



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

In reply, please refer to:  
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HAWAII STATE EMERGENCY RESPONSE COMMISSION  
MEETING # 113

Friday, December 7, 2018, 9:00 a.m. to 12:00 p.m.  
Department of Health, HEER Office  
2385 Waimano Home Road #100  
Honolulu, Hawaii 96782

Attendees

Voting: Keith Kawaoka, Dept. of Health; Gerald Kosaki, Hawaii County LEPC; Alex Adams, Honolulu LEPC; Valerie Yontz, Public Health Studies, University of Hawaii; Jeff Kihune, Maui County LEPC; Albert Kauai, Kauai County LEPC; Tin Shing Chao, Occupational Safety and Health Division, Dept. of Labor and Industrial Relation; Chris Takeno, Dept. of Transportation,

Non-Voting: Sharon Leonida, Terry Corpus, Liz Galvez, Ed Gomes, Adam Teekell, Harold Lao, Fenix Grange, Dept. of Health, HEER Office; Eric Jensen, Tetra Tech; Gabe Nelson, NRC; Robert Harter, City & County, Dept. of Emergency Management, Bret Moxley, EPA; Dr. Kathryn Braun, Dr. Thomas Lee, Dr. Yuanan Lu, Office of Public Health Studies; John Titchen, U.S. Coast Guard

1. Keith called the meeting to order at 9:07 am.

1.1 Introduction of Attendees. Valerie Yontz announced her retirement from UH. She introduced her boss, Dr. Kathryn Braun and two members of UH faculty to take her place, Dr. Thomas Lee and Dr. Yuanan Lu.

1.2 Approval of minutes #112, Alex sent in corrections, no other changes. Minutes accepted pending changes. Gerald motioned to accept, Tin Shing seconded.

2. LEPC Updates:

2.1 Hawaii County: Gerald Kosaki, LEPC Chair

2.1.1 Last meeting was November 27, 2018, thirteen members, two nonmembers attended. New Isaac Hale Beach Park opened on December 6, 2018. This was created by the lava flow, Highway 137 was reopened after lava covered part of it. Lots of people came. There is concern about water quality at a pond by the boat ramp. Clean Water Branch has taken samples that show high bacteria counts. Signs were posted warning the public.

- 2.1.2 Hawaii Volcano Observatory said the lava threat is over. Magma is still being produced, not known if it will erupt again. Kilauea still has the highest threat to be active followed by Mount Saint Helen in the U.S. SO<sub>2</sub> gas has decreased to less than 300 tons a day. It was 530 tons or more during the lava event.
  - 2.1.3 Tanker truck accident on Saddle Road, tank was not damaged, there was one death.
  - 2.1.4 Hamakua Energy will start using biodiesel, currently using Naptha. They are bringing in up to thirteen truck loads a day of Naptha. This may reduce the carbon dioxide but increase the carbon monoxide.  
Puna Geothermal Venture, PGV, attempting to start operations. Lava covered a small part of property, then went around the property. They have acquired the permits to build a road on PGV property. Mayor has not signed the permit. Concerns that this road would go through the flow by fissure 8. Temperature of lava was 300 degrees when checked. They did not want to risk exposing more hazardous conditions.
  - 2.1.5 Hilo Medical Center is still waiting for training on E-Waste. Hospitals on Oahu had training, Gerald is bringing it to the Big Island. He will open it up to other agencies that want to attend. It will be paid for by the LEPC. Media member of LEPC mentioned their group is reviewing a draft of State Emergency Response Emergency Plans for Communications. They hope to complete this by the end of year.  
John Peard from HEER Office will be retiring at the end of the year. No replacement named.  
Gerald attended the Mid-Year NASTTPO Conference in Houston in October. He did a presentation on lava event. It took an hour and a half, lots of questions. Washington State and Nebraska have asked him to do presentations for them.  
Liz added that the Department of Education on the Big Island held a Household Hazardous Waste Collection.  
Keith asked if Hazmat responded to the Hu Honua Bioconversion plant. It was a sugar cane mill, now burns coal. Planning to burn biomass, like eucalyptus trees. There has been a release, possibility of 3,500 gallons or more of waste.  
Gerald retired as of DEC. 1, 2018.
- 2.2 Kauai County: Albert Kauai – LEPC Chair
    - 2.2.1 Last LEPC meeting was November 2018. Next meeting February 11, 2019.
    - 2.2.2 Albert briefed committee on last HSERC meeting.
    - 2.2.3 Fire department gave information on purchase of equipment that LEPC has authorized. Purchasing Bluetooth for the SCBAs masks. County fire is purchasing a drone, LEPC is buying the thermal camera.
    - 2.2.4 Planning for CST Exercise, July 22 and 26. It's not known if this will be a table top or a full-blown exercise.  
No incidents reported.

2.3 Maui County: Jeff Kihune – LEPC Chair

- 2.3.1 LEPC meeting was on November 29, 2018, held at Maui Soda & Ice. We toured the facility after the meeting to see the new improvements. EPA has not issued a fine for the release that the company had while replacing equipment. Sharon informed meeting that CIC, Clean Island Council, is no longer in operation. Lots of discussion, they are eager to hear about the presentation that we will have from MSRC today. The Maui Civil Defense representative knows the harbor master and will be asking about plans for Marine Fire Fighting. Maui's By-Laws for LEPC, still at Corp. Counsel. Maui did not have a Hazardous Waste Clean-up Program this year, due to lack of funding. They may not have one next year.  
Emergency Operation Plan, EOP, written by Tetra Tech, and plans from the rest of the county are being complied. Emergency Management member of LEPC is adding committee portion to the plan.
- 2.3.2 On September 2018, there was a spill at a gas station, disconnected hoses to stop the leak. In October there a propane leak, from a tank that heated a swimming pool.  
Hydraulic oil spill, 50 gallons, on highway at Kahului.
- 2.3.3 Hazmat training for the whole department was done this quarter. Hazmat unit did the training.
- 2.3.4 Equipment was purchased through a grant, this included cryogenic gloves, siphon pump, multi threat suits. The suits protect the turn out equipment from damage.  
Allocated \$5,000 to hazmat unit to get needed equipment. Fire will report what they are buying.
- 2.3.5 Jeff and a technician went to the 'Hot Zone' in Houston.  
Next meeting March 12, 2019.

2.4 Honolulu City & County: Alex Adams, LEPC Chair

- 2.4.1 LEPC meeting was September 18, 2018. Twenty-one members attended.
- 2.4.2 Alex was sent to Lava Incident, he was a Safety Officer on the All Hazard Incident Management Teams. He showed the teams websites to look up information.
- 2.4.3 He and another hazmat Captain attended the Maui Ammonia Safety Day, June 1, 2018. There was a power point presentation in the morning and live release in the afternoon.  
Briefing from fire captain that attended the International Association of Fire Firefighters (IAFF), Fire Chief Conference. LEPC sponsored two personnel to IAFF conference.

Bob Harter reported on the ship tour and ride on the Hawaii Responder. Marine Spill Response Corp, MSRC, offered the informative tour to different state departments and others.

There was a class on "Responding to Liquid and Gas Pipeline Emergencies" held at the fire training center for two days.

- 2.4.4 There were two pre-plan visits to Spectrum facilities, called hubs, located in the Kaimuki area and Queen Street. They have about twenty hubs in the islands. If power is lost, it switches to back up generators, then to battery power.

Visited two Explosive Magazines, in Halawa. Hawaiian Cement brings it in and stores it in the Quarry. Another magazine is further up the valley. Alex attended pre-plan for Servco Mapunapuna Hydrogen Fueling Facility. They have started to sell their Hydrogen vehicles, cost is \$56,000. They get three years of free fuel; the hydrogen is processed on site.

- 2.4.5 At the 'Get Ready Ewa Beach Community Fair', Bob Harter had a display with information on the Department of Emergency Management and The Local Emergency Planning Committee, LEPC.

There was a second fair held at Pearl Ridge.

- 2.4.6 December 6, there was a Malathion incident at Kam Shopping Center, Kalihi. Someone sprayed the hedges and the smell drifted to Kapalama Elementary School. They called 911 about a chemical odor. Department of Education called the Department of Agriculture and a representative came to the scene. The DOA rep and hazmat talked to the person who applied the chemical.

Hazmat 2 worked with the FBI on November 7. A student threatened a Leeward Community College, LCC, Professor. Police and FBI arrested student at his home. Hazmat 2 gathered what chemicals were there and FBI sent them to their labs.

- 2.4.7 Change in DEM, Mel Kaku has become the "Action Officer in charge of the Joint Traffic Management Center". Agencies moving into the new building include: 911 Call Center, Traffic Control, The Bus, EMS, Fire, Police. DEM will remain where it is. Hiro Toiya is the acting director. NEXT LEPC meeting is December 11, 2018.

Tin Shing gave information on Hydrogen Gas and problems. Possible inspection of facility may be made.

3. Start Up Steering Committee – Marine Fire Fighting: Liz Galvez

There is still a gap on Marine Fire Fighting issue. A meeting was held with DOH, DOT, Coast Guard and DLNR, to try and come up with what the state should do.

PENCO has trained personnel currently, training must be maintained, and it is costly. They may discontinue this training.

MSRC now has the equipment that CIC had previously.

Liz mentioned that on December 6, a ship in American Samoa had caught fire. It was towed out of the harbor to prevent any problems. Liz has spoken to Kathy Ho about Marine Fire Fighting issue.

Bob Harter attended a meeting with HIEMA, it was mentioned that under one of the 'Department of Homeland Security Port Protection Grants', they were purchasing **a boat with firefighting capabilities**. This is a HIEMA purchase for the fire department. Alex added that the supposed boat would be on a trailer and have a pump that could stream water. The second boat was for Ocean Safety. Bob is trying to get more information.

4. MSRC: Joe Bowles

Mr. Bowles is the Regional Vice President for MSRC for the Pacific Region. Told members his background, he is from Hawaii. He has done spill response since 1989 and been with the company for twenty-six years. Slides were used in the presentation. This showed membership and their funding source. They are a Not for Profit Organization. They are not in competition with other for profit OSRO, Oil Spill Response Organization. In the pacific region MSRC has merged or taken over all but one OSRO. This is an efficiencies' issue. CIC's board asked MSRC to consolidate assets and operations in Hawaii. Research was done in 2017, conclusion was that it was possible, CIC accepted the offer. Most of 2018 was spent working on this consolidation. MSRC talked about recent changes, they have facilities in most of the major costal ports. They don't store all their assets in one area. Example of a cascading model they use. If Long Beach had a spill, Bay area response team would help. Deep Water Horizon was another example. Color coded slides showed the different areas and activity MSRC is involved in. They are looking for other opportunities to use their equipment. Clean Island handled the Average Most Probable Discharge, AMPD and the Most probable Discharge, MPD, also the dispersants capacity. MSRC would give additional support to them. He showed the other assets and where they are in the islands.

Concerning MSRC Tier I dispersants, they have an Alternative Planning Criteria, APC, currently with the Coast Guard. This limits them to fifty (50) miles around the mooring. A problem for MSRC is that a "fixed wing aircraft" must be used. They feel that there is no reliable source here. As a program they have two C-130's available. He explained the agreement CIC had with the state and coast guard for Tier I dispersants. These assets are at the Barbers Point Airport. Agreement is still in place; he and Liz are discussing how to make it as efficient as possible. He will be meeting with Liz later. Joe has talked to Coast Guard about the APC, this involves coverage of all Hawaiian Islands. Explanation of what equipment will be purchased and who was contracted to do possible future events. This is outside of the agreement with the state and their assets.

A slide showing staging areas of equipment and what is being done and changes being made.

There is a new Satellite System, portable, easy to move. This includes satellite communications, internet and phone capability. Generators and everything else they need is included, this is an emergency response tool, not just for spill response.

TRACS System, this is a Multi Spectral Camera that mounts to the bottom of an aircraft. Company has contracted with local companies that has trained personnel. System can identify false targets, gives thickness measurements and visual. Company would send system here if needed.

Aero Star Balloon, this is an inflatable dirigible and would be anchored. It will give you the same imaging capability with unlimited airtime. Powered from disk on ships or other modes of transportation. Examples of where they were used were provided.

Drones are used, they contract for this service. MSRC is looking into getting their own equipment.

On the Hawaii Responder there is a Flare System at the top of the tower. This is used for Thermal Imaging that is needed off shore, so they can track the oil. Also, there are hand held flare systems which will allow work to continue into the night or during low visibility conditions.

Slides showed the rating they received from different states for incidents.

Coast Guard Basic Agreement; this gives the Coast Guard the ability to activate MSRC to respond to an incident if the state does not have a contract with MSRC. IT IS NOT A BOA, **Basic Ordering Agreement**. MSRC does not need to meet regulatory issues for hiring and documentation. It is an Emergency Activation contract only. This can be used for Hurricanes and other emergencies, not just spills. Joe gave examples of incidents that used this agreement.

There is a document, **Non-Member Agreement**, that can be used for incidents less than 1,200 barrels. This needs to be sent to the president of the company and the board must approve.

Dispersant is a substance that breaks the oil up into small micro droplets and this spreads the oil apart. It minimizes the effect of oil impacting the beach. Explanation on what happens to recovered oil and how to dispose of waste were provided.

Talked about the boat fire in Samoa. MSRC does not do Marine Fire Fighting. Questions on waste disposal, dispersants, cleanup of animals. Discussion on different types of dispersants. Having NRC and MSRC here has improved the response capability for the state.

5. New Reporting Program for Tier II: Liz Galvez  
Liz explained about the new E-Permitting system. Testing is being done, system should be available for January 2019 filing. Forms and payment will be accepted through this portal. Forms and fees can still be mailed in.
6. HSERC Financial Report, Tier II Division of Funds: Sharon Leonida  
Sharon went over the funds available to be given out. After expenses deducted, final funds to be split among counties. LEPC voted to accept split. HSERC voted to release funds to LEPC.
7. Update of Positions for EP&R Section: HEER Office  
Liz announced that they are still in the process of getting the fourth OSC.

8. Updates on Health Department: Keith Kawaoka  
The request for items to be put in the governor's budget is completed. Positions had to be justified, they managed to get all the things the department wanted.  
Legislature starts in January 2019, we need to wait and see what happens.  
Due to the recent election, this is the transition period and there will be changes to state and county government personnel

9. Other Business: HSERC  
Tin Shing talked about the new law, it goes into effect in January. Go to the DLIR websites for more information.  
If you are a business that has ten or more employees, you will need to have a written Health and Safety Plan. This also applies to anyone who has a state contract over \$100,000. Answered questions about the changes from the old law.  
He also talked about Beryllium, go to website for more information.

Next HSERC Meeting: March 22, 2019 at. Department of Labor and Industrial Relations,  
830 Punchbowl Street, Room 310, Honolulu, Hawaii 96813

Respectively Submitted,

Sharon L. Leonida, Environmental Health Specialist III