

**HSERC MEMBERS OR THE VOTING REPRESENTATIVES'
SIGN-IN SHEET FOR MARCH 7, 2014**

Scott Enright
Dept. of Agriculture
Board of Agriculture

Tin Shing Chao
Occupational Safety and Health Division
Department of Labor and Industrial Relation



Henry Silva
Hawaii Representative/LEPC Chairperson
Hawaii County Fire Department

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

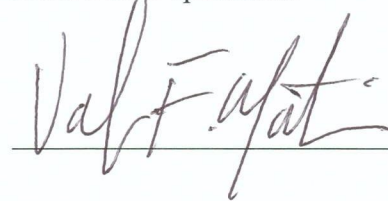




Albert Kauai
Kauai Representative/LEPC Chairperson
Kauai Fire Department

Scott Kekuewa
Maui Representative/LEPC Chairperson
Maui Fire Department





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

Genevieve Salmonson
Director
Office of Environmental Quality Control



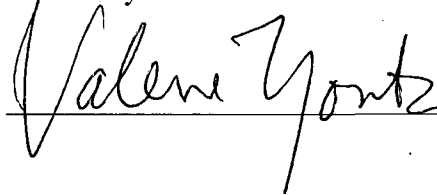
**HSERC MEMBERS OR THE VOTING REPRESENTATIVES' SIGN-IN
SHEET FOR MARCH 7, 2014**

Audrey Hidano,
Deputy Director - Administration
Department of Transportation

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

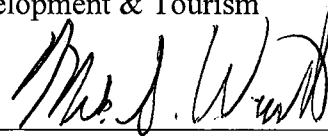
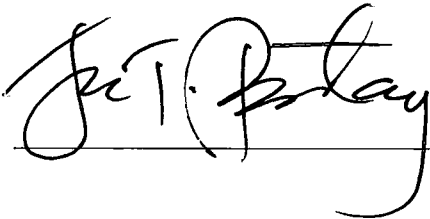
Doug Mayne
State Civil Defense
Department of Defense

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



Jade Butay,
Deputy Director
Department of Labor and
Industrial Relations

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



HSERC MEETING SIGN-IN SHEET FOR MARCH 7, 2014

Name	Organization	Telephone #	Fax #	E-Mail
Bryf				
C Martin	HEER	586-4249		
ROBERT H-H HARPER	C+COFH/DEM/LEPC	723-8958		RHARPER@HONOLULU.GOV
Keith Kawada	HEER	586-4249		
Mark Behrens	DOE	586-3457		
Terry Corpus	HEER	586-4249		terry.corpus@dbh.hawaii.gov
Adam Teetzell	HEER	586-4249		adam.teetzell@dbh.hawaii.gov
Val Martin	Maui Fire Dept.	270-6232		valeriano.martin@maui-county.gov
Cynthia Pay	Nany	864-2463		
Alan Carvalho	Honolulu Fire Dept	630-3140		acarvalho@honolulu.gov



LIEUTENANT GOVERNOR'S
OFFICE

14 FEB 28 P 3 03
STATE OF HAWAII
DEPARTMENT OF HEALTH
P.O. Box 3378
HONOLULU, HAWAII 96801-3378

In reply, please refer to:
File:

HAWAII STATE EMERGENCY RESPONSE COMMISSION
MEETING #94

Friday, March 7, 2014 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
Announcements, Remarks, Introduction Health
Approval of Minutes from Mtg #93
- 2) 9:20 LEPC Updates Henry Silva, Hawaii LEPC Representative
Albert Kauai, Kauai LEPC Representative
Scott Kekuewa, Maui LEPC Representative
Alex Adams, Oahu LEPC Representative
- 3) 9:40 School Chemical Lab Clean Up Mark Behrens, DOE Safety and Security
Update on Removal of Chemicals
- 4) 10:00 Globally Harmonization System: HSERC, LEPC, Lynn Bailey
How to Increase Awareness
- 5) 10:20 Recommendations On How To HSERC, Henry Silva
Disperse Tier II Information Bob Harter
- 6) 10:40 HAZ CAT Skill Development Liz Galvez, Sonia Campbell
- 7) 11:00 EPA Update Mike Ardito, USEPA Region 9
- 8) 11:10 Time Limit for Keeping Tier II Robert Harter, City and County
Records Department of Emergency Management
- 9) 11:20 HMEP Grant Harold Lao, HEER Office
- 10) 11:30 Other Business HSERC, LEPC
- 11) 11:40 Schedule next HSERC Meeting HSERC, LEPC

JUNE

2017

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

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Flag Day

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Father's Day

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Summer begins

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St. Jean Baptiste Day (Quebec)

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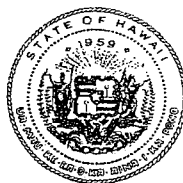
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First of Ramadan begins at sundown

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In reply, please refer to:
File:

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

HAWAII STATE EMERGENCY RESPONSE COMMISSION
MEETING # 93

Friday, December 6, 2013, 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, Dept. of Labor and Industrial Relations; Alex Adams, Honolulu LEPC; Doug Mayne, SCD, Dept. of Defense; Valerie Yontz, Public Health Studies, University of Hawaii; Herman Tuiolosega, Office of Environmental and Quality Control; Mark Want, Dept. of Business Economic Development & Tourism; Lovell Koike, OSHA, Dept. of Labor and Industrial Relations

Non-Voting: Keith Kawaoka, Sharon Leonida, Beryl Ekimoto, Curtis Martin, Harold Lao, Liz Galvez, Dept. of Health, HEER Office; Robert H. Harter, City and County of Honolulu, Dept. of Emergency Management; Gerald Kosaki, Hawaii Fire Dept.; Philip Moravcik, University of Hawaii; Cynthia Pang, U.S. Navy, Eric Jensen, Tetra Tech

1. Gary Gill, Chair, called the meeting to order at 9:08 am.

1.1 Introduction of Attendees. Several people have switched positions, Jade Butay is now with the Department of Labor and Industrial Relations. Audrey Hidano has been appointed to the Department of Transportation. Herman Tuiolosega is the acting Deputy Director of OEQC.

1.2 Approval of minutes for meeting #92, **no objections to minutes as presented, minutes adopted.**

2. LEPC Updates:

2.1 Hawaii County: Gerald Kosaki, Henry Silva

2.1.1 The LEPC meeting was held on November 21, 2013. The next meeting will be on February 6, 2014.

2.1.2 Tier II, non-compliance on reporting of facility. Hawaii is looking for different ways to make the public and businesses aware that they may be required to file a Tier II report. They discussed using social media, statewide use of the different news agencies, and post notices on their websites. Using the county websites to spread Tier II information was also mentioned. They will continue to look for new ways to get Tier II information out to the public.

2.1.3 There was a discussion on school labs, pictures of chemicals that are still being held at the schools were shown to the committee. These were passed around to HSERC members to see.

- 2.1.4 Sept. 19, 2013, at 3:30 am on the Hamakua Coast, the cab of a tractor trailer was on fire. Driver was unharmed; there was eight thousand-four hundred gallons of diesel in the tanker. Fire dept. cooled down the tanker and put out cab fire.
 - 2.1.5 November 15, 2013, at 2:00 on Kawaihae Road, a driver lost control of his truck's brakes. It was carrying eight thousand-four hundred gallons of diesel fuel. The truck ran off the road, hit a mound and separated. The driver died and the fueling spout on the tanker was sheared off. A total of 1,900 gallons leaked out. Fire department and the responsible trucking company recovered about six thousand gallons. Another truck accident occurred on Saddle Road where the cab separated. One person was ejected and died. It took several hours to extract the second person from the cab, he survived.
 - 2.1.6 There have been multiple bush fires on Highway 190, Gerald suspects these have been maliciously set. Another fire occurred this morning. This person has not been caught yet. Discussion on how long responsible trucking company took to arrive to offload the fuel leaking from the truck. For both truck accidents, it was C & F Trucking. Liz will be showing pictures and talking about the incidents. There was an explanation on the valve that was cut off and how it works.
- Gerald explained how the decisions are made in the field by the fire department.
- 2.2 Kauai County: Albert Kauai
 - 2.2.1 The last LEPC meeting was on November 14, 2013, next meeting will be on February 19, 2014.
 - 2.2.2 He gave updates on HSERC to the LEPC members.
 - 2.2.3 After the meeting, Albert, Sharon, and Beryl went to the City and County of Kauai Public Works Department. Due to retirement, Tier II reports had not been sent in. We talked to a gentleman in the department, he would make sure the forms would be completed and sent in. We also visited the Mayor's office to talk about the distribution of the Tier II Brochures.
 - 2.2.4 Liz Galvez did HAZCAT Training with the three Hazmat Battalions on November 21, 22, 23, 2013. Hazcat kits were also updated.
 - 2.2.5 Albert and Captain Reed from Kauai Fire attended the Mid-Year NASTTPO Conference in Houston, Texas, They stayed on for the HOTZONE Training.
 - 2.2.6 An incident of white powder in an envelope at the County of Kauai Purchasing Office. It was silica sand. The envelope was traced to sender. The company claimed that they do not use that substance.
 - 2.3 Maui County: Scott Kekuewa – Both Scott and his alternate are involved in Recertification Training. No one was able to attend.
 - 2.4 Honolulu City & County: Alex Adams
 - 2.4.1 There have been two HSERC meetings since Honolulu LEPC had their last meeting. The next LEPC meeting was held on December 11, 2013.
 - 2.4.2 Federal Fire Department invited HFD to attend HAZCAT Training. On duty companies attended on different days. Liz also gave HAZCAT Training to the department. There was a question and answer session after that training.
 - 2.4.3 All HAZMAT Teams and the Kalealoha Fire Station 40 were invited to tour the new FBI building at Kalealoha, formerly Barbers Point Naval Air Station. There was a briefing and walk through of the facility. FBI would not allow pictures to be taken. They have an in house maintenance section for their vehicles.

- 2.4.4 In November Pohakea and Kaimiloa Elementary Schools both had neighbors that sprayed Malathion on their private properties. The next day kids were exposed to it. Eight children and two adults were affected, and one child was transported to the hospital. The next day, Kamiloiki Elementary had an incident. Odor was faint and they could not detect where it was coming from. There was a massive evacuation, only two children were transported. Bob has a good handout on Malathion, it will be available at the next LEPC meeting.
- 2.4.5 At the next LEPC meeting Walter Medina will be talking about the Global Harmonization System. John Wypack will be doing a long distance presentation on Hurricane Sandy Response. He will be in EPA Region 9. The presentation will be on slides. HFD is working with the 93th CST (Civil Support Team) on the air monitoring program. They will be doing the air monitoring for the Honolulu Marathon. Clandestine Lab Training is coming up. It will be a five day class with the Attorney General's Office. Department of Emergency Management Office is working on "Disaster Debris Management Plan for The City." They are looking at how 'Household Hazardous Waste' is being handled after Hurricane Sandy struck the east coast. They are checking on what regulatory waivers would be needed if materials needed to be burned and how to handle different situations as they occur.

Discussion on Global Harmonization System, training should have been completed by December 1, 2013. Lovell Koike, HIOSHA, explained how inspectors would check to see if training had been completed. Gary would like to have this on the agenda for the next HSERC. Have ideas on how to get information out to the public and businesses on this training. People should be getting training on this subject as it goes into effect in 2015.

3. Recent Incidents That have Been Reported: Liz Galvez

- 3.1 These are incidents that Liz has handled; there are two other on-scene coordinators who were not able to attend.

There were eight incidents; four of them took place three weeks before this HSERC meeting.

1. September 2013, cylinder washed ashore at a beach park on Kauai. The parks department tried to dispose of it, they could not, they stored it at their base yard. Liz got the cylinder and transported it to the harbor. It was put on a sled, towed out to sea and was vented. This cylinder was confirmed to be Japan Tsunami Debris. Liz explained what had to be done to confirm this. It took a month and she kept the tag that was on the tank. The tank contained propane residue.
2. Next cylinder washed ashore on the Coconut Coast of Kauai. Surfrider Foundation claimed it was Japan Debris, it was not. Writing on the tank was Chinese, it contained three gallons of sea water and residual Kerosene.
3. A 12-14 foot boat was adrift, the owner was cooking while fueling his boat. Rope that held the boat to the deck burned. The five gallons of oil in the boat burned. DLNR retrieved the boat and it was classified as solid waste.
4. A Philippine Airlines plane refueled, left, and returned for additional fuel. Liz was called at 4:30 am and was told it was a fifty gallon spill. At 4:00 pm, she was told it was now eight hundred gallons of fuel. Liz went to the airport, by evening the total was two thousand gallons. DOT worked with Liz, a company had been contacted to check the stump pumps every day. If they get a spill report they do the cleanup. Liz showed slides of the canal where the spill was contained, this was about three-fourths of a mile from where the spill occurred. She requested more resources from PENCO because it was getting dark. Using

two skimmers, they managed to recover most of the two thousand gallons. Operations closed at 11:00 pm for the night. The next day Liz asked Airport Fire Department to do a control wash to make sure everything was out. Liz calculated that out of 916 gallons of oil-water collected, 856 gallons of fuel was recovered. She believes that the most likely scenario is that 1,100 gallons of fuel was released. Liz showed slides of where in the canal the fuel ended up.

5. November 29, 2013 Grace Pacific at Makakilo smashed an old capacitor. Lab results were in parts per million, estimated. Lab used for testing was ASN. This site has been referred to the Remediation Section of the HEER Office,
 6. Lanai had a 55 gallon metal drum wash ashore. Two young ladies rolled it to shore. Some substance got on their hands. Beer was used to decontaminate themselves. Fire did basic Hazcatting, results showed positive for both pesticides and chlorinated substance. Samples sent in to Sonia at the UH lab identified it as a solvent. PENCO was used to do disposal.
 7. Containers found on a beach, Maui fire did their hazcatting. Results showed it to be an acid. Liz showed the Hazmat ID, Portable Chemical Detector. This time it showed up as 88%, positive. There is more confidence in testing if it showed up as 98%.
 8. Liz talked about both of the Big Island truck accidents that Chief Kosaki had reported on earlier.
4. Update On Improving Chemical Facility Safety and Security: Keith Kawaoka
- 4.1 Slides that were used were from the EPA Program that is going on at the national level. Executive Order 13650 was issued in August of 2013. Keith explained that while we are not required to do this, it is strongly recommended. The basic issue is chemical facility safety versus security. This has been discussed before at different forums. This order is to identify information in facilities that were not being looked at now and what gaps may be in that information. This order was signed August 1, 2013, there are four main objectives. There are over twenty agencies at the federal level that are involved in this order. The primary agencies are the Department of Labor, EPA, and the Department of Transportation. It also involves the SERCs and LEPCs, this is to improve operations and coordination. This also includes the Tribal groups, state regulators and first responders. This basically is to have access to key information in a format that is used to prevent, prepare for and respond to chemical incidents. That is the chemical safety part, the right to know part. Example, if you live near a facility or have jurisdiction for that facility, you should have information ready in case something happens, or to prevent something from happening. The coordination and sharing portion of this order is to look at safety and security of federal chemical facilities through regulations, reporting requirements, inspections and voluntary partnership. It is supposed to establish a cross-agency group. It would be a federal wide group that is being put together. They are also looking at any innovative approach to work together. Mark Want commented, that it seems this is to look for gaps, not putting in new requirements. Keith mentioned that new laws may result from this. The federal group will be looking at different regions. They want to examine what their practices are, or what test methods they are using. These could enhance better cooperation for safety and security. Federal agencies look for ways to modernize and share chemical information that the federal, state, or regional levels do not share now. The procedures that we are using now may change because of this order. The Federal government wants to look at all stake holders that are involved with having chemical information. This is to reduce the risk, if we are unable to prevent the problem. This information should be available to first responders and others involved in an emergency. Keith mentioned the programs involved. Explanation about Homeland Security and CFATS, Chemical Facilities Anti-Terrorism Standards. Homeland Security is reluctant to give out information to the public, SERCs and LEPCs. This order looks at who should have this information.

The government is looking at what the countries approach should be on chemical facilities. This will involve all levels of government, also the public and private agencies. The organizing, implementing, and assigning will take about a year or year and a half to complete. Keith showed slides on an implementing table. He talked about CVI, Chemical Terrorism Vulnerability Information. The RMP, Risk Management Program, Process Safety Management Program, may be expanded. Implementing this order will continue into August 2014. Many things may come out of this, we don't know how or to what extent it will affect us or the counties. First responders do need this information. The working group will hopefully be able to give more information and guidance to us at the local level. The EPA handout gives information on the different dates of the webinars. Comments can be emailed to Homeland Security. Bob Harter of the DEM announced they will have their EOC open for people who want to be involved with the December 16th webinar. You can also do it from your own computer. Mark Want questioned if LEPCs and states will have the chance to give input into this. Comments can be given now and in the future. Suggestion that we consolidate all comments, we can submit then with all the mayor's and governor's signatures to have more of an effect (impact). We will continue to monitor the progress of this executive order. This should be on a later agenda.

5. Draft For Policy and Procedures On Releasing Tier II Information: Curtis Martin
 - 5.1 Curtis explained that this is the final draft. Handouts are on the table, get comments to him as soon as possible. If no comments it will be sent to Gary for his signature. A resolution is needed from HSERC, delegating authority for the HEER (Hazard Evaluation Emergency Response) Office to respond to request for Tier II records. The office has a ten day limit to respond to requests. Valeria moved to accept the motion and Doug Mayne seconded. Motion "Delegate to the HEER Office, on Oahu, the authority to respond to public information request on Tier II Data." There was a discussion on the amount of requests received for Tier II. HEER Office receives requests daily and they are processed in the order it is received. Keith explained that after checking with other members of NASTTPO and other states, we are not being as harsh. There were no comments and no objection to the motion. With an affirmative vote of all members present, resolutions is adopted.
6. HMEP Grant Update, CAMEO Training: Sharon Leonida
 - 6.1 Sharon gave a brief summary of the grant and CAMEO. There had been a CAMEO presentation at past meeting. She give an explanation on how CAMEO training was handled in past years. Training will now be done using HMEP funds. Waiting period for training will be shorter. Honolulu and Big Island will be getting the Hazmat Training this year. Kauai will be sending their personnel to both counties for training.
7. HSERC Financial Report, Tier II Division of Funds: Curtis Martin
 - 7.1 Curtis explained what was on the handout. Division of funds are determined by percentage, the Number of paying facilities in each county determines the amount of money each county receives. Motion to approve the split made by Henry, Alex seconded. Gary asked for a show of hands for approval to accept the budget split as presented. Budget was accepted.
8. EPA Update: Mike Ardito, USEPA Region 9 (Handout)

Sharon pointed out the sessions for the webinars. Mike Ardito's contact information is on the handout if anyone would like to contact him for additional information.
9. New Tier II Forms and Changes: Sharon Leonida

9.1 Sharon went over the changes and explained what has been added on to the form. Information from last year's Tier II program can be transferred into this year's program. Henry asked if HSERC could help promote Tier II reporting using different types of media. Request to do a broad campaign to encourage compliance with Tier II reporting. Questions on how many businesses don't report. Mark Want had received a memo about a month ago to send out information sheet to all business that are state permitted or regulated. Different suggestions on how to promote Tier II reporting. Letters sent out to each county to ask for help with distributions of the brochures. Gary suggested a committee or working group. We should try to determine how the word has gotten out on Tier II so far. Also, what the rate of compliance is, projected or estimated to be, as best as we can. Find out where the void is. Look at a strategy to address further information distribution or encourage compliance. Gary asked for volunteers to gather information and recommendations for the next HSERC meeting. Henry and Bob have agreed to help.

10. Other Business: School Labs

10.1 Henry contacted the fire council and asked why they denied the request to have the additional questionnaire included in the school inspections. They do not have any enforcement powers. They would not be able to help with the cleanup. Henry passed around pictures that Travis, from Solid and Hazardous Waste Branch, had taken in some of the school labs. Henry is concerned that clean up is not being done. Gary suggested that we send a letter to DOE and ask them to report to HSERC on an annual basis telling us how many school clean up they have done. Doug Mayne suggested we ask Ray L'Heureux, Mark Behrens boss, to come to HSERC to have him tell us what they have been doing. Gary suggested we invite DOE to attend the next HSERC. They could do a presentation on what they have done and plans for the future. If they plan to request more funding, HSERC could write a letter to the legislature to support them.

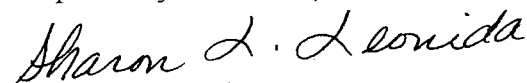
Gary attended a meeting with other Public Health Officials from different states, meeting was held in Washington D.C. in November. He shared what we have done for the school lab clean up. The thirty or so officials showed a lot of interest. He will be keeping them informed of what we have done and the success of the program. These officials were not aware they may have these same problems in their states.

10.2 Doug Mayne announced that State Civil Defense will continue to push legislation to revise the SCD statutes. Fire and police departments and other partners may be receiving letters asking for testimony to support HB 849. This is a bill from last year that was carried over. It will make the law comply with common practice now being used. Mayors in each county are the head of their civil defense. They are the head of that agency because they are appointed as deputy directors of Civil Defense by the Adjutant General. They have no power or authority, this will give them the power and authority for emergency management because they are the Mayor. That is the major change, it will clarify a lot of the rules and responsibility.

11. Schedule Next HSERC Meeting

Next HSERC meeting will be on March 7, 2014. Meeting was adjourned at 11:18 am. Happy Holiday Season.

Respectively Submitted,



Sharon L. Leonida

Environmental Health Specialist III

	SCHOOL	AMOUNT
2014	Palolo Elementary	
	Waipahu High	
	Maemae Elementary	
	Roosevelt High	
	Pahoa High/Intermediate	
	Kea'au High	
	Kailua Intermediate	
	Aiea High	
	Kealakehe High	
	Castle High	
Kaiser High		
2013	Kaaawa Elementary	\$8,145.58
	Hilo High	\$6,163.36
	Kapalama Elementary	\$2,048.17
	Lahainaluna High	\$8,527.36
	Laupahoehoe Elementary	\$3,674.99
	McKinley High	\$1,647.12
	Kawananakoa Middle	\$3,300.78
	Waianae High	\$3,738.74
	King Kekaulike High	\$3,541.19
	Leihoku Elementary	\$1,016.75
	Various Kauai Schools	\$10,025.67
	Waimea Elementary	\$1,254.44
	Kahakai Elementary	\$2,012.10
	Kapaa Complex	\$5,536.84
	Nanakuli High	\$6,235.60
	Lokelani Elementary	\$3,567.02
	2012	Kahului Elementary
Pauoa Elementary		\$1,180.46
Helemano Elementary		\$4,905.72
Mililani High		\$5,525.33
Nanaikapono Elementary		\$684.87
Mililani Uka		\$5,505.36
Maui Waena		\$7,995.27
Jarrett Middle		\$1,004.11
Farrington High		\$5,207.70
Olomana School		\$2,190.77
Waiakea High		\$5,509.69
Kahuku High		\$2,150.60
Castle High		\$4,437.09
Molokai Intermediate		\$11,502.63
Kawananakoa Middle		\$3,547.57
Kapaa Elementary		\$5,836.33
Kahaluu Elementary		\$1,230.61
Iliahi Elementary		\$2,971.63
Kapunahala Elementary		\$2,188.88
Kapaa High School		\$8,145.58

Total \$152,882.10

Meeting workshop and networking:

Recommendations on how to disperse TIER II information and awareness

1. Hawaii State HEER office and HSERC produced pamphlets on TIER II reporting. List government and private offices or any other locations that may be an avenue to get it into the hands of its target population?

- Trucking organizations
 - Automotive stores
 - Home Depot ^{Lowes}
 - HPM ^{City mill}
 - Business and GE license offices
 - Consult with chemical distributors (BEI) who would provide blank tier II forms or other information to companies procuring chemicals who may require tier II reporting
 - Transportation companies
 - Big Island Safety Association
- contractors sells*

2. Besides newspaper ads, are there any printed magazines or pamphlets that the message can be included, either paid or as a PSA? Examples are magazines (Hawaii Business) or any other local handouts.

- Hawaii Landscaping magazine
- OHA Ka Wai Ola
- Hotels – Hawaii Hospitality magazine
- JJ Keller
- Educate small companies on what is required
- Post requirement in areas where the public applies for permits
- Unions
- Pacific Business News
- Trade magazines
- Add this information when applying for business and GE licenses, HELCO bill, Water and Sewer bill



3. Social Media - list Federal Government, State, County, or private businesses that have social networks that may be able to attach tier 2 information to target the intended population?

- County and State facebook
- Investigate the use of social media

4. Any ideas not considered yet?

- Disseminate information from a LEPC letter through a chemical distributor such as BEI. The LEPC could then approach BEI and ask them to attach a letter to their billing invoice
- The marketing needs to be eye catching.
- Does the DOH do cross checking for GE or business departments for potential tier II reports?

Peer networking to make sure we are all reporting and understanding the need for tier II reports. -

Conduct an "open house" for already noted Tier II reporting organizations. Hold at responder location (e.g. fire training center) or Emergency Operation Center (EOC) for orientation.

- Provide LEPC presentation to trade organization / association meetings.
 - Have a separate LEPC table / booth at community out reach events.
- Separate from other agencies like Emergency Management, Civil Defense, Fire Department
- Suggested times:
 - Hurricane Preparedness Month (June)
 - National Preparedness Month (September)
 - Fire Prevention Week / Month (October)
 - Areas to focus upon:
 - Tier II reporting requirements (HDOH)
 - Household Hazardous Materials (HHM) disposal (County level Environmental Services)
 - Shelter In Place
 - Business continuity / disaster planning
- Have county mayors provide proclamations for specific hazards such as ammonia.

- Newspaper advertisements or community / public notice reminding business to report Tier II (Jan-Mar).
- Newspaper advertisements or community / public notice reminding business to report Tier II (periodically). This is to "catch" new business.
- Work closer with county level Department of Plans and Permitting organizations.
 - o Provide employee in-service instruction of Tier II reporting requirements to those that will have chemicals on their sites that may reach reporting thresholds.
 - o Focus on companies / businesses / individuals who build or are placing "tanks" on their property.
- Develop county specific LEPC brochures that complement HEER Office Tier II brochure.
- Conduct "windshield" surveys of industrial parks and provide information (not enforcement / penalties).
- Develop or publicize Tier II reporting "app" (application for "Smartphone").
- Outreach to school safety and security personnel as well as "science teacher" groups / meetings. Share Chemical Safety Board information / videos.



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Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Never heard of GHS? Then you and/or your employees may be breaking the law! The Occupational Safety and Health Administration's (OSHA) Hazard Communication Standard (HCS) has been in effect since 1983 to protect workers from injuries and illness caused by exposure to chemicals. GHS aligns our national HCS with an international system. In addition to current HCS training requirements, employers should have already trained employees to understand the new chemical labels and the information contained in Safety Data Sheets (SDS).

Table 1: Required Phase-in Dates










Effective Completion Date	Requirement(s)	Who
December 1, 2013	Train employees on the new label elements and safety data sheet (SDS) format.	Employers
June 1, 2015 December 1, 2015	Compliance with all modified provisions of this final rule, except: The Distributor shall not ship containers labeled by the chemical manufacturer or importer unless it is a GHS label	Chemical manufacturers, importers, distributors and employers
June 1, 2016	Update alternative workplace labeling and hazard communication program as necessary, and provide additional employee training for newly identified physical or health hazards.	Employers
Transition Period to the effective completion dates noted above	May comply with either 29 CFR 1910.1200 (the final standard), or the current standard, or both	Chemical manufacturers, importers, distributors, and employers

Source: <https://www.osha.gov/dsg/hazcom/effectivedates.html>

As of June 1, 2015, all labels will be required to have pictograms, a signal word, hazard and precautionary statements, the product identifier (name of the hazardous material), and supplier identification. Pictograms will graphically convey hazardous characteristics such as flammability, health hazard, and immediate health problems. The signal word and hazard statement will use words to describe the potential hazards. The precautionary statement will describe how to avoid the specified hazards. Supplier information will include the

name and address of the chemical manufacturer, importer, or other responsible party. Labels will also include an emergency phone number.

Figure 1: Pictograms

<p>Health Hazard</p>  <ul style="list-style-type: none"> ▪ Carcinogen ▪ Mutagenicity ▪ Reproductive Toxicity ▪ Respiratory Sensitizer ▪ Target Organ Toxicity ▪ Aspiration Toxicity 	<p>Flame</p>  <ul style="list-style-type: none"> ▪ Flammables ▪ Pyrophorics ▪ Self-Heating ▪ Emits Flammable Gas ▪ Self-Reactives ▪ Organic Peroxides 	<p>Exclamation Mark</p>  <ul style="list-style-type: none"> ▪ Irritant (skin and eye) ▪ Skin Sensitizer ▪ Acute Toxicity ▪ Narcotic Effects ▪ Respiratory Tract Irritant ▪ Hazardous to Ozone Layer (Non-Mandatory)
<p>Gas Cylinder</p>  <ul style="list-style-type: none"> ▪ Gases Under Pressure 	<p>Corrosion</p>  <ul style="list-style-type: none"> ▪ Skin Corrosion/Burns ▪ Eye Damage ▪ Corrosive to Metals 	<p>Exploding Bomb</p>  <ul style="list-style-type: none"> ▪ Explosives ▪ Self-Reactives ▪ Organic Peroxides
<p>Flame Over Circle</p>  <ul style="list-style-type: none"> ▪ Oxidizers 	<p>Environment (Non-Mandatory)</p>  <ul style="list-style-type: none"> ▪ Aquatic Toxicity 	<p>Skull and Crossbones</p>  <ul style="list-style-type: none"> ▪ Acute Toxicity (fatal or toxic)

Source: https://www.osha.gov/Publications/HazComm_QuickCard_Pictogram.html

SDSs will replace the Material Safety Data Sheets (MSDS) that many workers are already familiar with. According to OSHA, the HCS requires chemical manufacturers, distributors, or importers to provide these documents to communicate the hazards of hazardous chemical products. As of June 1, 2015, the HCS will require new SDSs to be in a uniform format and include the following 16 sections in the standardized order presented below:

- Section 1 – Identification
- Section 2 – Hazard(s) Identification
- Section 3 – Composition/Information on Ingredients
- Section 4 – First-aid Measures

- Section 5 – Fire-fighting Measures
- Section 6 – Accidental Release Measures
- Section 7 – Handling and Storage
- Section 8 – Exposure Controls/Personal Protection
- Section 9 – Physical and Chemical Properties
- Section 10 – Stability and Reactivity
- Section 11 - Toxicological Information
- Section 12 – Ecological Information
- Section 13 – Disposal Considerations
- Section 14 – Transport Information
- Section 15 – Regulatory Information
- Section 16 – Other information

For additional information about the requirements of GHS and HCS, please contact your company's Health and Safety Officer, or visit these helpful links:

United States Department of Labor, Hazard Communication Web Page:

<https://www.osha.gov/dsg/hazcom/index.html>

United Nations Economic Commission for Europe, Official Publication of the Globally Harmonized System of Classification and Labeling of Chemicals:

http://www.unece.org/trans/danger/publi/ghs/ghs_rev00/00files_e.html



HAWAII STATE
DEPARTMENT
OF HEALTH

Contaminant Awareness Training

The Hawaii State Department of Health (HDOH) Hazard Evaluation and Emergency Response (HEER) Office used Environmental Protection Agency grant funds to develop this one-hour presentation as a public service at no cost to attendees. This course is designed to teach workers to identify contamination at or adjacent to the job site and protect themselves, the public and the environment as they work. Anyone who may encounter contaminated soil and/or groundwater during excavation work, but is not a trained environmental professional may benefit from this Contaminant Awareness Training. The training may also help other regulators, project managers, safety officers, or environmental personnel who may encounter types of contamination outside their realm of training and expertise.

PEOPLE WHO NEED THIS COURSE

- ❖ Utility workers
- ❖ Construction workers (Field personnel, project managers/engineers, health and safety managers)
- ❖ Planners
- ❖ Developers
- ❖ Landowners
- ❖ Private Citizens

Resources and tools are provided to help you anticipate what type of contamination could be encountered at or near your job site. Also find out how to effectively handle a new or old release of contamination during excavation activities and minimize the disruption to your project.

ESSENTIAL SKILLS YOU WILL LEARN

- ✓ Understand why recognizing, managing, and reporting contamination is important
- ✓ Identify potentially contaminated areas during planning based upon:
 - Historical site use
 - HDOH resources
- ✓ Identify potential contamination in the field by recognizing:
 - Visual and olfactory signs of contamination
 - Contaminant exposure symptoms
- ✓ Report releases of suspected contamination
 - Know who to call and when to call
 - Know what information to give when reporting a release
- ✓ Know when it is time to seek expert help

For more information, please contact **Lynn Bailey** of the HEER Office at lynn.bailey@doh.hawaii.gov or (808) 586-4249. To schedule Contaminant Awareness Training for your employees or group, please contact **Jodie Cordero** at jodie.cordero@tetrattech.com, (808) 441-6651.

WHO should attend?

Anyone planning or conducting excavations of any size.

WHAT does it teach?

- How to keep workers, the public, and the environment safe from harmful contamination.
- How and when to get help when contamination is encountered.

WHEN is the training?

September 26, 2013 at 10:00 AM

WHERE is the training?

Hawaii Department of Health
AAFES Building, 5th Floor
Conference Room
919 Ala Moana Blvd
Honolulu, HI 96814

WHY should I take this

course? Regulators visit a variety of sites. Learn to recognize potential environmental issues that are outside your typical area of expertise so you can stay safe.



HAWAII STATE DEPARTMENT OF HEALTH



**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 7, 2014**

Final "Listening Sessions" Held To Receive Input on President's Executive Order
As part of the President's Executive Order 13650, *Improving Chemical Facility Safety and Security*, issued last August, the Tri-Chair Working Group (Environmental Protection Agency, Department of Homeland Security, and Department of Labor) held numerous listening sessions and webinars. The first listening session was held in Texas City, Texas on Nov. 5, 2013 and the most recent was held in Newark, New Jersey on Feb. 27, 2014. Each of the listening sessions provided an opportunity to obtain input to the Tri-Chair Working Group on specific areas of the Executive Order. Stakeholders were encouraged to provide feedback on improving operational coordination with states, tribes, and local partners; enhancing information collection and sharing; modernizing regulations, guidance, and policies; and identifying best practices in chemical facility safety and security.

To subscribe to the latest updates about the EO, stakeholders may submit an email request to eo.chemical@hq.dhs.gov. Written comments about the Executive Order may be sent to that email address. The comment period was extended through March 2014.

During the public listening sessions, the Working Group shared an overview of the various sections of the EO and the progress made to date on each. In particular, the Tri-Chair Working Group were interested in hearing from the stakeholders described in the EO: chemical producers, chemical storage companies, agricultural supply companies, State and local regulators, chemical critical infrastructure owners and operators, first responders, labor organizations representing affected workers, tribal, environmental and community groups.

Executive Order 13650 Progress Report for 2013

Here is the link to the Executive Order first quarterly progress report for 2013:
https://www.osha.gov/chemicalexecutiveorder/EO_ProgressUpdate.pdf

Executive Order 13650, Section 6(a) – Solicitation of Public Input on Options for Policy, Regulation, and Standards Modernization (January 2014):

Here is the link to this document:

https://www.osha.gov/chemicalexecutiveorder/Section_6ai_Options_List.html

Background: Presidential Executive Order on Improving Chemical Facility Safety and Security

President Obama signed an Executive Order on August 1, 2013 to improve the safety and security of chemical facilities and reduce the risks of hazardous chemicals to workers and communities. The order directs the federal government to:

- Improve operational coordination with state and local partners (including State Emergency Response Commissions, Local Emergency Planning Committees and Tribal Emergency Response Commissions)
- Enhance Federal agency coordination and information sharing
- Modernize policies, regulations and standards, and
- Work with stakeholders to identify best practices.

Background information and resource materials about the Executive Order may be found on the federal OSHA website at:

<https://www.osha.gov/chemicalexecutiveorder/index.html>

Facilities' Federal Risk Management Plan Five-Year Re-submittals Begin June 2014

Under the authority of section 112(r) of the Clean Air Act, the Chemical Accident Prevention Provisions require facilities that produce, handle, process, distribute, or store certain chemicals to develop a Risk Management Program, prepare a Risk Management Plan (RMP), and submit the RMP to U.S. EPA. Covered facilities were initially required to comply with the rule in June 1999, and the rule has been amended on several occasions since then, most recently in 2004. Depending on the anniversary date of the last submittal, the RMPs have to be resubmitted electronically to the U.S. EPA once every five years. The next cycle begins in June 2014.

EPA's LPG (Liquefied Petroleum Gas) Advisory Issued in January 2014: Interim Chemical Accident Prevention Advisory Design of LPG Installations at Natural Gas Processing Plants

The U.S. EPA is concerned that some natural gas processing plants that store and process liquefied petroleum gas (LPG) may not be designed in accordance with applicable industry standards and codes.

EPA is accepting comments on this interim advisory until July 31, 2014. To submit comments on questions, please send an email to LPG.interim.advisory@epa.gov. The advisory can be found at:

http://www.epa.gov/emergencies/docs/chem/Natural_Gas_Plant_Interim_Advisory.pdf

EPA Issues 2012 Toxic Release Inventory Data for Pacific Southwest Region

Nationally, total releases of toxic chemicals decreased 12 percent from 2011-2012, according to the U.S. Environmental Protection Agency's (EPA) annual Toxics Release Inventory (TRI) report and Pacific Southwest state fact sheets published Feb. 4, 2014. New for this year is an updated fact sheet system that allows users to explore customized data. Scroll down at the link www.epa.gov/tri to enter your zip code, city, or county, and the new tool will create a fact sheet to show you toxic releases near you. The annual TRI report provides citizens with critical information about their communities. The TRI program collects data on certain toxic chemical releases to the air, water, and land, as well as information on waste management and pollution prevention activities by facilities across the country.

Hawai'i State TRI Report for 2012

A total of 37 facilities reported a total of 2.7 million pounds of toxic chemical releases during 2012. Hawaii's total reported on-site and off-site releases increased when compared to 2011 data.

Highlights of data from 2012 in Hawaii show that since 2011:

- **Air:** Air releases increased 2 percent
- **Water:** Water releases increased 6 percent
- **On-Site Land:** On-site land releases increased 46 percent.
- **Underground Injection:** Underground Injection releases increased 21 percent
- **Off-Site Transfers:** Total off-site transfers have decreased 9 percent

For detailed Hawaii information and the state's Top 5 releasing facilities please see the state fact sheet at <http://www.epa.gov/region9/tri/report/12/tri-2012-hawaii-report.pdf>

Additional TRI Tools:

-TRI Explorer is a tool that you can use to see the TRI data. It allows a user to look at data by state, county, or zip code; by chemical; or by industry. It provides maps a user can click on to find TRI facilities, chemicals and industries in a particular area. <http://www.epa.gov/triexplorer>

-For more on the TRI program including additional city, county and facility information, please visit the EPA's Web sites: <http://www.epa.gov/tri>, and <http://www.epa.gov/enviro>.

EPA Pacific Southwest Region News Releases can be found at www.epa.gov/region9 and click on the link to "All Region 9 News Releases."

EPA Pacific Southwest EPP Program Contact

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