

ALOHA

# Navigating the Permit Process

October 15<sup>th</sup>, 2013

Hawaii Department of Health (EHA)



# Environmental Health Administration

- Environmental Management Division
  - Clean Air, Clean Water, Safe Drinking Water, Waste Water, Solid Waste
- Environmental Health Services Division
  - Sanitation, Food and Drug, Indoor and Radiation, Vector Control
- State Laboratories Division
  - Environmental Health, Medical Micro, Emergency Response
- Hazard Evaluation and Emergency Response
- Environmental Planning, Compliance Assistance, Information Management, Fiscal Resources



# What requires a permit?



## Water



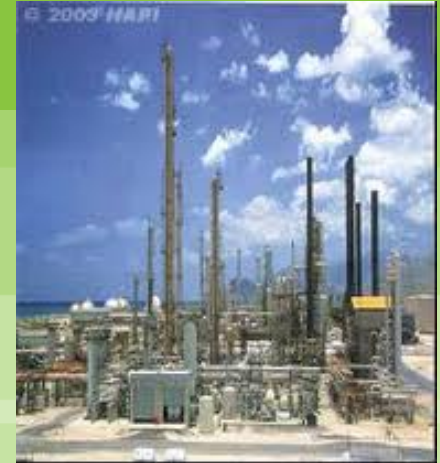
Hawaii State Department of Health  
Environmental Health Administration





# What requires a permit?

**Air**



Hawaii State Department of Health  
Environmental Health Administration



# What requires a permit?

## Waste



## Underground Storage Tanks



Hawaii State Department of Health  
Environmental Health Administration





# What requires a permit?

## Food



Hawaii State Department of Health  
Environmental Health Administration



# What requires a permit?



## Sanitation



Hawaii State Department of Health  
Environmental Health Administration





# What requires a permit?

**Noise**

**Radiation**

**Indoor Air**



**Asbestos**

**Lead-based Paint**



Hawaii State Department of Health  
Environmental Health Administration





An aerial photograph of a coastline. A river flows from the top center towards the bottom left, where it meets the ocean. The river is surrounded by green, forested land. The ocean is a deep blue, and the sky is a lighter blue with some white clouds. The overall scene is a natural, scenic view of a coastal area.

# Environmental Management Division

- Clean Water Branch
- Safe Drinking Water Branch
- Wastewater Branch
- Clean Air Branch
- Solid and Hazardous Waste Branch

# Clean Water Branch

- Will the construction of the project disturb one or more acres of land or impact state waters?
- A National Pollutant Discharge Elimination System (NPDES) permit and/or a water quality certification will be required.





# Safe Drinking Water Branch

- Water systems that serve 25 people or more or have 15 service connections.
- Underground Injection Control
  - Engineering
  - Monitoring
  - Enforcement
  - Groundwater & Wellhead protection



# Wastewater Branch (WWB)

- Review and approve all new wastewater systems
- Monitor all existing wastewater systems
  - About 300 inspections per year
- Water Reuse Guidelines to encourage water reuse
- State Revolving Loan Fund - Loan agreements





# Clean Air Branch

- Air permit required for Covered and Non Covered air emission sources (e.g. power plants, refineries, rock crushers)
- Rules restrict open burning on all islands
- Fugitive Dust from construction or farming
- Greenhouse Gas rules to address climate change



# Solid & Hazardous Waste Branch

- Solid Waste facility permit (e.g. landfills, recycling centers composting operations)
- Underground Storage Tanks
- Hazardous Waste generators
- HI-5 bottle recycling program
- Electronic Waste recycling





# Environmental Health Services

- Indoor & Radiological Health
  - Community Noise - Permits
  - Air Conditioning Ventilation, Asbestos, Lead, & Indoor Air Quality Programs
  - Radiation Control Program
- Food Safety & Vector Control
  - Food Manufacturing
    - medical devices, tattoo and barber shops, swimming pools
  - Sanitation/Restaurant inspection and permitting
  - Vector Control
    - Prevention of dengue and yellow fever

# Environmental Enforcement

## Fiscal Year 2013

	<i>Inquiries &amp; 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
<b>Environmental Health</b>	<b>7,910</b>	<b>15,389</b>	<b>538</b>	<b>10,423</b>	<b>47</b>	<b>137</b>	<b>\$660,740</b>	<b>203</b>	<b>\$670,782</b>





# Mahalo!

