

ALOHA

Hawaii Environmental Forum (HEF)

September 25th, 2013

Department of Defense &
Hawaii Department of Health (EHA)



Environmental Health Administration (EHA)

Environmental Management Division (CAB, CWB, SHWB, SDWB, & WWB),
Environmental Health Services Division (SAN, I&RHB),
State Laboratories Division (EHAS, MMB, LERP),
HEER, ERO, EPO, CAO & EIM



EHA organizational chart

HAWAII DEPARTMENT OF HEALTH, ENVIRONMENTAL HEALTH ADMINISTRATION		
GARY GILL (PHONE 586-4424)		
Environmental Health Services Division <i>Lynn Nakasone (phone 586-4576)</i>	--- ---	Environmental Management Division <i>Stuart Yamada P.E. (phone 586-4304)</i>
Indoor & Radiological Health Branch <i>Jeff Eckerd (phone 586-4700)</i>		Clean Water Branch <i>Alec Wong P.E. (phone 586-4309)</i>
		Solid & Hazardous Waste Branch <i>Steven Chang P.E. (phone 586-4226)</i>
Food Safety & Vector Control Branch <i>Peter Oshiro (phone 586-8000)</i>		Safe Drinking Water Branch <i>Joanna Seto P.E. (phone 586-4258)</i>
		Clean Air Branch <i>Nolan Hirai P.E. (phone 586-4200)</i>
Hazard Evaluation & Emergency Response Office Dr. Keith Kawaoka (phone 586-4249)	---	Wastewater Branch <i>Sina Pruder P.E. (phone 586-4294)</i>
Environmental Resources Office Nancy Bartter (phone 586-4575)		Environmental Planning Office Laura McIntyre AICP (phone 586-4337)
Environmental Information Manager Andy Matsumoto (phone 586-4641)	--- ---	Compliance Assistance Office Caroline Nishita (phone 586 4528)
State Laboratories Division Dr. Christian A. Whelen (phone 453-6650) Environmental Health Analytical Services Branch <i>Wanda Chang (phone 453-6683)</i> Medical Microbiology Branch <i>Gail Kunimoto (phone 453-6711)</i> Laboratory Emergency Response Program <i>Rebecca Sciulli (phone 453-5993)</i>		



EHA Enforcement -

	<i>Inquiries & Complaints</i>	<i>Field Inspections</i>	<i>Warning Notices</i>	Field Citations	Enforcement Cases Issued	Enforcement Cases Pending	Penalties Sought	Formal Cases Resolved	Funds Received
	<i>Informal</i>								
Clean Air Branch	715	1,952	97	6	25	42	\$108,600	19	\$176,700
Solid & Hazardous Waste Branch	3,088	827	140	27	12	63	\$351,455	175	\$464,400
Clean Water Branch	203	136	9	2	3	7	\$50,586	2	\$0
Wastewater Branch	161	308	52	39	0	11	\$0	3	\$10,450
Safe Drinking Water Branch	1,173	74	13	0	0	0	\$0	0	\$0
Hazard Evaluation & Emergency Response	0	14	38	3	0	0	\$7,099	0	\$7,099
Indoor & Radiological Health Branch	468	1,172	136	2	7	12	\$53,000	4	\$12,133
Sanitation Branch	2,102	10,906	53	10,344	0	2	\$90,000	0	\$0
Environmental Health	7,910	15,389	538	10,423	47	137	\$660,740	203	\$670,782

- Maili‘ili Steam, settlement agreement for \$1.4 million
- Koyo USA Corporation fined \$2 million
- Kanemitsu Bakery on Molokai fined \$90k
- Misuse of pesticides by some Oahu basil farms



Environmental Management Division

Environmental Management Division

Stuart Yamada P.E. (phone 586-4304)

Clean Water Branch

Alec Wong P.E. (phone 586-4309)

Solid & Hazardous Waste Branch

Steven Chang P.E. (phone 586-4226)

Safe Drinking Water Branch

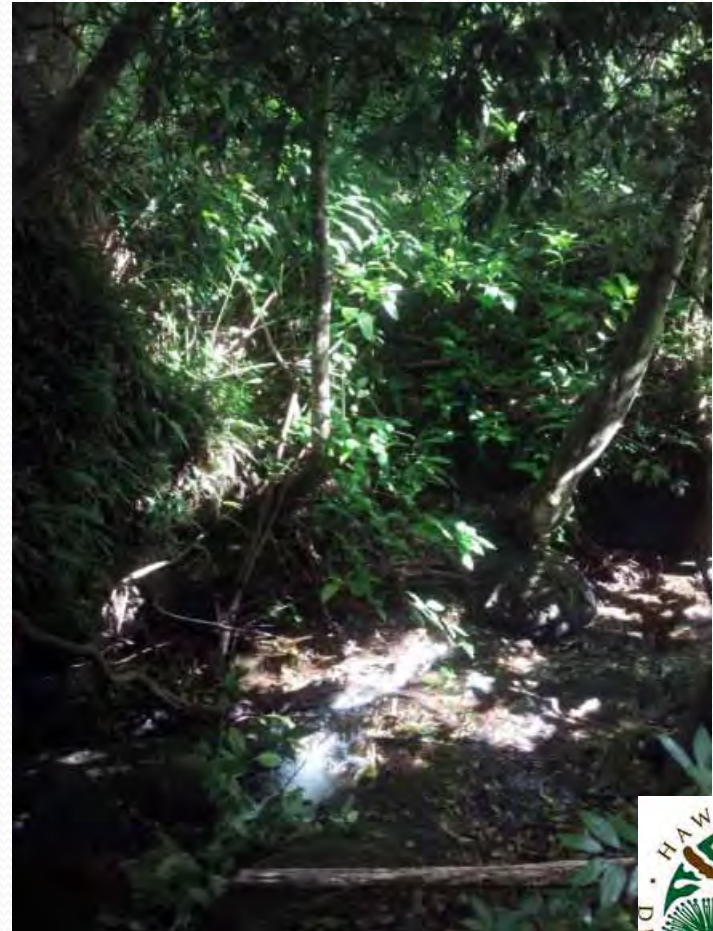
Joanna Seto P.E. (phone 586-4258)

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Wastewater Branch

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Clean Air Branch

Established new rules to restrict open burning on all islands

Greenhouse Gas rules – to address climate change

Goal: get emissions below 1990 levels by 2020

Volcanic emissions (track NAAQS)

Monitor at 6 locations (1 hr and 24 hr exceedences)

Ambient levels of air-borne particulates - low

HI: Below EPA national standard (HI 4.7 PM_{2.5}*)

Ambient levels of Sulfur Dioxide (SO₂) in Honolulu – low

Ambient levels of Carbon Monoxide (CO) in Honolulu –
decreasing 1.4ppm



Clean Water Branch (CWB)

Statewide coastal and inland water surveillance and watershed-based environmental management

- Permit issuance – new pesticide permit
- Monitoring (over 3,000 ocean samples)
- Enforcement (Maili`ili Stream \$1.4m)
- Funding of Watershed projects
- Public education & Planning (ORMP)



Polluted Runoff Control (PRC)

- Within the Clean Water Branch
- Updating the HI NPS Mgt Program Plan
- Ten ongoing projects –
 - BMP's, Watershed Based Plans (WBP's)
- End of Fiscal Year 2012 Report is available



Safe Drinking Water Branch

- Safeguard and protect drinking water sources (surface and groundwater) from contamination
 - Engineering
 - Enforcement
 - Monitoring
 - Underground Injection Control (UIC)
 - Groundwater protection –
 - updating State Water Quality Plan



Wastewater Branch (WWB)

- Review and approve all new wastewater systems
- Monitor all existing wastewater systems
 - in 2012 – 296 inspections
- Implementation of the planning, design and construction of several major wastewater treatment works projects
- Loan agreements
- Encourage water reuse



Solid & Hazardous Waste Branch

- HSP₃ meeting 9.26.13
- Solid Waste Recycled

Year (FY*)	Generated	Disposed	Diverted	Percent Diverted
2010-11	1,786,343	11,159,027	627,316	35.1%

- LUST

Calendar Year	Total Tanks	Active Tanks	Closed Tanks	Confirmed Releases	Clean-ups Partially Addressed	Clean-ups Not Initiated	Cumulative Completed Clean-ups
2012	7,974	1,653	6,321	2,052	109	36	1,907

- DBC redemption

Year (FY*)	Units Sold (in millions)	Units Redeemed (in millions)	DBC Redemption Rate
2011-12	907	697	77%



Environmental Health Services

- Indoor & Radiological Health
 - Community Noise, A/C Ventilation, Asbestos, Lead, & Indoor Air Quality Programs
 - Radiation Control Program
 - JTMD testing
- Food Safety & Vector Control
 - Food & Drug
 - + cosmetics & medical devices safety (including Tattoo)
 - Sanitation
 - Vector
 - Prevention of dengue and yellow fever

Indoor & Radiological Health

- Increased shoreline and marine debris radiation testing
- Trained NOAA staff
- Trained Kauai volunteers



Sanitation -Food & Drug, Vector

- Activities

Type	2011-12
Food Establishment (renewals)	4,800
Food Establishment (new)	658
Temporary Food Permits	3,254
Building Plan reviews (Restaurants etc.)	563

- Controlling mosquitos
- Re-establishing the shell fishing industry



State Laboratories Division

- On Oahu, Maui, Hawaii and Kauai

State Laboratories Division	
	Chris Whelen (phone 453-6650)
Environmental Health Analytical Services Branch	
	Wanda Chang (phone 453-6683)
Medical Microbiology Branch	
	Gail Kunimoto (phone 453-6711)
Bioterrorism PHEP Microbiology	
	Rebecca Sciulli (phone 453-5993)



State Laboratories Division

- Number of Ocean Water (tests)
 - Total 3,041 in 2011
- Number of Air Samples (tests) performed
 - Total 655,063 in 2011
- Other testing –

Selected Tests (not all) CY 2011	
Salmonella DNA fingerprinted	327
Birds for Avian Influenza	214
Norovirus outbreak specimens	55



Hazard Evaluation & Emergency Response

- Molasses Spill Evaluation & Response

- 1,400 tons of molasses into Honolulu Harbor
- 26,000 marine animals died+ coral
- Matson will pay for cleanup

September 11th, 2013 – 5pm



September 12th, 2013 – 5pm



Hazard Evaluation & Emergency Response

- TRI

Toxic Release Inventory (TRI, in pounds, 2011)				
Calendar Year	Total On-site Disposal or Other Releases	Total Off-site Disposal or Other Releases	Total On- and Off-site Disposal or Other Releases	Total Production-related Waste Managed
2011	2,382,866	214,203	2,597,069	3,281,829

- Oil & Chemical Releases

Calendar Year	Oil Releases to Land	Oil Releases to Water	Total Oil Releases	Chemical Releases to Water	Chemical Releases to Land	Total Chemical Releases	Total Oil & Chemical Releases
2011	185	72	257	63	51	114	371

- Site Cleanups

- Kilauea, Kauai – soil clean up



Environmental Planning Office

- Land use document reviews
 - EA, EIS – 229 in 2012
- Environmental Justice Projects
 - Lualualei Navy Road – joint project, many partners
 - JTMD



Environmental Information Manager

- E-permitting portal: provides:
 - information on environmental permitting requirements
 - guidance in applying for environmental permits
 - resources for preparing and filing online permit applications
 - online payment processing of application fees
 - a means for applicants to communicate with permitting engineers regarding online submitted applications
 - a directory of downloadable (manual) permit applications
- Environmental Health Warehouse



Other EHA presenters

- Jeff Eckerd – Indoor & Radiological Health
- Rebecca Sciulli – State Laboratory
- Andy Matsumoto – Environmental Information

Mahalo

- Questions?
- Contact information:
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