


HSERC MEMBERS OR THE VOTING REPRESENTATIVES' SIGN-IN SHEET FOR MARCH 30, 2012

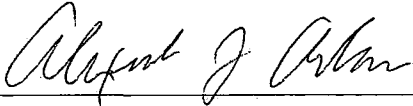
Scott Enright
Dept. of Agriculture
Board of Agriculture

Jennifer Shishido
HIOSH Administrator
Occupational Safety and Health Division
Department of Labor and Industrial Relations

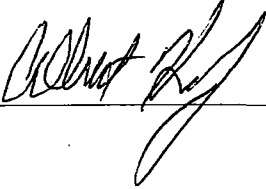
Henry Silva
Hawaii Representative/LEPC Chairperson
Hawaii County Fire Department



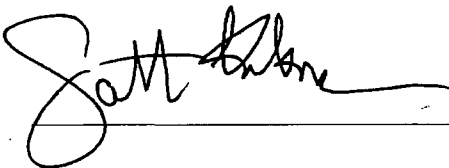
Alexander J. Adams
Honolulu Representative/LEPC Chairperson
Honolulu Fire Department



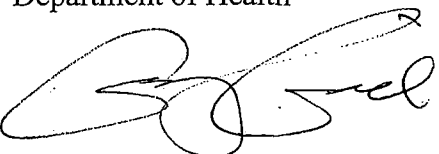
Albert Kauai
Kauai Representative/LEPC Chairperson
Kauai Fire Department



Scott Kekuewa
Maui Representative/LEPC Chairperson
Maui Fire Department



Gary L. Gill
Deputy Director, Environmental Health
Department of Health

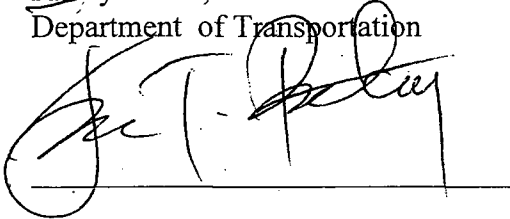


Gary L. Hooser
Director
Office of Environmental Quality Control

HSERC MEMBERS OR THE VOTING REPRESENTATIVES' SIGN-IN SHEET FOR MARCH 30, 2012

JADE T. BUTAY

~~Randy Grune,~~
Department of Transportation



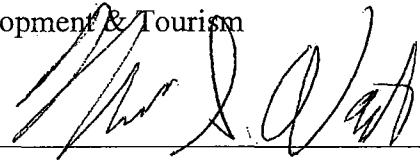
Leighton Ah Cook
State Civil Defense
Department of Defense

Audrey Hidano,
Department of Labor and
Industrial Relations

William M. Tam
Deputy for Commission on Water
Resource Management
Department of Land and Natural Resources

Jay Maddock, Ph.D.
Director
Office of Public Health Studies
University of Hawaii at Manoa

Mark Want,
Energy Analyst
Department of Business Economic
Development & Tourism



HSERC MEETING SIGN-IN SHEET FOR March 30, 2012

| Name | Organization | Telephone # | Fax # | E-Mail |
|----------------------|-------------------------|---------------|----------|-----------------------------|
| Mahea Kekuewa | Kamehameha Schools Maui | 751-2421 | | mahea.kekuewa@yahoo.com |
| Benny | | | | |
| RENATO MANUILIT | DOT | 831-7998 | | RENATO.MANUILIT@HAWAII.GOV |
| JANICE WITUL | USEPA | (415)972-3089 | 947-3520 | witul.janice@epa.gov |
| Clint Iizuka-Sheeley | Coca-Cola | 839-6749 | | clizuka@sheeley@coke.com |
| Keith Kawabata | HSE | | | |
| Adam Teetall | | 586-4249 | | adam.teetall@doh.hawaii.gov |
| Harold Lao | | 586-4249 | | harold.lao@doh.hawaii.gov |
| ROBERT H-H HARTER | | 723 8958 | | RHARTER@HONOLULU.GOV |
| Terry Corpus | | 586-4249 | | terry.corpus@doh.hawaii.gov |



LIEUTENANT GOVERNOR'S
OFFICE

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

In reply, please refer to:
File:

'12 MAR 23 P1:50

HAWAII STATE EMERGENCY RESPONSE COMMISSION
MEETING #86
Friday, March 30, 2012 from 9:00 a.m. to 12:00 p.m.
Department of Health
919 Ala Moana Boulevard, Fifth Floor
Honolulu, Hawaii 96814

AGENDA

- 1) 9:00 Call to Order Gary Gill, Deputy Director for Environmental Health
Announcements, Remarks, Introduction
Approval of Minutes from Mtg #85
- 2) 9:15 LEPC Updates Henry Silva, Hawaii LEPC Representative
Albert Kauai, Kauai LEPC Representative
Scott Kekuewa, Maui LEPC Representative
Alex Adams, Oahu LEPC Representative
- 3) 9:45 SPCC Regulation Janice Witul, U. S. EPA, Region 9
- 3) 10:00 School Chemical Clean up Grace Simmons, Solid and Hazardous Waste Branch
Letter to Schools Alex Adams, LEPC, Sharon Leonida HSERC
- 4) 10:20 Update on Request for Information, Bunkers at Waikele Gary Gill, Chairman
- 5) 10:40 EPA Update Mike Ardito, USEPA Region 9
- 6) 10:50 HMEP Grant State Civil Defense
- 7) 11:00 Emergency Environmental Response Contract Curtis Martin, HEER Office
- 8) 11:15 Tsunami Debris HSERC
- 9) 11:30 Other Business HSERC
- 10) 11:45 Schedule next HSERC meeting HSERC, HEER, LEPCs



STATE OF HAWAII
DEPARTMENT OF HEALTH

P. O. BOX 3378
HONOLULU, HI 96801-3378

In reply, please refer to:
File:

HAWAII STATE EMERGENCY RESPONSE COMMISSION
MEETING # 85

Friday, December 16, 2011, 9:00 a.m. to 12:00 p.m.

Department of Health
919 Ala Moana Boulevard, 5th Floor
Honolulu, Hawaii 96814

Attendees

Voting: Gary Gill, Chairperson, Deputy Director for Environmental Health, , Dept. of Health; Albert Kauai, Kauai County LEPC; Henry Silva, Hawaii County LEPC; Jade T. Butay for Randy Grune, Dept. of Transportation; Alex Adams, Honolulu LEPC; Valerie Yontz, Office of Public Health Studies, University of Hawaii; Scott Kekuewa, Maui County LEPC; Leighton Ah Cook, State Civil Defense, Department of Defense

Non-Voting: Sharon Leonida, Beryl Ekimoto, Curtis Martin, Harold Lao, Dept. of Health, HEER Office; Grace Simmons, Dept. of Health, Solid and Hazardous Waste Branch; Robert H.H. Harter, City and County of Honolulu, Dept. of Emergency Management; Orasa Fernandez, Dept of Education

1. Gary Gill, Chair, called the meeting to order at 9:16 am.

1.1 Introduction of Attendees

1.2 Approval of minutes for meeting #84, **no objections to minutes as presented, minutes adopted.**

2. LEPC Updates:

2.1 Hawaii County: Henry Silva

2.1.1 There was a Local Emergency Planning Committee (LEPC) meeting held on December 1, 2011 with 14 attendees. The next meeting is scheduled for March 1, 2012.

2.1.2 Regarding school chemistry labs, there was a meeting arranged with the Hilo Complex with supervisors and principals on November 10, 2011. The Puna Superintendent and their school complex meeting will on December 19, Kona superintendent meeting tentatively set for February 2012. They met with the new fire chief to introduce themselves.

2.1.3 The LEPC co-sponsored "Clan Lab Training" with the Fire Department and the Police, which was held on Oahu early in December. There has never been any joint training with both police and fire departments. Previously when responding to a "clan lab", it was not clear what everyone's role would be. The police used drug money that was seized for this workshop. The Hawaii LEPC and Fire Department sent six people to the training.

2.1.4 Hamakua Energy Partners had a drill on November 4, the LEPC participated with them.

- 2.1.5 Puna Geothermal did a presentation at the meeting, they are also drilling a new well. It will increase output from twenty-seven megawatts to thirty megawatts.
 - 2.1.6 There was one hazmat spill reported on November 1, at the Aloha Petroleum facility in Hilo. While offloading a barge an operator error occurred. About 1,500 gallons of diesel went into a diked area that was porous. Almost all of the contents went into the ground, they are attempting to recover fuel by drilling. Henry questioned why the dike was not fluid tight. Curtis responded that control of this is under SPCC requirement. He stated that EPA has primacy in this area. EPA now requires a liner to be installed. Follow up on this issue was recommended, and it will be put it on next HSERC agenda for further discussion..
- 2.2 Kauai County: Albert Kaui
- 2.2.1 The last LEPC meeting was on November 18, 2011 at K auai Civil Defense EOC (Emergency Operations Center). Nine members attended and there was discussion about training issues. The next meeting will be on February 3, 2012 at Civil Defense.
 - 2.2.2 There was a minor incident reported where ten gallons diesel spilled at the county base yard.
 - 2.2.3 Police requested Hazmat to standby when they were doing a drug bust, in case there might be any possible hazards or contamination issues.
- 2.3 Maui County: Scott Kekuewa
- 2.3.1 The last two LEPC meetings were held on August 25 and December 14, 2011. There was discussion on how LEPC funds are being used to assist in training. The next meeting will be on March 22, 2012.
 - 2.3.2 It was reported that there has been a large turn over in personnel in the Hazmat Unit, out of 15 slots 13 are new people. The training for Hazmat I.Q. will be in July, and scheduling for CAMEO classes will be possible for sometime in 2012. The planning for the CST drills was set for the second week of January. This will include all agencies on Maui. The Police and Fire departments will be working closely together.
 - 2.3.3 There was one incident reported at a keiki surf meet, an acetylene tank washed on to the reef. A parent retrieved it and left it by the road. Hazmat did the identification of the tank.

Gary asked if any counties had to deal with tsunami debris from Japan. The radiation branch at DOH has been doing radiological scanning on beach debris. No elevated levels have been found to date and provides us with background data. The Surfrider Foundation of Kauai sponsored a meeting that included NOAA and others speaking about Japan debris. This foundation is looking for training, buying equipment and provide support to the community. Gary suggested that counties could partner with community groups. These groups would like to be helpful. They could provide assurance to the public. Debris maybe coming ashore for the next ten years. Robert Harter from the City and County added they are trying to plan and decide on who would be in charge when debris comes ashore. If the marine debris becomes an issue we need to coordinate in order to be consistent statewide. Henry asked if DLNR has a plan. Gary is not sure, it will probably be a multi-agency operation. Leighton explained about a possible situation, where the Governor's office may need to request for emergency declaration. The problem of tons of garbage floating onto beaches has not been encountered before. Henry suggested a warning to the public, where groups that are doing beach cleanup need to be aware of hazard materials that may be in debris washing ashore. We should consider publishing warnings in the newspapers and provide a number to call for information.

2.4 Honolulu City & County: Alex Adams

- 2.4.1 The last LEPC meeting was December 13, 2011. The voting members of the Honolulu LEPC was unable to attend meetings and it was difficult to have the minutes approved. Alex stated that he would like to change the way minutes are approved. He will work with Robert Harter on this issue.
- 2.4.2 They asked for approval for three Rad Dectector – Identifiers, Alex explained their function and price. Two of them are for the fire department and one is for the police department.
- 2.4.3 Robert Harter is set to update the Honolulu LEPC website, he needs input from the committee on what should be included. He discussed the two draft letters, “School Chemical Clean Up and Information on Bunkers at Waikele”.
- 2.4.4 There may be a funding shortfall with the HMEP Grant and there may not be enough money to conduct the two classes of Chemistry and Tactics.
- 2.4.5 There was an EPA update that announced the Ammonia Safety Training class. Companies that use or store ammonia were invited to attend in addition to other agencies. The Federal Fire Department has offered additional training for air monitoring and radiation. They are arranging to do quarterly drills with the CST (Civil Support Team), starting in February. The Air/Gas Company is also offering training in May 2012.
- 2.4.6 There is a scheduled meeting next week December 19 with the Coast Guard, OSCs, and the Fire Department about mystery barrels washing ashore. We need to determine what to do with the barrels, which will probably be testing and disposal.
- 2.4.7 There was an APEC activity summary in addition, the reports for reimbursement are being worked on.
- 2.4.8 There were three incidents of suspicious packages at UH, the letters opened by the FBI. They were turned over to UH security. The FBI suspected a bomb in a storage locker, it turned out to be possible material for a scam. Blackened paper same size as U.S. paper money.

We had a small send off for Captain Carter Davis, past LEPC Chair.

3. School Chemical Clean Up Letters and 9. Update on Request for Information, Bunkers at Waikele: Grace Simmons

- 3.1 This is a draft letter that will be sent to all high schools including charter and private schools. Examples were provided to members. Grace explained the letter contents and the offer to help schools. They would do a walk through and recommend what should be done including having schools get in touch with their Safety and Security Office for disposal of chemicals. Ten years ago the DOE, (Department of Education) ran out of money and was only able to do half of the 17 schools that were targeted. Waste chemicals could still be in the labs. Henry commented that he has seen this in the schools he has visited. Now we are looking at private and charter schools also. Henry briefed the HSERC meeting on a visit to a school lab with Dr. John Bowen and the chemicals that were stored there. Grace will be sending letters out to about thirty high schools statewide. She cautioned that not every high school will ask for a visit. Gary asked how the DOE will deal with disposal. Orasa Fernandez from DOE Safety and Security Branch confirmed that they have limited funding. Mark Behrens had mentioned to Grace about having schools get together and plan so there could be a “one time pick-up”, instead of going to each school. This would need to be coordinated among the schools. Robert Harter asked if there was a procedure to dispose of chemicals for the teacher to use. Orasa explained that there was a procedure and that teachers need to be more

informed about them. Grace hopes to use the waste coordinator from her office to set up a “trade system” for chemicals. The DOE system has a HAZCOM training program on line which should be taken annually. Gary asked for feedback on the draft letter to the schools quickly.

- 9.1 Bunkers at Waikale draft letter: Grace explained the contents of the letter asking the Navy to release information on the contents stored in the bunkers. Rick Bratt represents the Federal Government Contracting Office, he is responsible for removing the thirty-nine pallets of remaining fireworks in the bunker. These thirty-nine pallets are from a separate seizure from the fireworks that exploded. He is having a hard time getting contractors to remove those pallets. Grace has been trying to help him. Rick informed Grace that the Navy is requiring the fireworks to be removed by December 31. Gary asked for final review of the letter in order to move it forward through channels. Any suggestions for changes need to be sent to Sharon by close of business today.

4. Homeland Emergency Response Exchange (HERE): Andy Masumoto (Environmental Information Manager) and Jason Bunker (Windsor Solutions)

Andy went over how this program was developed for other states. EPA is encouraging use of this program. This program can also be used to rapidly access and pinpoint immediate and potential threats and dangers. The program can function without power or an internet connection. This is not a replacement for CAMEO, E-Plan, or others this is an additional resource. A mobile version can be used on an I-Phone, BlackBerry's, or Android phones. The security on program will prevent unauthorized access. This is a means to combine information from different sources and put them in a place where it is accessible when needed. Data is updated automatically to your Laptop, I-Phone, BlackBerry and other devices. In case of emergency it can be used in the field. It is capable of doing queries, mapping, and reports. A demonstration was conducted to show its' use. Jason gave further explanation about how other states are using this “HERE” system. When on-line the system will do continual updates. Examples were shown of what other states programs have on this system. Andy is doing a project for the HEER Office. He has obtained funds from the EPA Exchange Network Grant. Data sources to be inputted included Hazardous Waste Sites, Underground Storage Tanks, Drinking Water Infrastructures, and Tier II sites and other information as it becomes available. Andy hopes to start the project in the first quarter of 2012. Once the infrastructure is in place, which will be paid for by this grant, other state and county agencies can add their information on. When this is implemented, he will be back to show our program. For more information about the system contact Andy, Gary or Sharon. The program is free. The cost involved is for getting the data into a format that the system will accept. It would be based on environmental standards. Gary asked how it would work with CAMEO. Alex gave a brief description of what CAMEO does. Andy provided links that will have more information available.

5. EPA Update: Mike Ardito not able to attend.

There were EPA handouts on the table. Mike Ardito's contact information is, Ardito.michael@epa.gov. Phone (415) 972-3081.

6. HMEP Grant: Leighton Ah Cook State Civil Defense (SCD)

Leighton reviewed changes at the State Civil Defense. Clarice Chung will not be returning due to health problems. For the 2011-2012 year, this period covers September 30, 2011 to September 30, 2012, the total grant is \$140,944. The cost share is 80% - 20%, \$112,755 federal portion and \$28,189 for the state. He would like to use up the federal portion as much as possible. He has been in touch with Dale Mosher, Honolulu Fire Department, and Chief Kosaki on the Big Island. Training classes that have been scheduled are the Big Island chemistry course set for April 16 – 22, 2012. The tactical course will be from June 4 – 15, 2012. Dale Mosher has a chemistry course scheduled from April 30 – May 11, 2012, and the tactical course from August 27 – September 7, 2012. Both counties will have positions open for the other counties to attend. Early calculations on the cost for the chemistry and tactical courses, including travel, could cost around \$125,000. The planning money would be used so LEPC Chairs could attend the two NASTTPO conferences. This would allow two attendees per conference. Leighton had received, on December 15, from the U.S. Department of Transportation (DOT), a form that contained seventeen pages. The U.S. DOT would like a narrative and accomplishments of what was done for the past years with the funding that had been provided. It is broken down to the LEPC's level. Leighton would like the LEPCs to relay information to him about what was done in their counties. The time period that this information covers would be October 1, 2010 – September 30, 2011. The federal government is getting more critical on performance measures. They want to see what kind of improvements the grant monies have helped to make in the communities. If there are any questions, you can contact Leighton and he will try to answer them. LEPCs should start from page three of document.
7. How to make most efficient use of HMEP training grant;

There was a discussion if there is enough money for this year's two chemistry and tactical courses. For this year there are sufficient funds for the two courses. Dale Mosher informed Leighton that the CAMEO course in 2012 may be free. For Scott, his CAMEO course is on the list for 2013. The LEPCs are able to work things out with Leighton.
8. Up Coming Emergency Environmental Response Contract: Curtis Martin

The current contractor is PENCO, Pacific Environmental Company. The contract is expiring in 2012. The new contract is one year with option of additional four years. This announcement will be in the newspapers in January 2012. Proposals will be reviewed and then the selection will be made. This year we will be doing something new, the City and County of Honolulu has asked to "piggy back" on the contract. We have incorporated this and are asking if the other counties would be interested. The counties would still be paying for the services. They would just be using the same contractor as the HEER Office. Three or four contractors have expressed interest in applying for this contract. Because of the emergency extension of six months on current contract, we should have a new contract in place when the current one expires. Curtis and Harold explained about the "piggy back" feature of the new contract that will include the City and County of Honolulu. This option has been offered to the other counties.
9. Update on Request for Information - Bunkers at Waialeale
Covered with item number 3.
10. Other Business: NONE

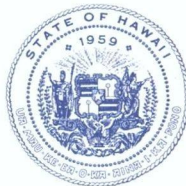
11. Schedule next HSERC Meeting

The next meeting will be held on March 30, 2012, 9:00 am.

Respectively Submitted,

Sharon L. Leonida
Environmental Health Specialist III

NEIL ABERCROMBIE
GOVERNOR



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
869 PUNCHBOWL STREET
HONOLULU, HAWAII 96813-5097

GLENN M. OKIMOTO
DIRECTOR

Deputy Directors
JADE T. BUTAY
FORD N. FUCHIGAMI
RANDY GRUNE
JADINE URASAKI

IN REPLY REFER TO:

DIR 1.10699

March 21, 2012

Mr. Gary L. Gill, Chair
Hawaii State Emergency Response Commission
c/o Department of Health
P. O. Box 3378
Honolulu, HI 96801-3378

Re: HSERC Meeting

Dear Gary:

Effective immediately, I would like to designate Jade T. Butay, First Deputy Director of Transportation, to represent DOT at the above meeting with all of the rights as a voting member as I am unable to attend the HSERC meetings due to my conflicting schedule.

He will attend in my place until further notice.

If you should have any questions, please contact me at 587-2150. Thank you,

Very truly yours,

A handwritten signature in cursive script, appearing to read "Glenn M. Okimoto".

GLENN M. OKIMOTO, Ph.D.
Director of Transportation

Leonida, Sharon L

From: Simmons, Gracelda M
Sent: Thursday, March 29, 2012 3:24 PM
To: Leonida, Sharon L; Alexander Adams (adamsa004@hawaii.rr.com)
Subject: FW: DOE Schools List
Attachments: Hawaii Principals 2011.xls; Kaimuki 030212.pdf; Kaimuki Pics 030212.pdf; Konawaena High School.pdf; Konawaena 032212.pdf

Sharon and Alex,

I may not be able to attend tomorrow's HSERC meeting. Travis (who did the site visits) and I will have to be at the capitol by 10:00.

Hopefully either one of you can just give a brief summary.

Here is a listing of the schools we sent the letters to. The other tab shows the schools that responded.

Overall, not too many requested assistance.

The big ones are Kaimuki, Konawaena and Farrington. Of those, Konawaena seems to have the most waste. Kaimuki recently disposed of their wastes and Farrington has a few but now too much.

According to Travis, the biggest concern from the schools is that they don't know who to call to dispose of the waste.

Thanks,
grace

From: Hiramoto, Travis
Sent: Thursday, March 29, 2012 3:10 PM
To: Simmons, Gracelda M
Subject: DOE Schools List

Grace,

Attached is an updated list of the schools that we sent letters to, and the schools who have responded so far. Also attached is Konawaena, and Kaimuki High Schools findings.

Thanks,
Travis

| SCHOOL | TITLE | FIRST | LAST | ADDRESS | CITY | ZIP | PHONE | FAX | GRADE | COMPLEX | LEVEL | STATE | NOTES |
|--------------------------------------|-------|---------|------------|---------------------------------|-------------|-------|----------|----------|-------|------------|-------------|--------|-------------------------------------------------------|
| Myron B. Thompson Academy PCS | Mrs. | Diana | Oshiro | 629 Pohukaina Street, Ste. #3 | Honolulu | 96813 | 441-8000 | 586-3640 | K-12 | Charter | ALL | Hawaii | Not a highschool |
| Konawaena High School | Mr. | Shawn | Suzuki | 81-1043 Konawaena School Road | Kealakekua | 96750 | 323-4500 | 323-4515 | 9-12 | Konawaena | High | Hawaii | Site vist on 3/22/12 |
| Kealakehe High School | Mr. | Wilfred | Murakami | 74-5000 Puohulihuli Street | Kailua-Kona | 96740 | 327-4300 | 327-4307 | 9-12 | Kealakehe | High | Hawaii | Site vist on 3/22/12 |
| Farrington High School | Mr. | Alfredo | Carganilla | 1564 N. King Street | Honolulu | 96817 | 832-3600 | 832-3587 | 9-12 | Farrington | High | Hawaii | Site visit on 3/28/12 |
| Halau Ku Mana | Mrs. | Patti | Cronin | 3737 Manoa Road | Honolulu | 96822 | 945-1600 | 947-4878 | 6-12 | Charter | Middle/High | Hawaii | Letter returned, undeliverable |
| Molokai High School | Mr. | Stan | Hao | PO Box 158 | Hoolehua | 96729 | 567-6950 | 567-6960 | 7-12 | Molokai | Middle/High | Hawaii | Will send pictures via email |
| Kaimuki High School | Mr. | Wade | Araki | 2705 Kaimuki Avenue | Honolulu | 96816 | 733-4900 | 733-4929 | 9-12 | Kaimuki | High | Hawaii | Site visit on 3/2/12 |
| Kua O Ka La PCS | Mrs. | Susan | Osborne | PO Box 1413 | Pahoa | 96788 | 965-5098 | 965-9618 | K-12 | Charter | ALL | Hawaii | |
| Maui High School | Mr. | Randy | Yamanuha | 660 S. Lono Avenue | Kahului | 96732 | 873-3000 | 873-3010 | 9-12 | Maui | High | Hawaii | |
| Ke Kula O Samuel M. Kamakau | Mrs. | Marci | Sarsona | 45-037 Kaneohe Bay Drive | Kaneohe | 96744 | 247-0997 | 247-0993 | K-12 | Charter | ALL | Hawaii | Called, small school, small amounts of green cleaners |
| West Hawaii Explorations Academy PCS | Ms. | Heather | Nakakura | 73-4460 Queen Kaahumanu Highway | Kailua-Kona | 96740 | 327-4751 | 327-4750 | 6-12 | Charter | Middle/High | Hawaii | Site Visit 3/23/12 |
| Pahoa High & Intermediate School | Ms. | Darlene | Bee | 15-3038 Puna Road | Pahoa | 96778 | 965-2150 | 965-2153 | 7-12 | Pahoa | Middle/High | Hawaii | |



Pollution Prevention & Waste Minimization Assessment

This report is the result of a voluntary, pollution prevention assist visit requested and agreed upon by the organization/business and is to be used for educational purposes only. This is not a compliance related document and does not represent legal advice.

| | | | |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Date: March 22, 2012 | Time on-site: 9:00 am | Organizational responsibilities (position title; name-optional) | |
| School Name: Konawaena High School | Auditor name: Travis Hiramoto, Pollution Prevention Coordinator, DOH | Environmental Compliance: | Patrick Kim Gordon Grace |
| Address: 81-1043 Konawaena School Road Kealakekua, Hawaii, 96750 | Estimated deferred (6 months) inspection date: September 21, 2012 | Waste Disposal: | Pacific Waste |
| Contact Name: Patrick Kim | | Health & Safety: | Patrick Kim |
| Title: Vice Principal | | Quality Control: | |
| Phone: | | Purchasing: | |
| Email: patrick.kim@notes.k12.hi.us | | Materials Handling: | |
| Responsibilities: Vice Principal | | Maintenance: | Gordon Grace |
| Location Description (building #s, waterways, slopes, schools): High School | | Pest Control: | Gordon Grace |
| Major work product or activity: Wood shop, auto shop, science classes, computer (e-waste) | | Utilities: | Shawn Suzuki |
| Size (# of employees): 1-100 <input type="checkbox"/> 100-499 <input checked="" type="checkbox"/> >500 <input type="checkbox"/> | | Integrated Pest Management (IPM): | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Sure <input type="checkbox"/> |
| Formal policy or mission statement supporting source reduction: | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Other: | |
| Employee incentive program for good environmental practices: | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | | |

Review of Pollution Prevention recommendations to consider:

- Properly dispose of old latex and enamel paints in the aquaculture storage area, wood shop, and S Building. Place flammable paints into a fire cabinet. Even though the paints are donated, only take what is needed.
- Properly dispose of mercury thermometers in the S Building prep room.
- Properly dispose of old and deteriorating chemicals in the stockroom.
- Properly dispose of fluorescent lighting and ballasts. Recommend having the lighting vendors who are changing out the lights and ballasts take these materials. Mail back boxes are an option for the 4-foot tubes. Ballasts and fluorescent lighting should not be thrown into the dumpster.
- Have a refrigerant company drain and dispose of old refrigerators in the storage area near the shooting range.
- Keep an inventory of chemicals in all of the stockrooms, and update it often. Utilize the first in, first out method to eliminate hazardous waste disposal.
- Recommend contacting the Department of Education's, Safety and Security Office for disposal options of the chemicals, thermometers, and paints.



| | Waste streams reviewed (all media) | List <i>current source reduction</i> efforts; include date implemented, recurring years and cost savings if known. *Implemented as a result of previous P2 assessment? Note Y for yes. | | | | | Notes: |
|---|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------|------------------|-----------------|-------------------------|
| | | Source reduction activity* | Amount generated prior | Amount after | Date implemented | Recurring years | |
| 1 | Bottles and cans (HI-5) | Recycle | | | | | Konawaena Go Green Club |
| 2 | | | | | | | |
| 3 | | | | | | | |
| 4 | | | | | | | |
| 5 | | | | | | | |
| 6 | | | | | | | |
| 7 | | | | | | | |

Computerized / formalized information systems available (check all that apply):

- Hazardous raw material purchased; Environmentally preferable products (EPP); Green Procurement
- Hazardous waste manifesting
- Hazardous waste disposal tracking. Is it linked with the process generating the waste? Yes No
- Waste management methods (recycle, treatment, fuel blend)
- Bill of ladings
- Other waste tracking (medical, solid)
- Expiration dates
- Reporting for hazardous waste / material
- Water use
- Energy use
- Vendors (both raw materials & waste)
- Health & Safety data (MSDS; incidents)

Material and resource tracking is important to evaluate overall business practices. Automation of this can further improve efficiencies.



Pollution Prevention Resource List:

U.S. EPA

- Energy Conservation: Energy Star Program, <http://www.energystar.gov/index.cfm?c=home.index>
- Green Procurement: Environmentally Preferable Purchasing, <http://www.epa.gov/opptintr/epp/pubs/about/about.htm>
- Hazardous Waste Regulations <http://ecfr.gpoaccess.gov>, Title 40, Vol. 25, parts 260-265
- Integrated Pest Management: In Schools (but applicable to all facilities) <http://www.epa.gov/pesticides/ipm/index.htm>; U.C. Davis, <http://www.ipm.ucdavis.edu/>
- Landscaping, <http://www.epa.gov/epaoswer/non-hw/green/pubs/brochure.htm>
- Pollution Prevention: <http://www.epa.gov/epahome/p2pgram.htm>; Western Regional P2 Network <http://wrppn.org/hub/index.cfm>, Topic Hubs
- Universal Waste: <http://www.epa.gov/epaoswer/hazwaste/id/univwast/index.htm>
- Water Pollution: <http://www.epa.gov/ebtpages/water.html>

State Department of Health (DOH), Solid & Hazardous Waste Branch (SHWB)

- Hazardous Waste Rules: <http://www.hawaii.gov/health/environmental/waste/hw/index.html>
- Pollution Prevention: <http://www.hawaii.gov/health/environmental/waste/sw/wastemin.html>
- Recycling (HI 5): <http://www.hawaii.gov/health/environmental/waste/sw/sw/hi5/index.html>
- Solid Waste (Construction debris, lead paint, E-waste recyclers, auto wreckers, landfills): <http://www.hawaii.gov/health/environmental/waste/sw/index.html>

State Department of Business, Economic Development and Tourism (DBEDT)

- Energy Efficiency: <http://www.hawaii.gov/dbedt/info/energy/efficiency/>
- Green Procurement: Environmental Product Guide, http://www.hawaii.gov/dbedt/info/energy/resource/greenpurchasing/DBEDT_EPGuide2005_Proof4.pdf

Other Local

- Energy Efficiency: Hawaiian Electric Company, www.heco.com
- Recycling: City & County of Honolulu, www.opala.org

Water Conservation: Board of Water Supply, www.hbws.org

Electronic Waste Pollution Prevention Tips:

Cathode Ray Tubes & Computer Equipment

- Upgrade software without replacing hardware.
- Upgrade hardware without replacing the monitor.
- Work with suppliers to procure equipment with less hazardous components. Visit www.epeat.net.
- Arrange with suppliers to take equipment back (or lease equipment rather than purchase).
- Donate useable working systems to non-profit entities.
- Look for Electronics that:
 - Are made with fewer toxic constituents.
 - Use recycled content.
 - Are energy-efficient (Energy Star label).
 - Are designed for easy upgrading or disassembly.
 - Use minimal packaging.
 - Offer leasing or take-back options.

–Procurement Tool: <http://www.epeat.net/>.



Pollution Prevention & Waste Minimization Assessment

This report is the result of a voluntary, pollution prevention assist visit requested and agreed upon by the organization/business and is to be used for educational purposes only. This is not a compliance related document and does not represent legal advice.

| | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------|------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Date: March 2, 2012 | | Time on-site: 8:28 am | Organizational responsibilities (position title; name-optional) | |
| School Name: Kaimuki High School | Auditor name: Travis Hiramoto, Pollution Prevention Coordinator, DOH | | Environmental Compliance: | Mike Viernes |
| Address: 2705 Kaimuki Avenue, Honolulu, HI 96816 | Estimated deferred (6 months) inspection date: September 3, 2012 | | Waste Disposal: | |
| Contact Name: Mike Viernes | | | Health & Safety: | Mike Viernes |
| Title: Vice Principal | | | Quality Control: | |
| Phone: (808) 733-4900 | | | Purchasing: | Wade Araki |
| Email: michael_viernes@note.s.k12.hi.us | | | Materials Handling: | |
| Responsibilities: Vice Principal | | | Maintenance: | John Bade |
| Location Description (building #s, waterways, slopes, schools): High school | | | Pest Control: | John Bade |
| Major work product or activity: Electrical shop, swimming pool, wood shop, auto shop, science classes, scene shop, screening/paint class | | | Utilities | |
| Size (# of employees): 1-100 <input type="checkbox"/> 100-499 <input checked="" type="checkbox"/> >500 <input type="checkbox"/> | | | Integrated Pest Management (IPM): | Yes <input type="checkbox"/> No <input type="checkbox"/> Not Sure <input checked="" type="checkbox"/> |
| Formal policy or mission statement supporting source reduction: | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | | Other: | |
| Employee incentive program for good environmental practices: | Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | | |

Note:

Review of Pollution Prevention recommendations to consider:

- Properly dispose of mercury thermometers and lead specific gravity instruments in the Science Building (G) chemical storeroom.
- Properly dispose of old computers, power supplies, monitors, and printers (e-waste) found in the computer lab, library, former aqua shop (K), and room G102.
- Properly dispose of used oil, old gasoline, solvents, grease, batteries, and spent fluorescent lamps in the auto shop.
- Properly dispose of paints and finishers in the wood shop and scene shop. Do not allow paint to dry with the lids open in an enclosed area.
- Consider chlorine replacement for the pool. Possible options are saltwater, bromine, ozone, ionization.
- Keep inventory of the materials in the auto shop, wood shop, and scene shop. Utilize the first in, first out method. Place labels on drums to identify when solvents and oils are in use.
- Properly dispose of air conditioning units stored in the boy's locker room (Q).



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- Pollution Prevention: <http://www.epa.gov/epahome/p2pgram.htm>; Western Regional P2 Network <http://wrppn.org/hub/index.cfm>, Topic Hubs
- Universal Waste: <http://www.epa.gov/epaoswer/hazwaste/id/univwast/index.htm>
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- Solid Waste (Construction debris, lead paint, E-waste recyclers, auto wreckers, landfills): <http://www.hawaii.gov/health/environmental/waste/sw/index.html>

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**U.S. Environmental Protection Agency Pacific Southwest Region
Emergency Prevention and Preparedness Program Update
For the Hawai'i State Emergency Response Commission
Meeting in Honolulu, Hawai'i on Friday, March 30, 2012**

Ammonia Safety Training for Hawai'i

The U.S. Environmental Protection Agency, along with the Ammonia Safety Training Institute, recently provided free, regulatory compliance and safety training for hazmat response agency members and for personnel from facilities storing reportable quantities of ammonia in Hawai'i. There were close to 70 class attendees for the full-day of training held on January 25 at the Honolulu Fire Department Training Center on Valkenburgh Street in Honolulu.

Update on Aloha Petroleum Spill

EPA oil program inspectors conducted a series of SPCC inspections throughout the Hawaiian Islands in late October / early November 2011. EPA assessed compliance with the Oil Spill Prevention, Control and Countermeasure (SPCC) and Facility Response Plan (FRP) requirements at terminals on Oahu, Kauai, and Big Island (Hilo and Kona). The EPA's oil program conducted inspections on Oahu this week and will continue with inspections next week on Maui and the Hilo area of the Big Island.

Aloha Petroleum East in Hilo experienced a spill of more than 14,000 gallons of ultra low sulfur diesel from an aboveground storage tank during receipt of product from a barge at the harbor on November 1, 2011. The spilled fuel percolated into the containment basin and migrated into the subsurface. Approximately 65 gallons were recovered while approximately 13,935 gallons remain unaccounted.

Permeability of secondary containment basins are at issue with the Aloha incident and a persistent problem at large terminals throughout the islands. EPA is working with many of the terminals on the permeability issue and requesting that all facilities conduct permeability studies on their containment basins to ensure they are adequate to contain spilled fuel until cleanup can occur.

If there are questions on the process or status of these issues at EPA, you may contact Janice Witul (415-972-3089) or Pete Reich (415-972-3052).

Fiscal Year 2013 Draft National Program Manager (NPM) Guidance and EPCRA Sections 311 / 312

As earlier Local Emergency Planning Committee (LEPC) updates and EPA outreach indicated, due to budget shortfalls and other program considerations, the EPA HQ Office of Enforcement and Compliance Assurance (OECA) proposed a national disinvestment from enforcing EPCRA Sections 311 / 312 (Tier 2 submissions) beginning in federal

fiscal year 2013. The investment reduction was proposed under the auspices of the Draft National Program Management guidance released in February 2012. EPA's OECA office is currently evaluating written comments from stakeholders on this draft and may consider a reduced federal presence for EPCRA Sections 311 / 312 enforcement rather than a complete disinvestment. The Final NPM guidance will be released in April 2012.

Regardless of the Final NPM guidance outcome, the EPA will still continue to provide federal enforcement of EPCRA Section 304 for emergency release reporting. EPA Region 9 will also continue to provide non-enforcement program support and partnerships to State Emergency Response Commissions (SERCs) and LEPCs for EPCRA related issues.

Update on EPA Plans to Re-Establish Internet Access to RMP Database

The EPA was exploring plans to re-establish internet access in July 2012 to the Risk Management Plan (RMP) database, except for the Off-site Consequence Analysis (OCA) sections. On March 28, 2012, Lawrence Stanton, director of EPA's Office of Emergency Management, released a statement indicating that EPA, based upon comments received from stakeholders, decided to extend the discussion with interested parties on this subject. Therefore, the EPA is postponing the July 2012 target date indefinitely.

The agency received several comments expressing concern that providing non-offsite consequence analysis (or non-OCA) data online may pose a threat to national security. The EPA is particularly mindful of these concerns. All RMP information was voluntarily removed by EPA from the Agency's website following the terrorist attacks of September 11, 2001. Reasonable concerns have been raised that certain types of non-OCA data should not be posted. The agency is also aware of and sensitive to local community "right-to-know" needs about RMP facilities. For this reason, the EPA is looking to continue the dialogue on how to best allow access to share some portions of the RMP data in a way that balances the public's right-to-know about the chemical risks present in their community, with the need to protect our national security.

Under the Risk Management Plan program, hazardous chemical facilities must submit RMPs to EPA as required by the Clean Air Act Amendments of 1990. The agency maintains a national electronic database of RMPs, and that database currently includes plans from approximately 13,000 active RMP facilities.

The EPA identifies two categories of information contained within or derived from RMPs. These are:

- Off-site Consequence Analysis (OCA) information, which includes the portions of RMPs that describe a regulated facility's worst-case scenario(s) and alternative (more likely) release scenarios, and also includes any statewide or national facility rankings developed by EPA which is derived from this information.
- Non-OCA information, which includes the remaining portions of RMPs, including facility registration information, the history of serious accidental

releases at the facility, information about the facility's accident prevention and emergency response programs, and an executive summary.

Under the law, public access to OCA information is very limited. In August 1999, the President signed the Chemical Safety Information, Site Security, and Fuels Regulatory Relief Act (CSISSFRRRA). The law restricted the public access of OCA to those with an official need for the information. However, the law and its implementing regulations do allow members of the public limited access to OCA information in designated federal reading rooms, which are usually located in EPA regional offices or Department of Justice offices in each state. Additionally, owners of RMP facilities may make their facility OCA information available to the public, but are not required to do so. There are no legal restrictions on the distribution of non-OCA RMP information.

In late 1999, shortly after the RMP regulation went into effect, the EPA made non-OCA RMP information available to the public via the EPA's internet website. However, after the terrorist attacks of September 11, 2001, the EPA made a voluntary decision to remove all RMP data from the agency's website. Since that time, members of the public desiring access to current non-OCA RMP information from EPA must either visit a federal reading room, or send a Freedom of Information Act (FOIA) request to the agency. The failure to have the non-OCA portions of the RMP database accessible through the agency's website has led to a bureaucratic burden upon the requesters and the agency without any significant additional protection of the information.

The EPA was planning to restore public access to this information. That would allow easier access for the public sector such as community members, police, fire fighters, medical emergency responders, emergency management planners, State Emergency Response Commissions, and Local Emergency Planning Committees.

The EPA still requests input on how the agency may find a balance to achieve both goals – community right-to-know and national security. The EPA will be working to arrange a number of opportunities for dialogue on this subject. If you have comments to share on the best way forward to provide this information online, including any areas for compromise, please contact the EPA's Office of Emergency Management in Washington at 202-564-8600. Comments may be sent to EPA's Director for the Office of Emergency Management, Larry Stanton at Stanton.Larry@epa.gov or to the Deputy Director, Dana Tulis, at tulis.dana@epa.gov.

FEMA Requests Comments on Documents Prior to April 2

The Federal Emergency Management Agency (FEMA) and its partner agencies are seeking input on a series of draft national planning frameworks related to incident Response, Prevention, Protection, and Mitigation. FEMA is updating the existing National Response Framework, and federal agencies have developed new national frameworks for Prevention, Protection, and Mitigation activities.

- The National Response Framework addresses how the "whole community" -- which includes all levels of government, individuals and communities, businesses, non-profits, and faith-based organizations -- work together to respond to "all-hazard" incidents.
- The National Prevention Framework addresses whole community roles and actions in the prevention of terrorism in our Nation.
- The National Protection Framework addresses whole community roles and actions in protecting our Nation against natural disasters and man-made hazards, including terrorism.
- The National Mitigation Framework addresses whole community roles and actions in lessening the impact of disasters through mitigation.

In addition, you may be aware that FEMA issued a National Disaster Recovery Framework in September 2011. FEMA has just developed a draft Federal Recovery Interagency Operational Plan, which supports the Framework and provides additional details on Federal implementation of the Framework.

All of this work is being conducted under a presidential directive called Presidential Policy Directive-8. FEMA and its partner agencies have released these draft documents for a national public engagement period and is inviting national comment on these documents by April 2. You may download a copy of these documents and instructions for providing comments on them at the following FEMA website:

<http://www.fema.gov/prepared/ppd8.shtm>

EPA Pacific Southwest EPP Program Contact

For more information about the U.S. EPA's Emergency Prevention and Preparedness program for Hawai'i, you may contact the liaison, Mike Ardito, at 415-972-3081 or by email at ardito.michael@epa.gov .