Sheree L. Moffat
smoffat2002@yahoo.com
Ph: (808) 382-6570
Fax: (808) 733-7808

From: gandlhashimoto@hawaii.rr.com
Sent: Tuesday, April 14, 2009 7:27 AM
To: ENETestimony
Subject: HCR65; 4/16/09; 3:00 PM

Since 2003 to present, we have lived in the Laulima and Koko Villas subdivisions which are only a few hundred yards from the Hawaii American Water sewage treatment plant. Nausiating and foul odors have continued to persist during this time from the HAW sewage treatment plant, especially during variable or Kona winds. We are very concerned about the potential long term health effects on us and our children as well as the deterioration of our quality of life as a direct result of the HAW plant's foul odors. We support HCR65.

Gary and Lisa Hashimoto
1008 Koko Uka Pl.
Honolulu, HI 96825

From: The Schmidts [raeannegreg00@yahoo.com]
Sent: Tuesday, April 14, 2009 7:48 AM
To: ENETestimony
Cc: Gene Ward
Subject: Senate Energy Committee-HCR65

Senate Energy and Environment Committee
April 16, at 3pm
Conference room 225.

Re: HCR65

Please support the passage of HCR65. Maybe you are asking yourself why you should support this resolution. The best that I can do is to share my thoughts and opinions.

First, there isn't a perfect solution for this odor issue in my opinion. However, reasonable investment choices and actions are possible by Hawaiian American Water to reduce offensive odor emissions, which this resolution is intended to monitor.

When I think of the image of our beautiful state I visualize trade winds, sea breezes, the fragrance of Gardenia or Plumeria, not sewer stink. It is well understood that many residents depend on this positive image of our state to support tourism and jobs. When I drive by Sandy Beach packed with tourist I wonder what they might be smelling and what impression they are remembering to share with family and friends. I mean this is Sandy Beach, an icon of Oahu, where even President Obama visited on his last island trip.

Of all the things that draw people to tour our islands, it is the environment. We should be doing things to support our daily environment as well as the long term environmental issues. In my opinion, this odor issue can be viewed as a problem now considering the potential impressions of our tourist and possible health related concerns as well as in the future with population grows putting more strain on this facility.

The driving question here is, can the foul odor be reduced for the benefit of all? What will happen if the Hawaii Kai plant operations aren't continually improved to reduce and improve the odor emissions? Do we have to wait until there is a major public issue or outcry, or perhaps the next presidential visit and comment about the stink to do something? I hope not. We need Hawaiian American Water to act in good faith as a private company with HCR65 being used to provide some oversight of their operations. We need to feel that Hawaiian American Water's efforts to reduce the emanation of odors are based on being good neighbors that recognize that even though their revenues may not be impacted by negative impressions from foul odors, that others will be. We need to have some way to ensure accountability and positive environment stewardship by Hawaiian American Water. I believe HCR65 provides this.

We don't need to be told that everything is just fine when there is a **plainly offensive odor**.

Regards,

Greg Schmidt
Hawaii Kai

From: Bhanu Vellanki [bhanuvellanki@gmail.com]
Sent: Monday, April 13, 2009 9:47 PM
To: ENETestimony
Subject: Senate Hearing for HCR 65

I support the HCR65.

Thanks,

Bhanu Vellanki

From: LMDNM@aol.com
Sent: Tuesday, April 14, 2009 4:07 PM
To: ENETestimony
Subject: HCR65 Hearing April 16, 2009 Room 225 Senate Energy & Environment - SUPPORT

Senate Committee: Energy & Environment

Subject: HCR65 - SUPPORT

Date: April 16, 2009

Time: 3:00 pm

Room: 225

Aloha Chair Senator Gabbard, Vice Chair Senator Kalani English and Committee Members:

To explain why so many residents are upset and in support of the adoption of HCR65 below is a summary of a meeting held at the Hawaii American Water Company (HAWC) sewer plant across from Sandy Beach on March 26, 2007, attended by various members of the community and the management and staff of the HAWC plant. Please note that in spite of agreeing to the items discussed and listed, including odor mitigation, little if any of this has been done in spite of repeated requests.

Please note on March 3, 2009, the Hawaii Kai Neighborhood Board voted unanimously to support HCR65. Earlier that day the House Energy & Environmental Protection Committee also voted unanimously to adopt HCR65.

Your support and adoption of HCR 65 is requested to correct this unfortunate situation thereby protecting Sandy Beach along Ka Iwi one of Oahu's most beautiful pristine coast lines enjoyed by residents and visitors alike.

Mahalo
Lucien Wong

-----Original Message-----

From: LMDNM@aol.com

To: LMDNM@aol.com; jsduit@hotmail.com; catherine.p.awakuni@dcca.hawaii.gov;

mark.e.recktenwald@dcca.hawaii.gov; adam.ferguson@coair.com; lyla@lylaberg.com

Sent: Wed, 28 Mar 2007 4:57 pm

Subject: SEWER ODOR MEETING SUMMARY - IMPORTANT

Aloha All

For the record and as a checklist for the Hawaii Kai Neighborhood Board (HKNB) and government officials here is a summary of what actions Mr. Lee Mansfield, Manager, Hawaii American Water Company (HAWC) sewer plant has agreed to take based on the discussions with the community group and government representatives at the meeting at 7 PM on March 26 at the sewer plant :

1. HAWC will implement the recommendations in the Ch2MHill April 2006 Odor Management Plan for odor control initially using control chemicals such as ferrous oxide, and monitor the effectiveness in reducing the hydrogen sulphide gases which are the cause of the odor.

A. The control chemicals will be added in varying quantities to the pump station (#4) and at other locations in the system which are the source of the H₂S gas (e.g. open sludge beds) the primary cause of odor. Measurements of levels of H₂S gas will be taken by HAWC using their H₂S monitoring instrument at a number of different locations along the perimeter fence on both the mauka and makai sides of the plant to determine the optimum amount of control chemicals needed to control the odor. The locations of these measurement points will be proposed by Mr. Mansfield and emailed to members of the community/government group for their review and suggestions ASAP. In addition to recording the levels of H₂S concentration at the specified locations, wind (e.g. Kona winds) and weather (e.g. rain) conditions at the time of the readings will also be noted.

B. During Kona weather the plant will postpone as long as possible taking sludge to the open sludge beds as a means of reducing this odor source. However, this can only be postponed for a duration that is tied to the capacity of certain parts of the operation.

C. HAWC will report to the HKNB at least every 3 months, starting in June 2007, on the results of their progress and findings and what odor control steps have been taken.

Based on the chart in the CH2MHill Management Plan that Mr. Mansfield shared with the group a 90% reduction of H₂S gas levels is projected by using Ferrous Chloride additives. It should be noted that the group was not provided a copy of this plan, and that when asked Mr. Mansfield said it was HAWC policy not to distribute technical reports or studies. He did however agree to ask CH2MHill to do a summary which he said he would then make available. (However, the state Department of Health or Council member Charles Djou may have a copy of parts or the complete plan and copies may be available from them.)

2. To monitor and keep a written log of the odor complaints the following was agreed to:

A. HAWC will include in their next billing to all in their service area a separate notice requesting that all odor complaints be reported to the ODOR HOT LINE 1-866-430-0826. The person answering the call will keep a written log of the complaints noting the place and location of the odor and later what actions was taken. This log will also help the plant staff in their efforts to control odors. Some in the group reported having problems calling this number in the past and Mr. Mansfield said he would make sure this was corrected (his email address is: lee.mansfield@amwater.com)

B. HAWC will include copies of the odor complaints written log and responses in its report to the HKNB and to the DOH.

3. As a further step in controlling odors HAWC will provide the HKNB with a cost estimate for enclosing parts of the plant where the odors are being generated. HAWC will also report on reducing the slope and thus the churn as the sewage enters the plant as recommended in the CH2MHill plan.

4. HAWC will examine planting trees including aromatic trees along the mauka fence line as a wind screen to control the Kona winds from blowing odors into the surrounding residential areas and discuss the matter at the next HKNB meeting. In addition to being a wind screen it will be a visual barrier and eventually look similar to the Koko Crater side of the Hawaii Kai Golf Course with lush mature trees.

It was agreed that the implementation of odor controls as described above may only be the first step and if the odors continue other steps may be necessary using the latest technology, used successfully at other plants (specifically the Orange County Sanitation District), until the odors are eliminated.

Although not discussed at the meeting a member of the group later expressed a concern based on a report that HAWC may be in the process of being sold off by its mainland parent. If this is the case any approval by the Hawaii Public Utilities Commission (PUC) should include conditions that require any new owner to eliminate the H₂S odors, pursuant to the agreements reached at this March 26 meeting, within a stipulated time period and failure to do so should result in penalties sufficient enough to ensure compliance. Since this possible sale was not disclosed by HAWC at the meeting the concern is that the schedule for the agreed odor control implementation may be delayed by a sale.

Other matters discussed and to be considered by HAWC:

This sewer plant with improvements could be used as a model sustainable plant for other plants using the latest technology and recycling of effluent as irrigation water on the adjacent golf course by reducing the chlorides and

the methane gas as a source of energy to operate the plant as is now being done at the Orange County Sanitation district. Funds for improvements and upgrades might be available from the Federal government with state assistance.

If others at the March 26 meeting understand differently from the above then this should be reported to HKNB at jsduit@hotmail.com.

A BIG MAHALO to Reps Lyla Berg and Gene Ward, Ms. Cat Awakuni (Consumer Advocate); HKNB members Les Muraoka (Chair), John Steinmiller (who coordinated the meeting!!!) and Greg Knudsen; and the residents who are participating in finding a solution to this odor problem and of course to Lee Mansfield for agreeing to meet and work on solutions.

Thanks

The Wongs

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From: LMDNM@aol.com
Sent: Tuesday, April 14, 2009 4:15 PM
To: ENETestimony
Subject: HCR 65 Hearing April 16 at 3 pm Room 225 Energy & Environment Committee - SUPPOR

Senate Committee: Energy & Environment
Subject: HCR65 - SUPPORT
Date: April 16, 2009
Time: 3:00 pm
Room: 225

Aloha Chair Senator Gabbard, Vice Chair Senator English and Committee Members:

The sewer plant owned and operated by the Hawaii American Water Company in East Honoulu across from Sandy Beach has disregarded the communities requests over a number of years for effective odor mitigation measures. Promises were actually made at a meeting with the plant operators but have not been kept. There is little if any state or city regulations or monitoring that would stop the sewer plant from continuing to operate in this way. This is shameful given that in our own Hawaii state constitution it reads:

Art. XI, Section 1 states that:

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

For the state government to meet its responsibilities under its own constitution, we respectfully request you adopy HCR65.

Mahalo nui loa

Lucien & Margaret Wong

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From: LMDNM@aol.com
Sent: Tuesday, April 14, 2009 4:26 PM
To: ENETestimony
Subject: HCR 65 Hearing April 16 at 3 pm Rm 225 Energy & Environment Committee - SUPPORT

Senate Committee: Energy & Environment
Subject: HCR65 - SUPPORT
Date: April 16, 2009
Time: 3:00 pm
Room: 225

Aloha Chair Senator Gabbard, Vice Chair Senator English and Committee Members:

Below is an example of the odor problem at the HAWC sewer plant across from Sandy Beach. It's negative environmental impact on the Ka Iwi Coast is unfortunate especially so when the state and the city have spent millions of taxpayer dollars acquiring property there, e.g., Golf Course 5 & 6 and Queen's Beach, to protect it from development.

Your support for HCR65 would be greatly appreciated.

Mahalo nui loa
Lucien Wong

All...you know the saying - no good deed goes unpunished.....case in point. When I drove by Sandy Beach last Saturday at 7:45am the odor was really foul and pervasive. I took Mr. Mansfield's point that if there are no registered calls, they have no way to address the odor problem. I called the number he gave at the HKNB meeting and after working through the answering logic finally talked to a person and registered an odor complaint.

This morning at 7am, the phone rings waking us up. It is a call from a staff member of HAWC demanding to know what phone number I called because he just got the email message now and can't possibly check the air quality as it is too late to get an accurate reading. Why are they calling me? I told the person to call Mr. Mansfield and ask him for the number and that I wasn't about to get out of bed to find him a phone number at 7am. I suggested that he talk with Mr. Mansfield about the phone process reporting problem they have, not me.

When I asked him about the odor, he repeated what Mr. Mansfield said " All plants have odors " and that it was his job to ensure that they were in compliance with the EPA and he couldn't do that unless they were able to get a reading at the time of the complaint. Ok I understand the logic but this is two days past, so why the urgency?

So this begs the question, is the monitoring being done to understand the problem or to prove that no problem exists per the EPA regulations?

Based on my experience with this call it is not clear if the process is designed to help or hinder. Requiring residents to call the mainland to file a complaint is an issue for most, being subjected to calls from their staff demanding information is enough to make anyone not call again ever.

To me, asking the customer to become involved in their internal problems by providing numbers or any additional feedback beyond what was taken down as part of the complaint call is unacceptable and bordering on harassment. I don't know what can be done, but it seems like efforts are being made to

discourage calls.

Finally considering the time delays associated with calling the mainland, getting through to a person to take the complaint, providing the information, they in turn notifying the staff at the Hawaii Kai plant of a complaint and then finally having a staff member take an odor reading, what is your confidence that they get a good timely reading?

Greg

-----Original Message-----

From: Victor Chongchua <vchongchua@me.com>

To: LMDNM@aol.com

Sent: Mon, 1 Dec 2008 9:57 pm

Subject: Re: URGENT More Break-ins in Koko Villas

Hi Lucien,

I was wondering if you knew the status of the odor complaints? This week seems to have reached new levels. I believe we've smelt the odor about 4-5 days of the past seven. Tonite it's absolutely terrible. Is it very strong from your house's location?

I've been following the emails on this situation, but it doesn't seem like we are getting anywhere. Here's a strange thought: Do you think Phillip Ho would help in swaying Hawaii American Water to do anything about this? If we came to Phillip with the idea that the odor situation is not a good thing to be broadcasted; it really wouldn't do well for his future projects. BTW, which I think it's just a matter of time before the 3.11 acre area gets P2-R5 converted and then the 12 acres next to you will go the same route.

I know getting Phillip to help is a stretch--we know him--but, this smell is actually getting more frequent and stronger.

victor

Why pay full price? [Check out this month's deals on the new AOL Shopping.](#)

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**Testimony in Support of
HCR65 – A Bill for monitoring odor mitigation
at water treatment facility**

Senate Committee on Energy and Environment
Senator Gabbard, Chair
Senator English, Vice-Chair

April 16, 2009

Aloha to the members of the Senate committee on Energy and Environment. Thank you for considering a bill to address a problem which has plagued the long-suffering residents of this part of Kalama Valley, but has wider implications for the many, many island residents and tourists who enjoy the beautiful Ka Iwi coast and seek out some of the best body surfing on Oahu made world famous by our most famous Sandy beach body surfer Barack Obama.

- The current sewer treatment facility is located across a two-lane highway from Sandy Beach, where many Oahu body surfers and tourists enjoy surfing and wave watching.
- The odor from the sewer treatment facility is sometimes quite noticeable by drivers just driving by on Kalanianaʻole highway. At other times it is noticeable at the developments Koko Kai and Queen's Gate. The odor is dependant on the speed and direction of the wind, so occasional or selective monitoring will not always detect odors.
- The communities near the water treatment facility have over several years presented their problems to both facility management and neighborhood leadership. Residents have done extensive research and have patiently tried various approaches to get the facility to act on agreed upon odor mitigation measures.
- The HCR65 requests government monitoring of the sewer facility's odor mitigation activities. Hopefully, this action will demonstrate to the mainland owner and local managers the seriousness of this community's resolve and will improve their responsiveness to the community's requests to resolve these issues.

As a member of the neighborhood board that voted its support for this bill, mahalo.

Amy Monk

7476 Kekaa Street
Honolulu, Hawaii 96825
aymonk@aol.com

From: Gwen Ilaban [gfilaban@aol.com]
Sent: Wednesday, April 15, 2009 2:22 AM
To: ENETestimony
Subject: HCR 56 SUPPORT

Measure: HCR 56
Date: Thursday April 16, 2009
Time: 3:00 p.m.

Senator(s) Gabbard and English:

This concurrent resolution is taking the responsibility for being good environmental stewards. The United States should set an example domestically and internationally for clean and sustainable energy policy. Our future generations are depending on clean and sustainable energy. Please make it happen!

Mahalo for your consideration and your support.

Gwen Ilaban
76-6182 Alii Drive
Kailua-Kona, HI 96740