

**REPORT TO THE TWENTY-EIGHTH LEGISLATURE
STATE OF HAWAII
2015**

**PURSUANT TO CHAPTERS 128D AND 128E, HAWAII REVISED STATUTES,
REQUIRING THE DEPARTMENT OF HEALTH TO REPORT
ENVIRONMENTAL RESPONSE LAW AND
HAWAII EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT
FINANCIAL AND ENVIRONMENTAL SITE INFORMATION
FY2014**

**PREPARED BY:
DEPARTMENT OF HEALTH
STATE OF HAWAII
DECEMBER 2014**

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EXECUTIVE SUMMARY
REPORT ON THE ENVIRONMENTAL RESPONSE REVOLVING FUND
FOR FISCAL YEAR 2014

Chapter 128D, HRS, Environmental Response Law, and
Chapter 128E, HRS Hawaii Emergency Planning and Community Right-to-Know Act

This report, prepared by the State of Hawaii Department of Health (DOH), Environmental Health Administration (EHA), Hazard Evaluation and Emergency Response (HEER) Office, complies with the Hawaii Environmental Response Law (HERL), Chapters 128D and 128E, Hawaii Revised Statutes (HRS) requiring the DOH to report to the State Legislature on the Environmental Response Law and Hawaii Emergency Planning and Community Right to Know Act (HEPCRA).

The report presents an accounting of FY2014 Chapter 128D, HRS, Environmental Response Revolving Fund (ERRF) budget and expenditures for 5 Environmental Health Administration (EHA) programs. The report also presents an accounting of Chapter 128E, HRS, HEPCRA Tier II filing fees collected and distributed for FY2014.

ERRF Support to Five Environmental Health Administration Programs

The ERRF funds five Environmental Health Administration (EHA) programs with 31 positions. They are the Hazard Evaluation and Emergency Response (HEER) Office, Environmental Management Division (EMD), Clean Water Branch (CWB), Safe Drinking Water Branch (SDWB), and the Solid and Hazardous Waste Branch (SHWB).

Revenue

ERRF generates revenue in variable amounts during any given year from the fines, penalties, and interest earned by the environmental programs, and from a 5-cent share of the “environmental response oil tax.” DOH receives a 5-cent share of the \$1.05 per barrel tax. The General Fund receives sixty cents of the tax. Two funds, the Department of Business, Economic Development and Tourism Energy Systems Development fund and the Hawaii Department of Agriculture, Agricultural Development and Food Security special fund receive the remaining 40 cents.

Oil tax revenue to DOH in FY2014 was \$1,239,739.41. Total revenue to the ERRF, including the oil tax revenue, was \$3,066,834.65

Budget and Expenditure

The legislature appropriated budgets for operating expenses and 31 positions to the Environmental Management Division (EMD) (\$1,806,301) and Hazard Evaluation and Emergency Response (HEER) Office (\$3,315,298).

The state expended \$3,676,659 for the five programs.

DOH Oil Tax Revenue Declining

The 5-cent per barrel “environmental response tax” revenue to environmental programs is in decline. For fiscal years 2010, 2011, 2012, 2013 and 2014 oil tax revenue was \$1,421,270, \$1,402,836, \$1,314,717, \$1,294.756 and \$1,239,739 respectively.

Hawaii State Response Program Impacted by Federal Budget Cuts

Current ERRF funding does not fully support the state’s response obligation so the HEER Office implements the environmental site identification, assessment, and cleanup program using combined ERRF, General Fund, and federal cooperative agreement funding.

EPA’s budget cuts from 2010 to 2013 resulted in a net loss of \$320,000 to our EPA State Response Program (SRP) grant, reducing funding for both staff and program activities. The SRP 2014 and 2015 allocation have remained stable at \$980,850. The smaller Preliminary Assessment/Site Investigation (PA/SI) grant which funds site discovery activities has been cut from \$275,000 in 2013 to the 2015 allocation of \$223,000. The Department has been notified that the SRP grant allocation for 2016 will decrease at least 10%, or approximately \$100,000, and cuts to the PA/SI program are expected to continue.

The Hawaii State Response Program (HSRP) Site Lists

This annual report presents four distinct Site Lists at the end of this document.

First, per HRS 128D, this annual report identifies *Sites Eligible for Possible Remedial Action Under The*

EXECUTIVE SUMMARY

Comprehensive Environmental Response Compensation and Liability Act (CERCLA). Three of these sites are listed on the National Priorities List (NPL). Nine other Hawaii sites met initial criteria for listing on the NPL. Responsibility for oversight of these sites has been transferred to the HEER Office.

Secondly, the *FY2014 Hawaii State Response Program (HSRP) Chemical Release Notification Log* lists 376 hazardous substance and petroleum release notifications managed by the HEER Office State On-Scene Coordinators (SOSCs). HEER identified 248 cases directly related to petroleum releases.

Thirdly, the *Hawaii State Response Program List of Priority Sites* presents all non-military Hawaii sites identified for potential or known non-emergency response actions under HRS 128D. The list shows 461 active sites under direct DOH oversight in the various State programs. This includes 48 new sites added during the last fiscal year, and 38 sites with known or suspected contamination that received No Further Action (NFA) determinations.

Finally, the *Hawaii State Response Program Defense and State Memorandum of Agreement (DSMOA) Program List of Priority Sites* presents a list of 364 military sites in Hawaii for which HEER's Site Discovery and Remediation (SDAR) section provides oversight. This includes 48 new

DSMOA site listings and 13 sites with known or suspected contamination that received NFA determinations. Various DOD branches under CERCLA authorities, with regulatory oversight from SDAR manage hazardous substance response actions. These sites include numerous high priority unexploded ordnance sites (UXO). A DOD cooperative agreement funding pays for investigation and cleanup of most military sites under EPA CERCLA authority, and for DOH oversight of the work. Investigation and cleanup of petroleum contaminated military sites are conducted under HRS 128D authority and with DOH oversight also paid for with DOD cooperative funding.

[Hawaii Department of Health Website](#)

Additional information about the DOH and its environmental programs is located at: <http://health.hawaii.gov/>. Specific information on the environmental programs may be located through the 'Environmental Health' and 'Emergency Preparedness and Response' drop down menus on the front page, under Health and Safety Topics.

Information about HEER Office activities including recent events, new initiatives, public records, fact sheets and comprehensive guidance documents may also be directly accessed at: <http://eha-web.doh.hawaii.gov/eha-cma/Org/HEER/>

REPORT ON CHAPTER HRS 128D, HRS, ENVIRONMENTAL RESPONSE LAW (HERL)

Environmental Response Revolving Fund (ERRF) Budget Report

The Chapter 128D, HRS, Environmental Response Law (HERL) annual report to the Twenty Eighth Legislature, State of Hawaii, presents an accounting of Environmental Response Revolving Fund (ERRF) revenue and monies budgeted and expended for implementing environmental protection and response plans and actions.

Five DOH environmental programs share revenue deposited to the ERRF. They are the Hazard Evaluation and Emergency Response (HEER) Office, Environmental Management Division (EMD), Clean Water Branch (CWB), Safe Drinking Water Branch (SDWB), and the Solid and Hazardous Waste Branch (SHWB).

ERRF Uses

128D, HRS ERRF uses are:

1. Removal or remedial actions consistent with Chapter 128D to deal with oil spills and hazardous substance releases.
2. Oil spill planning, prevention, preparedness, education, research, training, removal, and remediation.
3. Direct support for county used oil and recycling programs.
4. To support environmental protection and natural resource protection programs; including but not limited to, energy conservation and alternative energy development; and to address concerns related to air quality, global warming, clean water, polluted runoff, solid and hazardous waste, drinking water, and underground storage tanks (UST), including support for the UST program of the department and funding for the acquisition by the State of a soil remediation site and facility.

Special Funding to Attorney General Continues

The HEER Office receives key legal support from the state Department of Attorney General on a variety of issues including issuing orders to noncompliant parties, negotiating agreements with Voluntary Response Program participants, providing legal guidance on program development and legislative proposals, and developing guidance for property owners on implementation of deed restrictions in accordance with Hawaii's Uniform Environmental Covenant Act.

Special Funding to County's Oil Recycling Program Continues

The ERRF set aside \$200,000 for the management of used oil and to educate the public on proper used oil disposal options. The funding was allocated through the HEER Office and to the Solid and Hazardous Waste Branch for the county oil recycling programs. Maui, Kauai, and Hawaii Counties were appropriated money to operate their respective Do-It-Yourself (DIY) programs. Since the grant program started, the City and County of Honolulu has chosen not to apply for the grant money.

Annual de minimis Settlements

Chapter 128D, HRS, Environmental Response Law, requires that the department report annually on any de minimis settlements. During FY2014, there were no de minimis settlements.

Five Environmental Health Program Budgets

The legislature appropriated budgets for operating expenses and 31 positions to the Environmental Management Division (EMD) (\$1,806,301) and Hazard Evaluation and Emergency Response (HEER) Office (\$3,315,298).

The state expended \$3,676,659 for the five programs.

Fund Revenue

Revenue is generated in variable amounts during any given year from the fines, penalties, and interest earned by the environmental programs, and from the "environmental response oil tax". The "environmental response tax" deposited to the ERRF for DOH use is a state revenue tax of five cents per barrel, or fractional part of a barrel, of petroleum product sold by a distributor to any retail dealer or end user, other than a refiner of petroleum product. The oil tax revenue is one of decline. Oil tax revenue for the past five fiscal years is as follows: 2010 (\$1,421,270), 2011 (\$1,402,836), 2012 (\$1,314,717), 2013 (\$1,294,756), and 2014 (\$1,239,739).

Environmental Response Revolving Fund Revenue – FY2014

<u>Description</u>	<u>Revenue</u>
HTH 849 and HTH 840	
ENVIRONMENTAL RESPONSE TAX	1,239,739
FEES, FILING OF CHEMICAL INVENTORY FORMS	80,300
FEES, VOLUNTARY RESPONSE ACTIONS	41,828
SALE OF SERVICES	6,000
COST RECOVERY	24,999
REFUND/REIMBURSEMENT OF PRIOR PERIOD EXPENDITURES	5,007
VIOLATIONS OF AIR POLLUTION CONTROL REGULATIONS	49,100
VIOLATIONS OF HAZARDOUS WASTE REGULATIONS	1,050,778
VIOLATION OF WATER POLLUTION REGULATION	525,787
VIOLATION OF SOLID WASTE REGULATIONS	13,100
COMMUNITY NOISE CONTROL	30,100
TOTAL	<u>3,066,738</u>

Environmental Response Revolving Fund Expenditure – FY2014

	<u>Expenditure</u>
HTH 849 and HTH 840	
PERSONNEL	2,499,160
OPERATIONS	1,177,499
EQUIPMENT	<u>-</u>
TOTAL	3,676,659

Positions Funded by the Environmental Response Revolving Fund - FY2014

HTH 849 (HEER Office)	2 Toxicologist I, SR 26
	1 Planner V, SR 24
	2 Environmental Health Specialist V, SR 24
	5 Environmental Health Specialist IV, SR 22
	1 Environmental Health Specialist III, SR 20
	1 Secretary II, SR 14
	<u>1</u> Office Assistant III, SR 08
	13 Positions

Positions

Environmental Management Division HTH 840-FE	1 Information Technology Specialist V, SR 24
EMD Clean Water Branch HTH 840-FG	1 Information Technology Specialist IV, SR 22 1 Environmental Health Specialist IV, SR 22
EMD Safe Drinking Water Branch HTH 840-FH	1 Geologist II, SR 28 2 Geologist I, SR 24 1 Environmental Health Specialist IV, SR 22 1 Office Assistant III, SR 08
EMD Solid and Hazardous Waste Branch HTH 840-FJ	1 Env. Engineer IV, SR 24 (SW) 4 Env. Health Specialist IV, SR 22 (3-Hazardous Waste, 1-Leaking Underground Storage Tank (LUST)) 4 Environmental Health Specialist III, SR 20 (1-LUST, 3-UST) <u>1</u> Office Assistant III, SR 08 <u>18</u> Positions 31 Total Positions

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REPORT ON CHAPTER 128E, HRS, HAWAII EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT (HEPCRA)

Environmental Response Revolving Fund (ERRF) HEPCRA Budget Report

In compliance with Chapter 128E, HRS, Hawaii Emergency Planning and Community Right-to-Know Act (HEPCRA), this annual report to the Twenty-Eighth Legislature, State of Hawaii, 2015 presents the accounting of Tier II fee amounts as follows:

- Amount collected during Fiscal Year 2014
- Amounts distributed during Fiscal Year 2014
- Projected collection for Fiscal Year 2015

HEPCRA Facility Reporting and Fees

HEPCRA facilities are those that store, use, or manufacture above defined thresholds, any hazardous substance, or extremely hazardous substance. An owner or operator of a HEPCRA facility must file notification of such "Tier II" activity and pay a \$100 filing fee annually. HEER Office staff assesses each submitted Tier II report,

records the HEPCRA facility data into the EPA Tier II Submit database, and processes the fees for deposit to the Environmental Response Revolving Fund (ERRF).

DOH distributed the deposited Tier II filing fees to the Hawaii State Emergency Response Commission (HSERC) and the Local Emergency Planning Committees (LEPCs) for operating expenditures. The annual amounts distributed to the LEPCs are based on Tier II fees collected from two fiscal years prior and after HSERC operating expenditures have been deducted.

As of June 30, 2014, there are 855 qualifying Tier II facilities. Military facilities must submit Tier II information but are exempt from filing fees.

The HSERC, LEPCs, and HEER Office are continuing efforts to identify and contact possible non-reporting facilities through community outreach and facility inspections.

Tier II Filing Fees Collected and Distributed – FY2014

	<u>Amount Collected</u>	<u>Amount Distributed</u>
FY 2014	80,300	69,921
FY 2015 Projection	81,000	

<u>County</u>	<u>Funds Distributed to LEPCs</u>	<u>Number of Qualifying Facilities</u>		
		Non-Military Facilities	Military Facilities	Total Facilities
Honolulu	\$31,248	378	29	407
Hawai`i	\$16,739	206	5	211
Maui	\$13,523	165	3	168
Kauai	\$8,411	106	4	110
Total	\$69,921	855	41	896

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FIVE KEY ENVIRONMENTAL HEALTH ADMINISTRATION ENVIRONMENTAL PROGRAMS

The ERRF funds five Environmental Health Administration (EHA) programs supporting 31 positions. They are the Hazard Evaluation and Emergency Response (HEER) Office, Environmental Management Division (EMD), Clean Water Branch (CWB), Safe Drinking Water Branch (SDWB), and the Solid and Hazardous Waste Branch (SHWB).

The Hazard Evaluation and Emergency Response Office Hawaii State Response Program Management and Implementation

The HEER Office Mission

The mission of the HEER Office and HSRP is to address all aspects of releases of hazardous substances and pollutants, including oil, into the environment. HEER Office work includes preventing, planning for, and responding to hazardous substance releases, or risks of releases. HEER accomplishes this mission by addressing contaminated sites with the highest risk to human health and the environment first, preventing contamination rather than cleaning up after the fact, and basing decisions on sound scientific principles and common sense.

The Hawaii State Response Program (HSRP)

ERRF funding to the Hazard Evaluation and Emergency Response (HEER) Office supported 13 staff positions and operational costs for the office's implementing program, the Hawaii State Response Program (HSRP). Three operating sections address important focus areas of the HSRP. They are the 1) Emergency Preparedness and Response Section, 2) Hazard Evaluation Section, and the 3) Site Discovery, Assessment and Remediation Section. The HSRP provides for oversight of assessment and cleanup activities on chemical emergency sites, and on high and medium priority sites across the Hawaiian Islands, including privately owned, municipal, and state owned properties, and federal military sites. DOH curtailed oversight of low priority sites due to state budget constraints.

HEER staff works with property owners, the environmental community, developers, the public, and other state and federal agencies to implement solutions for eliminating risk of chemical exposure to humans and the environment. HSRP examples of work performed are as follows:

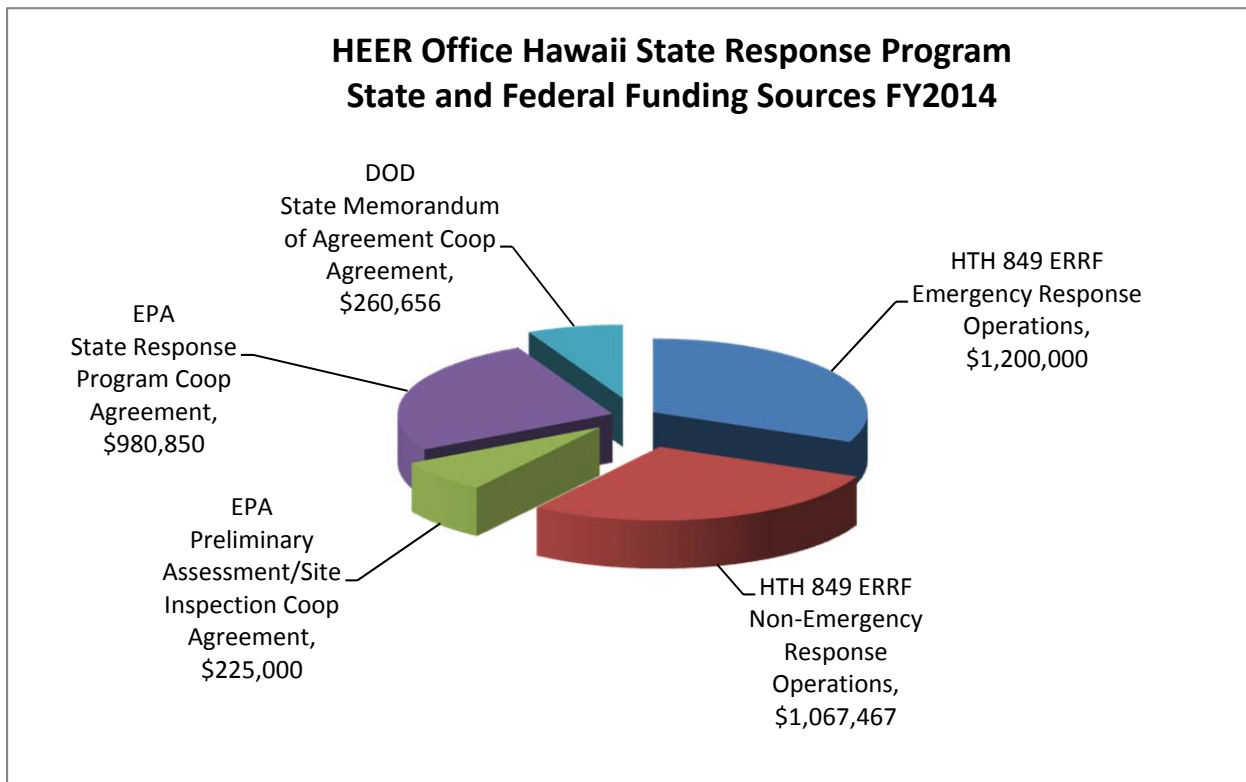
- Emergency response to releases of hazardous substances that pose an imminent danger to people or the environment.
- Non-emergency response actions on properties presumed or known to pose a risk to human health and/or the environment because of contamination with hazardous substances.

- Identification and inspection of sites storing and using hazardous chemicals on property.
- Performing ecological and human health risk assessment in the areas of toxicological assessments of chemical threats to human health.
- Establishing appropriate cleanup levels for chemical contamination.
- Assisting the public and responsible parties with access to information such as:
 - Health effects of chemicals
 - Public Record documents
 - Technical guidance and reference materials for cleaning up contaminated sites
- Ongoing development and management of site related electronic records.
- Environmental policy, law, and rule development.

Essential Federal Funding Support to the HSRP

Current ERRF funding supports only part of the HEER Office state response obligation. Consequently, the HEER Office relies heavily on three cooperative agreement sources of federal funding to implement the office's mission and the HSRP.

The federal funding sources are the EPA State Response Program (SRP), the EPA Preliminary Assessment/Site Inspection (PA/SI) Cooperative Agreements, and the Department of Defense and State Memorandum of Agreement (DSMOA) Cooperative Agreement. Together, these federal programs provided over 40% of the HSRP funding in FY2014.



EPA State Response Program (SRP) Cooperative Agreement:

The HEER Office continues to receive funding from the EPA State Response Program (SRP) grant under Section 128(a) of the Small Business Liability Relief and Brownfields Revitalization Act (SBLRBRA) of 2002. This SRP grant provides crucial funds for staff salaries, capacity building, and program development activities. The 2014 and 2015 grant awards have stabilized at \$980,850, a decline of \$320,000 over the 2010 SRP grant, however, HEER has received early notification of an anticipated cut of at least \$100,000 for 2016.

EPA Preliminary Assessment/Site Inspection (PA/SI) Cooperative Agreement

The EPA Preliminary Assessment/Site Inspection Grant funds site discovery efforts combined with federal CERCLA (Superfund) evaluation of sites. HEER staff evaluates and rate sites based on PA/SI system criteria to determine their eligibility for the National Priority List. When a rated site scores too low to be eligible for the National Priority List of Sites, EPA transfers site-oversight responsibility from the EPA to the State of Hawaii.

This year, the HEER Office used the \$223,000 PA/SI grant to fund positions, conduct field-screening activities, and fund laboratory costs to complete rapid site screenings that assess residential areas that may have been affected by historic releases of pesticides and other contaminants. Grant funding for the PA/SI grant began to be impacted by federal budget cuts in 2014. The FY2014 grant was cut 15% to \$234,000 and an additional cut of 9.5% was imposed for 2015.

Department of Defense/State Memorandum of Agreement (DSMOA) Cooperative Agreement:

The HEER Office participates in two federal cleanup programs. The office provides oversight services to the military on sites located on federal property and managed and funded under the Department of Defense/State Memorandum of Agreement (DSMOA) Program. HEER Office also manages assessment and cleanup activities for sites delegated to the DSMOA funded Formerly Used Defense Sites (FUDS).

The federal government established the DSMOA program to cover reimbursement of costs incurred by the state in providing oversight services to the Department of

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

Defense (DOD) installations conducting environmental cleanup activities funded under the Defense Environmental Restoration Program (DERP). DSMOA funds are given to the state based on the state's request for advanced or reimbursement payment. The DSMOA Cooperative Agreement funds all staff positions overseeing remedial investigations and cleanups under these two DOD programs.

For FY2014, the state's reimbursement under DSMOA was \$260,656.

Modern Data Management and Hazard Tracking Tools

Residual contamination exists at hundreds of sites in Hawaii. Identifying these sites to ensure that unhealthy exposures are not occurring is a shared responsibility of the HEER Office and the affected property owners. The HEER Office has converted many of its public records to electronic format to make them easily available to the public in accordance with Hawaii's Sunshine Law.

A HEER/UH MOA for Analytical Laboratory Service

Since 1998, the HEER Office has entered into contracts with University of Hawaii (UH) to characterize unknown hazardous substances. The successful collaboration allows for quick identification of chemical pollutant unknowns while conducting emergency response actions. The HEER Office is currently in a five-year contract with UH, effective May 1, 2014 until April 30, 2018. In addition to UH analyzing unknown substances, the university staff assists in training and outreach to Fire HazMat teams throughout the State.

Cost Recovery

Chapter 128D, HRS, provides legal authority to cost recover all ERRF expenses for DOH response actions. For FY 2014, HEER Office received \$24,999. HEER Office mechanisms for the cost recovery are:

Responsible Party Agreement: DOH recovers oversight expenses for the Honolulu Authority for Rapid Transportation, Honolulu Harbor, Hickam Community Housing, and GASCO cleanup sites in accordance with the terms of their respective Agreements for Remedial Action.

Fast Track Agreement: Parties wishing to receive expedited oversight of investigation and cleanup of low and medium priority sites have the option to enter into Fast Track Agreements, in which they pay oversight costs in return for face to face meetings and expedited document reviews. During FY2014, seven sites were enrolled in the Fast Track Program.

Voluntary Response Program Agreement: DOH recovers oversight expenses for VRP and other cleanup sites in accordance with the terms of their respective HRS 128D Part II Voluntary Response Program Agreements for Remedial Action.

Emergency Response Action Expenditures: Money spent for responding to a chemical emergency is cost recoverable, only when expended from the ERRF. State On-Scene Coordinator's (SOSCs) personnel costs are paid from the General Fund and are not cost recoverable. Moneys expended from the ERRF for private emergency responder contractor services are cost recoverable.

Penalties: Penalties are assessable to a Responsible Party for failure to report a release of a hazardous substance, pollutant, or contaminant, or for failure to comply with a departmental or judicial cleanup order.

HEER Office Emergency Preparedness and Response Key Actions

The HEER Office is responsible for planning, preparing for, and responding to releases of hazardous substances that may cause immediate and substantial threat to human health or the environment. This major area of responsibility is managed by General funded State On-Scene Coordinators (SOSCs) trained to enter hazardous atmospheres in self contained breathing apparatus (SCBA) and various types of personal protective equipment.

SOSCs are back-up personnel to first responder County HAZMAT teams and on 24-hour call. As a member of the Pacific States/British Columbia Oil Spill Task Force, HEER Office co-hosted the Clean Pacific Oil Spill Conference in Portland, Oregon, attended by over 500 oil companies, responders, and cleanup contractors.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

Notable HEER Office responses during FY2014 include the following:

Honolulu Harbor Molasses Release

On the morning of September 9, 2013, the HEER Office was alerted to a brown water situation in Honolulu Harbor. Upon investigation, the brown water had spread, covering much of the harbor and fish were observed in distress. The cause of the water discoloration was unknown.

On September 10, 2013, it was discovered that the brown water originated from a leak in the molasses pipeline by Pier 51B. Several agencies including the U.S. Coast Guard, U.S. Fish and Wildlife Service, Department of Land and Natural Resources, and the National Oceanic and Atmospheric Administration came together to manage the situation with the Department of Health in the lead position. Over the next two weeks, daily water sampling and helicopter flyovers were conducted to monitor the impact and movement of the molasses plume. Warning signs were posted in order to keep the public out of the impacted waters.

After twelve days, Honolulu Harbor appeared clear of the molasses plume through natural attenuation. Water sampling and aerial monitoring confirmed these findings and Honolulu Harbor and Keehi Lagoon resumed normal functions.



Dead marine life found on September 10, 2013



A HEER On-Scene Coordinator conducts water sampling, September 11, 2013



Aerial view of molasses plume, September 12, 2013

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

Red Hill Tank 5

The Red Hill fuel storage facility was constructed from December 1940 through 1943 as a national strategic asset, providing fuel storage for ships and aircraft for the military. It is located 100 feet under a ridge within Honolulu, Hawaii. It is unique in that each of the 20 vertical cylindrical tanks measures 250 feet tall by 100 feet in diameter. Each of the tanks is large enough to hold Aloha Tower. The tanks were hollowed out of volcanic rock and reinforced with concrete and lined with steel plates. It was constructed by approximately 3,900 workers with no interruption in construction



during the attack on Pearl Harbor on December 7, 1941, and remained classified until after the end of the 1990s. The facility is connected by pipes and tunnels to Navy piers and a harbor-side pumping station more than 2 miles away.

In December 2013, Tank 5, one of the 20 underground storage tanks that can each hold 12.5 million gallons of fuel, was placed back in service following a 4-year maintenance period. In January 2014, up to 27,000 gallons of JP-8 fuel were reported missing due to fuel level discrepancies and wet spots that were observed on the tunnel wall. It is estimated that approximately 1.2 million gallons of fuel have leaked out from all of the tanks. Petroleum contaminants have been detected in the U.S. Navy Red Hill Shaft, a drinking water source, which is approximately 2,400 feet downgradient from the tanks.

Contents of the tank were removed, the tank was vented for about a month, and multiple pinholes in the tank were found. On February 14, 2014, the HEER Office's Emergency Response section referred the incident to the Solid and Hazardous Waste Branch. Cleanup and remediation continue to be overseen by the Department of Health.



Figure 1-3
Red Hill Tanks and Surrounding Infrastructure
Red Hill Fuel Storage Facility
Oahu, Hawaii

1 inch = 300 feet

FIVE KEY EHA ENVIRONMENTAL PROGRAMS



Military Cargo Truck H1 Freeway Oil Release

A military cargo truck caught fire and burned on H1 freeway on February 6, 2014. Approximately 100 gallons of JP-8 fuel and most of the hydraulic fluid tank's capacity of 68 gallons were consumed by the fire. An absorbent sock was used around a storm drain approximately 100 yards away and contaminated dirt was excavated.



FIVE KEY EHA ENVIRONMENTAL PROGRAMS

Hawaiian Electric Company/Chevron Pipeline Oil Release

On February 17, 2014, an on-duty SOSC received a call regarding oil seeping out from the ground along Kalaeloa Boulevard, towards Campbell Industrial Park. It turned out to be a leak of a low sulfur fuel oil from an 8-inch pipeline buried approximately six feet below ground surface. The line originated from Chevron and headed towards Kahe, a Hawaiian Electric Company power plant. Approximately 2.8 barrels of oil were released. Pipeline crews were mobilized to excavate, the leak was stopped with a clamp installation and the impacted oil was removed and appropriately disposed.



HECO/Chevron Pipeline Oil Release

Roll-offs Hawaii Diesel Above Ground Storage Tank

On March 3, 2014, approximately 1,084 gallons of diesel was released from a 3,000 gallon aboveground storage tank. The cause was a procedural operator error where the person did not turn off the tank's pressure pump. Removal and clean-up was conducted by the responsible party. Storm drains were checked daily until March 17, 2014 until no visible sheen resulting from the incident was observed.



Roll-offs Hawaii Diesel Above Ground Storage Tank

Chemical Spill on the Moanalua Freeway On-Ramp

On March 30, 2014, approximately 60 gallons of a commercial degreaser spilled on the Moanalua Freeway on-ramp after it fell off a truck. The driver did not secure the containers well enough, causing the accident. The freeway on-ramp was closed for responders to contain and clean up the spill. The responsible party did not have a spill plan and the removal and clean up was conducted by state contractors. The HEER Office received reimbursement from the responsible party for the cleanup costs.



Chemical Spill on Moanalua Freeway On-Ramp



Van in Ala Wai Canal

On May 14, 2014, a 29-year old drove a stolen Dodge Caravan into the Ala Wai Canal. The driver was reportedly driving at a high rate of speed, lost control, hit a coconut tree, went airborne, and plunged into the Ala Wai Canal.

Response was conducted by the State by placing a boom around the van prior to its removal from the canal to prevent oil from escaping, especially since the canal leads into the ocean.

The person was arrested for suspicion of drunken driving, driving without a license, and auto theft. The State is attempting cost recovery efforts against the person for the response.



Two-Valved Compressed Gas Cylinder on Kauai Beach

On May 29, 2014, an unknown compressed gas cylinder washed on Ahukini shores, the eastern side of Kauai. Due to the rusted condition of the cylinder and the likelihood that the cylinder could have contained anhydrous ammonia gas, as a precaution, HEER conducted a response on June 6, 2014. Upon further investigation, the cylinder contained residual propane gas.



Iroquois Point Boat Sinking

A private vessel docked at Iroquois Point Harbor started to sink on May 30, 2014. Fuel and oil from the vessel were released into the water. Boom was used to contain the fuel and absorbent material was used to clean up as much of the spill as possible. The vessel was refloated and repaired with no further discharges to the water.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

Epoxy Fire

A construction company in Kailua attempting to dispose of expired two-part epoxy A and B solutions, mixed the two reactants in open make shift containments and allowed to react overnight. On the morning of January 18, 2014, HFD responded to a fire at the site. Heat from the fire was also impinging adjacent drums. HFD extinguished the fire and prevented the drums from exploding.



Drums from an epoxy fire

Noelani Elementary Lockdown Due to Chemical Odor

One March 10, 2014, school staff noticed a chemical smell and initiated a school lockdown of the students which was “shelter in place.” The chemical smell was described as gasoline-like odor. The school principal then called 911. The source of the chemical smell was emanating from a manhole cover when school staff noticed roaches crawling out of the cover’s hole. The Honolulu Fire Department and HAZMAT teams arrived and detected volatile organic compounds with their multi-gas meter at the hole and began monitoring all manhole covers on campus. City and County Wastewater and Storm Water crews also responded and provided maps of their underground utilities. Responders determined the odor was coming from the sewer system. Air samples from the sewer system was procured and identified by off-site laboratory analysis as iso-pentane and methyl butane. Over time, the air concentrations decreased in the sewer system. The students were given an early release for the day.



A HEER State On-Scene Coordinator inspecting a manhole at Noelani Elementary

BEI Kauai Bleach Spill

While on delivery, a vehicle was driving through a turn on the road when the securing strap holding two bleach totes broke causing the totes to slide off the trailer. The fallen totes fractured and released a total of 330 gallons of 12% bleach. The bleach flowed towards the roadside and then along the shoulder. BEI crew applied neutralizing powder/granules on the spilled bleach and later picked it up. The spill was contained on the road and road’s shoulder. A nearby stream was not impacted.



BEI Kauai Bleach Spill

Hazard Evaluation Actions and Studies

Ecological and Human Health Risk Key Studies

The HEER Office Hazard Evaluation (HE) Section provides ecological and human health risk assessment, conducts toxicological assessments of chemical threats to human health, establishes appropriate cleanup levels for chemical contamination, and assists the public with information concerning the health effects of chemicals.

Health Surveillance for Environmental Factors

In FY2014, staff provided risk assessment support and responded to a diversity of inquiries concerning potential health hazards. These inquiries included questions regarding heavy metals (mercury, lead, and arsenic), pesticides, indoor and outdoor air pollutants, and illnesses potentially related to the environment.

DOH continued integration of environmental and health effects datasets used to track disease related to environmental pollution factors during normal and emergency response conditions. Data sharing from formal health surveillance systems for both environmental pollutants and infectious diseases was further automated using multiple funding sources, including the ERRF. A description of the Department's health surveillance system in 2007 is at: <http://hawaii.gov/health/about/legrpts2007/> in a report under HCR 76, HD 1, 2006. Using ERRF funding, the HEER Office continued its actions to electronically acquire, manage, and analyze environmental surveillance data received from physicians and laboratories.

The CDC Adult Blood Lead Epidemiology and Surveillance (ABLES) Reporting Interagency Agreement

Since 2008, the HEER Office has participated in the Adult Blood Lead Epidemiology and Surveillance program (ABLES) funded by the U.S. Centers for Disease Control and Prevention. Unfortunately, funding for the nationwide program was discontinued in FY 2014. Despite the loss of the contract, Hawaii will continue to provide adult blood lead surveillance data to the ABLES program. Hawaii continues to have very few cases of elevated blood lead levels in adults.

Environmentally Related Illness and Injury Reporting and Surveillance (Pesticides and Heavy Metals)

Under the authority of Section 321-311, HRS, Environmentally-Related Illness and Injury Surveillance, the HEER Office is required to collect information on Pesticide and Heavy Metal Poisoning.

A group of pesticide and heavy metal analytes were added to the Electronic Communicable Disease Reporting System (ECDRS) electronic data feed from clinical laboratories on Hawaii to the Department of Health (DOH), Disease Outbreak Control Division (DOCD) Disease Investigation Branch (DIB). Using the electronic results, HEER has been tracking children and adults with elevated lead levels. Educational materials have been provided to all physicians testing women of childbearing age for mercury.

Vanadium in Drinking Water

The HE section prepared a fact sheet on vanadium in Hawaii's drinking water (<http://eha-web.doh.hawaii.gov/eha-cma/Org/HEER/>). Recent testing showed that several wells on various islands had vanadium levels higher than the EPA health guideline. Vanadium is a naturally occurring element found in drinking water and has been present since the Hawaiian Islands have formed. The DOH does not consider the levels of vanadium found in Hawaii's drinking water to be harmful.

HEER Addresses Statewide Pesticide Concerns

Given the increased community concerns on Kauai and elsewhere about pesticide drift, the HEER Office has created a web page <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/HDOH-Pesticide-Studies-and-Coordination-with-other-Agencies> with documents and links addressing various aspects of pesticide use in Hawaii. A number of pesticide related studies we have conducted this year are discussed below.

Kauai Cancer Cluster Analysis

People have raised concerns on Kauai about the health impact of pesticides used by agricultural chemical companies. In response to inquiries from community members on Kauai, the Hawaii Tumor Registry (HTR) evaluated the incidence of cancer by census tract on Kauai compared to the entire state of Hawaii. Incidence is the number of newly diagnosed cases of cancer in a specific population during a specific time period. The evaluation found that there is not a higher incidence of cancer on Kauai compared to the rest of the state, except for melanoma. The primary risk factor for melanoma is exposure to ultraviolet radiation. The higher rates of melanoma on Kauai may be explained by a larger proportion of Caucasians (Whites) residing in the northern region of Kauai. In Hawaii, individuals of Caucasian ancestry have the highest incidence of melanoma compared to other groups. The DOH

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prepared a fact sheet that addresses key issues in evaluating cancer in communities.

Investigating Data Gaps for Atrazine

House Concurrent Resolution (HCR) No. 129, H.D. 2, S.D. 1, which was adopted during the 2013 Regular Session, requested DOH to develop partnerships to address the potential data gaps on air, surface water, and near shore effects of atrazine, a restricted use herbicide.

The report found that atrazine use in Hawaii has declined from a high of approximately 400,000 pounds active ingredient per year in 1964 to 77,000 pounds active ingredient in 2012. The drop in atrazine usage over time reflects the decline of sugarcane cultivation, cancellation of some uses and more restrictive label application rates.

From 2000 to 2012, there were 4,800 calls to the Hawaii Poison Hotline for human pesticide exposures. One case of atrazine exposure to a worker was received by the Hawaii Poison Hotline during this time. Of the complaints made to the Hawaii Department of Agriculture (HDOA) from 2010 to October 2013 no cases of atrazine exposure were confirmed.

Environmental data for groundwater, surface water and air in Hawaii were evaluated. Extensive drinking water data for atrazine exists. Since 1993, atrazine concentrations in drinking water have not exceeded the maximum contaminant level (MCL) of 3 parts per billion. There is a downward trend in atrazine levels in drinking water throughout the state. Air sampling by the University of Hawaii (UH) on Kauai did not find detectable levels of atrazine. Limited surface water monitoring showed trace levels of atrazine on Oahu, Kauai, Maui and the Island of Hawaii. Based on this review of all available environmental data, there were no exceedances of health-based or ecological regulatory standards for atrazine.

Because little data were available on atrazine occurrence in surface waters of the state, it was not possible to assess whether ecological benchmarks for atrazine exposure were being exceeded in streams and near shore waters in Hawaii. DOH recommended additional stream and near shore water sampling for atrazine and other pesticides which was completed in January 2014.

Statewide Pesticide Survey

In response to growing community concerns about possible offsite impacts of currently used pesticides on local communities and ecosystems, the HEER Office and

the Clean Water Branch partnered with Hawaii Department of Agriculture (HDOA) and used HDOA special funds to design and implement a pilot study to sample surface waters and sediments statewide. The agencies enlisted the help of the U.S. Geological Survey (USGS) to provide state of the art analytical services and expert technical assistance. To extend the reach of the project, USGS provided additional matching funds from their Cooperative Water Program.

In December 2013 and January 2014, HDOH sampled surface water and sediment at 24 surface water locations statewide for a comprehensive suite of currently used pesticides. The sites were selected with help from local stakeholders to represent four different land uses, each with differing pesticide use practices. Locations were chosen in areas across the state where currently used pesticides have the potential to enter local surface waters and/or the near shore marine environment.



Study results are being released so that the wide variety of interested parties can evaluate the data immediately and begin to work together to learn more about the occurrence and concentration of currently used pesticides in non-target environments, and how they may relate to different land use types and current pesticide practices. Further assessments and monitoring are dependent upon future funding.

Site Discovery, Assessment, and Remediation Cleanup Highlights

Reclaiming Contaminated Properties

The HEER Office continues to prioritize its operations to focus resources on major threats to human health and the environment. For FY2014, the HEER Office accomplished its primary mission with a focus on discovery and oversight of assessment and cleanup activities on high and medium priority sites across the Hawaiian Islands, including privately owned, municipal, and state owned properties and, federal military sites. Oversight of low priority sites and technical assistance to other agencies continues to be curtailed due to staff shortages and budget constraints.

Sites Evaluated for Removal and Remedial Action

Property owners, responsible parties, and prospective purchasers regularly contact the HEER Office to report releases of hazardous substances, pollutants or contaminants as required by HRS 128D, or wishing to assess and manage hazardous substances, pollutants or contamination affecting properties in which they have an interest.

Our ERRF and federally funded state remedial project managers evaluate information provided, and direct additional investigation as needed to understand the nature and extent of contamination, and identify hazards requiring remedial action to protect human health and the surrounding environment. Over 1,109 state sites have been identified and investigated by the SDAR section. 29 of these sites were added in 2014 because of both active site discovery and statewide redevelopment activities. 407 state sites remain open at the end of FY2014 and are being assessed for future action.

Responsible Party Participation

Like the federal Superfund law, HRS 128D requires responsible parties and property owners to investigate and clean up contamination under regulatory oversight. Where needed, the HEER Office has authority to issue orders to require investigation and cleanup of properties that may pose an imminent threat to human health or the environment. ERRF funds may be expended to complete cleanup activities if the responsible party fails to do so.

In practice, the State Response Program works cooperatively with responsible parties and property owners, identifying potential hazards and directing investigation and cleanup activities. Clearly, this tested partnership approach results in more successful and

timely cleanups, while conserving fund monies. In 2014, Responsible Parties conducted the vast majority of investigation and cleanup actions on a voluntary basis, without a formal cleanup agreement in place.

A limited number of cleanup actions were conducted under one of three types of regulatory agreements with the HEER Office, described below.

Voluntary Response Program Key Oversight

The Voluntary Response Program (VRP) encourages voluntary cleanup of contaminated properties, and includes a cost recovery mechanism to offset HEER oversight costs. Under Chapter 128D, HRS, DOH has the authority to grant prospective purchasers or developers an exemption from future liability if cleanup is performed to DOH specifications under the program.

Past, current or future property owners can participate in this program, but exemptions from liability can only be given to future purchasers or tenants. Completion of the voluntary cleanup action is accompanied by a Letter of Completion (LOC) issued by the Department of Health and noted on the property deed. To date, 30 contaminated properties have been enrolled in the VRP program. Of these, DOH has issued 24 LOCs for 22 sites, closed one site with a No Further Action (NFA) determination without liability relief, and seen three sites withdraw from the program.

Today, there are six active VRP sites in the program. Responsible parties with sites participating in the VRP pay the state for DOH oversight of their remedial activities.

Remedial actions are complete and LOCs are currently pending at three other VRP sites as the final VRP requirements are being completed at the Lowe's Iwilei, Costco Maui Gas Station, and Honolulu Wood Treatment.

Fast Track Decisions

The HEER Office Fast Track Cleanup process provides a streamlined approach for property owners to conduct protective, independent cleanups of low and medium priority sites, and improve Hawaii's ability to focus on more serious and complex releases. The program includes cost recovery, providing necessary funding for the HEER Office to provide priority oversight for sites that pose low environmental risks. Forms and information on Fast Track Cleanups (FTC) designed to enable landowners or other private parties to conduct a voluntary investigation or cleanup under a simple agreement with the HEER Office are located at:

<http://hawaii.gov/health/environmental/environmental/hazard/fasttrack.html>.

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Seven sites were enrolled in the Fast Track Cleanup agreements this fiscal year, with two sites, the Waimanalo Time Warner property and the Marine Corps Base Hawaii Athletic Field, reaching closure. These include. Other projects underway include urban redevelopments in Waikiki and Ala Moana, multi-family residential sites and industrial sites on Oahu and the Big Island. Each site is moving towards closure and re-development within the next six months. Given the rapid pace of brownfields redevelopment, interest in Fast Track is increasing as developers seek rapid regulatory response times for low risk sites. Applications for additional sites are pending.

Site Discovery Program

Discovery of historically contaminated sites that may pose a threat to current or future users is an important focus area for the HEER Office. HEER Office uses federal funding to locate and sample properties that may have invisible contamination that could cause harm, particularly in the event of residential redevelopment.

The focus area for FY2014 was community impacts from area wide arsenic resulting from historic use of arsenical herbicides in former sugar cane lands in the Hilo and Pahoa areas of the Big Island. The Site Discovery team conducted assessment and limited sampling in areas where young children might have high levels of contact with soil. This project included targeted sampling and outreach to daycare centers, former sugar mill camp housing and assessment of public parks in the Hilo area.

The HEER Office continues our focus on historic pesticide mixing, storage, and loading areas from both sugar cane and pineapple operations.

The HEER Office has discovered and investigated 44 sites statewide through the Site Discovery program. Site Discovery has been completed on 30 sites, with no elevated contaminant concentrations found at 25 of the sites evaluated. Two sites have completed investigation and remedy selection, and have active plans for residential redevelopment upon completion of cleanup activities.

Five sites have residual contamination present that will require use restrictions, safe management and further investigation before redevelopment can occur.

Honolulu Rail Transit Project

Construction activities are in full swing along multiple sections of the Honolulu Rail Transit Project (H RTP) after lifting of the court-ordered stop work order in September 2013. The HEER Office continues close regulatory oversight of the H RTP to ensure any contamination

encountered during construction is managed safely, efficiently and in accordance with state law.

The H RTP includes installation of hundreds of columns to support 20 miles of elevated guide ways, 21 stations, extensive utility relocations, a large rail car maintenance and storage facility, and several park and rides.



Construction is occurring in large areas of known and potential subsurface contamination from a variety of historic activities. Safe management requires proactive, advanced planning before ground can be broken, and close, ongoing coordination with multiple construction teams on the ground. To approach this complex task, HEER supports using a project-wide EHMP approach to systematically evaluate contamination potential and ensure that contaminated materials encountered are rapidly identified, properly handled to ensure the safety of construction workers and the public and disposed of in accordance with state law.

The Honolulu Authority for Rapid Transportation (HART) is working closely with the HEER Office and SHWB to finalize the draft Programmatic Environmental Hazard Management Plan (EHMP), already being implemented throughout the project site. This document provides clear, systematic instruction for all H RTP subcontractors to manage contaminated materials that may be encountered during construction activities occurring along the 20 mile long line. Negotiations are ongoing to finalize the plan during the next fiscal year.

The HEER Office, along with SHWB, has initiated intermittent audits of H RTP construction activities to ensure they are complying with state regulations during construction.

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Reaching out to Inform Communities about Cleanup of Unexploded Ordnance

In 2014, the HEER Office continued its oversight and collaboration with the U.S. Army Corps of Engineers (USACE) to clean up unexploded ordnance (UXO) in Hawaii. The primary role of the Formerly Used Defense Sites (FUDS) Program is to assure that all work performed by the USACE complies with State and Federal laws. In addition, members of the FUDS team work closely with USACE staff to obtain official 'Rights-of-Entry' that are required before cleanup work can begin on private property. Property owners are considerably more willing to grant access when their concerns are addressed by State environmental health specialists.



Raising awareness of the presence of UXO is the most effective approach to protecting the public. To this end, FUDS team members routinely join the USACE at public meetings, school briefings, and other community events to explain the dangers associated with UXO. The goal is to raise awareness of the problem and the proper action to take. The public is taught the "3-R's" of UXO safety, namely: "Recognize...Retreat...Report." This 'mantra' was developed by the DOD and used nationally to promote public safety.

In 2014, the HEER Office decided to hold the State's first UXO Conference for key stakeholders to discuss the current status and challenges facing DOH and the USACE with regard to UXO. In doing so, the HEER Office reached out to bankers, realtors, resort owners, landowners, contractors, and state and county officials. Unfortunately, the event was canceled due to the threat of Hurricane Ana making landfall on the same day. A decision to reschedule the conference is pending. In 2015, the HEER Office plans to meet separately with key

stakeholder groups to raise their awareness and promote greater collaboration in assuring public safety.



The key challenges identified by the HEER Office are: raising public awareness; assuring proper disclosure when transferring property; providing reasonable warnings on public property; and landowners granting rights-of-entry to USACE. The last item is particularly important going into 2015 since the USACE has just begun its cleanup work on over 800 privately owned parcels of land in the Waikoloa area of the Big Island. The HEER Office plans to work closely with the USACE to encourage landowners to grant access to their properties.

High Priority State Sites

A key role of the HEER Office is to identify sites where current or projected exposures to hazardous chemicals could pose a threat to public health or the environment. These sites receive high priority designations. In 2014, there are 107 high priority sites in the Hawaii State Response Program. Examples of major progress on high priority sites are described below:

Honolulu Harbor Area wide Contamination

Because of extensive historic petroleum contamination of subsurface dating back to territorial days, Honolulu Harbor remains one of HEER's top priorities. Work is underway at a number of high priority sites, including:

BHP GASCO Benzene Site, Oahu

A third year of active remediation using in situ Chemical Oxidation (ISCO) is underway at the highly contaminated GASCO site in the Iwilei District, as Weston Solutions implements the Response Action Memorandum approved by DOH in August 2011. The remedy relies on injections of hydrogen peroxide and persulfate to safely

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degrade benzene and other contaminants, and has contingencies in place to prevent offsite migration. The long-term solution requires engineering and institutional controls to ensure lasting protectiveness.

HEER Office is carefully monitoring the cleanup of the GASCO site. Based on the results associated with the injection of over 1,000,000 pounds of hydrogen peroxide, additional remedial actions, including possible excavation of hot spots, may be needed to reach the cleanup goals established for the project. The remedy requires intensive ongoing monitoring at the site to evaluate changes in subsurface conditions, guard against migration of contaminants offsite and track long-term effectiveness.

Dole Cannery

Because contamination from the GASCO site also affects the adjacent Dole Cannery building, Weston Solutions is pursuing a separate remedial investigation under DOH oversight to remediate soil vapor intrusion concerns resulting from the contaminant plume known to have migrated beneath the Dole Cannery Building.

Required monitoring of indoor air in the Cannery Building has shown that indoor air quality meets acceptable levels, and does not pose a risk to current occupants. A pilot study is currently underway to establish whether a pump and treat approach for contaminated groundwater can effectively reduce contaminants under the building to minimize future soil vapor intrusion concerns. Weston Solutions will use the results of the pilot study as part of the required Remedial Alternatives Analysis expected in 2015.

VRP Projects on the former Conoco Phillips Petroleum Terminal

Lowe's entered into the Voluntary Response Program (VRP) to remediate and redevelop the former Conoco Phillips terminal property in Iwilei. Lowe's elected to investigate and clean up the property in two parts, as discussed below.

Lowe's Iwilei

After extensive remediation of heavily petroleum-contaminated soils, the Lowe's store opened in 2012. Since that time, required soil vapor and groundwater monitoring has confirmed the successful implementation of the remedy. Upon approval of the final EHMP, expected in late 2014, HEER will sign a VRP Letter of Completion and an environmental covenant will be placed on the property.

Brewer Environmental Industries

While the existing business will continue to operate on site for the foreseeable future, Lowe's has completed initial site characterization activities on this property adjacent to the Lowe's store. Work is ongoing to evaluate existing and future hazards at the site in preparation for development of clean up options for the site. DOH anticipates the submission of an Environmental Hazard Evaluation and Environmental Hazard Management Plan in late 2014. These documents will describe hazards that will be encountered during remediation and provide a basis for future redevelopment planning. The next steps will include identification and comparison of potential remedial alternatives and submission of a formal Response Action Memorandum for public review and comment.

Iwilei District Participating Parties (IDPP) Enforceable Agreement for Area wide Contamination

The Iwilei District Participating Parties (IDPP), LLC, has completed intensive investigation and early cleanup actions for their areas of responsibility in Honolulu Harbor. With the recent approval of the final Removal Action Report for Operable Unit (OU) 1A, covering the Fishing Village on Pier 38, public participation and remedy selection is now complete for all major Operable Units.

IDPP continues to implement the remedies approved by DOH to manage residual petroleum contamination in subsurface soils. These include free product removal, infrastructure repairs and a variety of institutional and engineering controls required to ensure long-term protectiveness of the remedies for future generations and the nearby marine environment.

Notable milestones by IDPP include:

- Completion of a multi-year investigation of storm drains under Nimitz Highway. All storm drain segments and deep manholes in the OU2 area have been inspected for cracks or other damage using remote operated cameras.
- Based on the camera survey, IDPP completed replacement of a storm drain segment near West Marine on Nimitz Highway that showed evidence of cracking. IDPP continues to investigate one remaining segment with petroleum staining to establish what steps may need to be taken to ensure the integrity of the storm drain in that area.

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- Approval and ongoing implementation of the EHMP for OU1C. With the Department of Transportation (DOT) planning relocation of multiple harbor tenants at OU1C, completion of this document and the associated outreach materials is very timely, facilitating DOT construction projects.
- In order to reach tenants, utilities and property owners planning excavation activities within IDPP Hazard Management Areas, IDPP is conducting multiple outreach meetings to provide guidance and direct construction support for safe management of contaminated materials. This year, IDPP briefed 60 stakeholders who may supervise, manage, or work in and around construction sites within the designated Hazard Management Areas. The presentation materials include standard operating procedures for safe management of petroleum impacted soils during construction activities, including excavations, dewatering, soil disposal or re-use, and worker protection.

Programmatic Approaches to Managing Area wide Contamination in the Iwilei District

In order to support ongoing utility work and construction in areas of Iwilei not covered by the IDPP Hazard Management Areas and not currently under direct DOH oversight, the HEER Office developed the Iwilei Programmatic Environmental Hazard Evaluation and Environmental Hazard Management Plan (EHE/EHMP). The purpose of this document is to provide guidance on the proper management of contaminated soil and groundwater encountered during installation and repair of utilities in roadways, common areas and on properties that are not presently covered by a DOH-approved EHE/EHMP. The EHMP covers the Iwilei Area, bordered by Waiakamilo Road, Dillingham Boulevard, River Street, and Nimitz Highway.

In FY2015, HEER expects to expand reach of the Iwilei EHMP to include areas in the Honolulu Harbor makai of Nimitz Highway.

Metals, Petroleum Primary Contaminants Identified at Planned Kapalama Container Yard, Piers 39-50, Honolulu Harbor

DOT Harbors is wrapping up extensive site characterization activities examining surface and subsurface soils as well as sediments at the former Kapalama Military Reservation in Honolulu Harbor.

To date, the investigation has found elevated levels of metals, areas of petroleum contamination and pockets of other contaminants resulting from historic activities on the site. Complex construction pre-planning and initial demolition activities are underway for the 60 acre Kapalama Container Facility planned on the site.

Sediment results are expected soon and soil vapor monitoring is planned in FY2015 in areas where elevated levels of petroleum were found.

Managing Historic Petroleum Contamination during Construction of Hilo Harbor Pier 4 Cargo Container Yard

The Department of Transportation Harbors Division is also hard at work on a new container facility in Hilo Harbor. A DOH-approved concurrent environmental site investigation is ongoing as construction is progressing on the cargo yard. As expected from earlier investigations, sporadic free petroleum product and areas of light contamination have been encountered during construction. In addition, a number of abandoned pipelines have been discovered and are currently being investigated to ensure that they don't contain residual petroleum. The approved Construction EHMP details proper identification, safety measures and impacted soil and groundwater management during all ground disturbing construction activities. DOH continues to provide close oversight of DOT investigation and construction activities.

A key aspect of the overall Pier 4 construction project to minimize potential contamination to Hilo Harbor in the future is the planned sealed barrier (i.e. sheet-piling wall) to be constructed the length of the waterfront to help prevent petroleum contamination from reaching the bay. Monitoring wells and this sheet-piling barrier will be installed after completion of the Cargo Yard area.

In addition, DOH continues to direct potentially responsible parties who may have contributed to oil contamination at the harbor to assist DOT harbors with investigation and management of petroleum contamination on site. Close cooperation between DOT Harbors and members of the Joint Pipeline Group is essential to ensure any contamination discovered is managed rapidly and effectively and complete site investigation activities are completed concurrently with Pier 4 construction activities. The Joint Pipeline Group includes the major petroleum companies operating in the harbor and Hawaii Electric Light Company (HELCO) who operate the major oil pipelines and terminals in the area.

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Pesticide-Impacted Soil Cleanup at Hickam Communities Military Housing

After reviewing one year of required post-cleanup reporting on the implementation of the HEER-approved Environmental Hazard Management Plan, HEER issued a No Further Action with Institutional Controls Determination to Actus Lendlease. This documents successful completion of all required cleanup activities at Hickam Air Force Base military housing neighborhoods and demonstrates effective implementation of the long term EHMP.

Waiakea Pond Arsenic Investigation

Sampling and analysis work to re-assess arsenic impacts in Hilo's Waiakea Pond/Wailoa River Estuary begun in late 2013 was continued in 2014 with collections of crab, fish, and sediment at several "control sites" for comparison to the arsenic levels documented in crab, fish, sediment, and algae collected in Waiakea Pond.



Waiakea Mill Pond was the site of a former "Canec" plant that produced a wallboard product from waste sugarcane fiber. The canec was treated with inorganic arsenic as a termiticide and as a result of plant operations from circa 1930-1960, hundreds of tons of arsenic were discharged into Waiakea Pond over the years via wastewater. Limited analyses conducted a number of years ago did not indicate a significant arsenic risk from fish consumption. Data analysis currently underway will support screening-level risk assessment for human health due to consumption of fish and crab and help evaluate ecological risk for wildlife consumption of fish, crab, or algae. Arsenic speciation analyses were conducted for all samples collected to determine and evaluate both inorganic and organic arsenic fractions in addition to the total arsenic residues. The organic forms of arsenic are believed to be essentially non-toxic or much less toxic to humans than inorganic arsenic, so this is a critical determination for risk assessment.



Brownfield Success Stories: Final Cleanup Action Plan Approved for the Former Kohala Sugar Company Pesticide Mixing Site

The former Kohala Sugar Company Pesticide Mixing Area supported historic sugarcane production operations in the Kohala District of Hawaii Island. The company closed operations in 1975. Soil at the former pesticide mixing area presumably became contaminated as a result of chemical spills, mixture runoff, and rinse water discharge over many years of pesticide mixing and loading. Arsenic and dioxin contamination is present in areas of about one quarter of an acre to a depth of up to 3 feet below ground surface.

The pesticide mixing site is on a larger parcel owned by the non-profit Hawaii Community Development Corporation (HICDC) which is developing single family affordable housing units. Unfortunately, the pesticide mixing area located in a gully on one edge of the property was not discovered during HICDC's due diligence to purchase the property.

After gathering and addressing public input on a proposed remedy for the contaminated soils, the HEER Office approved a final cleanup action plan for the pesticide storage/mixing site located near Hawi town. The approved cleanup plan calls for excavation of all contaminated soils above relevant DOH environmental action levels and disposal in an approved landfill. Detailed work implementation specifics will also be required for HEER Office review and approval before this cleanup action is started.

This site received brownfield funding for the initial investigation and HICDC has applied for a loan from the Hawaii Brownfield Revolving Loan Fund for the remediation action.

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Brownfield Success Stories: Hakalau/Pepe'ekeo Pesticide Storage and Mixing Site.

The former Hakalau pesticide mixing area is located on a high bluff on the coast at Hakalau, Hawaii (about 15 miles north of Hilo). The former pesticide storage and mixing area supported the Hakalau and Pepe'ekeo Sugar Company cane production activities. The area around the former pesticide storage/mixing site is contaminated with high levels of arsenic, some as deep as 6.5 feet below the ground surface. The contaminated area is part of a larger 8.7 acre property that is being proposed for future single family home residential development.

The HEER Office conducted a public review process for proposed cleanup actions, and has approved a final cleanup action plan for the former pesticide storage/mixing site. The initial cleanup plan proposed called for excavation and removal of all highly contaminated soil to an approved landfill and excavation and burial of all moderately contaminated soil under a proposed paved parking area on the mauka boundary of the site. After further input from the County and additional geologist review of potential cliff stability issues from any proposed excavations near the bluff, the final approved plan was revised to require consolidation and capping of contaminated soils on site. The contaminated soil will be covered with a geotextile barrier and at least 2-3 feet of clean soils and vegetated. No residential development will be allowed in the soil cap area, and institutional controls will be required for the property to prohibit digging or other intrusive activities on the soil cap area. Detailed work implementation specifics will also be required for HEER Office review and approval before this cleanup action is started.

Site Discovery Assessment and Remediation Program Highlights

Encouraging Economic Redevelopment of Brownfields

The HEER Office facilitates safe, efficient, and timely redevelopment of urban and industrial brownfields properties and conversions of former agricultural lands to residential uses. Assisting owners and potential developers with identification, remediation and safe re-use of contaminated properties is a key element of our Brownfields Program.

Hawaii Brownfields Forum

On October 18, 2013, HEER in collaboration with U.S. EPA Region 9, and the Center for Creative Land Recycling (CCLR) hosted Hawaii's 6th Brownfields Forum, entitled "Supporting Growth, Development and a Sustainable

Hawaii." The Forum was created to encourage developers, landowners, and investors to redevelop brownfields properties by:

- Facilitating interaction and partnerships among diverse stakeholders
- Promoting greater use of programs designed to facilitate redevelopment
- Explaining regulatory requirements and the use of site assessment/cleanup tools
- Informing stakeholders of grants and other financial incentives
- Identifying obstacles and incentives to help further facilitate redevelopment

Over 140 attendees participated in the Forum, including brownfields property owners, public development agencies, private developers, public interest groups, bankers, environmental consultants, and more. Given the development boom underway in Hawaii, there was also considerable interest from mainland developers, who had not previously interacted with the HEER Office, and were not familiar with our regulatory programs or the unique challenges of redeveloping contaminated properties in Hawaii.



The agenda included a wide range of accomplished speakers topped off with a keynote address by the Honorable Kirk Caldwell, Mayor of City and County of Honolulu. In the spirit of developing partnerships, a great deal of time was devoted to facilitating discussions among speakers and the broad range of stakeholders in attendance. A number of development inquiries and sites have come into the HEER Office from first time attendees to the Forum, suggesting this outreach approach is very effective.

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Cleaning up in the Tropics

Because conditions in Hawaii are so unique, pertinent cleanup guidance that reflects local realities and the best available science is essential to ensure that risks are identified and managed appropriately and efficiently in our island home. Hawaii leads the way with state-of-the-art investigation techniques to accurately assess contamination and reduce sampling costs.

Policy and Guidance Development

Because HRS 128D requires private parties to investigate and clean up contamination under State oversight, having clear, understandable guidance on rapid, protective and cost effective investigation and cleanup techniques is crucial. ERRF funded staff positions and expert consulting prepare state-of-the-art technical guidance for the investigation and cleanup of contaminated properties. The complete Technical Guidance Manual is found at:

<http://www.hawaiidoh.org/tgm.aspx>

In 2014, focus areas included development of new guidance for ecological risk, evaluating representativeness of discrete vs. multi-increment sampling methodologies and studying environmental risks resulting from elevated arsenic concentrations in sediment at Waiakea Pond on the Big Island.

Partnering in EPA Brownfields Grants and the Brownfields Cleanup Revolving Loan Fund (BCRLF) Opportunities

Federal grant and loan opportunities can set the stage for successful redevelopment of distressed properties otherwise underutilized due to the uncertainties about the impacts of known or perceived historic contamination. HEER works closely with US EPA and the Office of Planning at DBEDT to promote federal grant and loan funding opportunities and provide technical support to potential applicants. Information and links to Brownfields grants and funding opportunities is located at <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/brownfields-redevelopment-program>.

Opportunities include individual assessment and cleanup grants of up to \$200,000, grants to cities and counties for Brownfield assessments and cleanup loans through DBEDT's Revolving Loan funds of up to \$1.6 million.

This year, the HEER Office was granted a Targeted Brownfields Grant on behalf of the Department of Accounting and General Services to conduct the Environmental Assessment for 333/355 North King Street, slated for redevelopment at the Liliha Civic

Center. The site will house two towers for a variety of state offices including the Department of Education and the Department of Health.

The HEER Office provided technical assistance to City and County Transit Oriented Development to assist them with their successful application for a \$400,000 Brownfields Assessment grant to evaluate multiple potentially contaminated sites surrounding proposed rail transit stations. These properties are prime opportunities for transit oriented development.

In 2014, as a follow up to the \$400,000 Area wide Assessment Grant awarded to the Office of Hawaiian Affairs (OHA) in FY2013, HEER provided detailed technical assistance to OHA in developing the Sampling and Analysis Plan for EPA approval. This study will allow OHA to address known contamination on the Kakaako parcel given to the agency as part of the 2013 state settlement on ceded lands.

Brownfield Revolving Loan Fund

DBEDT received full repayment from the Department of Hawaiian Homelands (DHHL) of the \$1.6 million loan to clean up the East Kapolei residential development for native Hawaiians. DHHL has successfully completed full remediation of a highly contaminated former pesticide mixing and loading area that had been identified in the midst of their planned community.

With funds back in the RLF, DBEDT and DOH identified candidate agency applicants as potential loan recipients. A loan application for a nonprofit low income housing developer is expected in late 2014. The project appears to meet RLF requirements and has a DOH approved cleanup plan.

Supporting Redevelopment and Construction using Environmental Hazard Management Plans

Given the economic recovery in Hawaii, development activities on brownfields sites continues to increase, with new cranes visible across Honolulu's skyline and active commercial and residential development across the island chain. In addition to receiving new sites into the state inventory, HEER works closely with property owners and developers to ensure construction activities that could disturb residual contamination on site are properly managed.

A useful tool has been the development of construction environmental hazard management plans (EHMPs) for proactively identifying and handling contaminated media that may be encountered during construction.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

Development of approved construction EHMPs for development sites has allowed remediation to occur concurrently with construction by ensuring early identification and safe management of contaminated materials encountered. Pre-planning for properly handling on-site and proper disposal of contaminated materials as part of the remedial process is essential to prevent costly delays and overruns.

Intensive redevelopment in Kakaako and surrounding Ala Moana Shopping Center

Since the mid-1900s, land use in Kakaako has been classified as mixed light-industrial. Due to the importing of fill material and historic industrial uses such as service stations, auto-repair and dry cleaning, pockets of contamination in soil, groundwater and soil vapor may be present throughout the area. The most common impacts are from petroleum, heavy metals and solvents. With many properties being redeveloped, contamination caused by these historic operations is being uncovered and needs to be evaluated to protect future users of the property.

In the past year, HEER Office has been working closely with responsible parties that include developers and property owners in the Kakaako area to properly investigate, remediate and manage the contamination at several redevelopment sites.

Completing this work prior to redeveloping the site has allowed for construction to move forward without major delays.



Contaminant Awareness Training

In 2014, the HEER Office delivered multiple Contaminant Awareness Training sessions to alert utilities and construction workers about contamination hazards they may encounter at job sites. Utilizing posters, handouts,

props, and laminated cards, the training educates non-environmental professionals on how to identify potentially hazardous conditions ahead of time and how to report releases when contamination is encountered unexpectedly in the field. Participants often request copies of the posters and the presentation. The HEER Office has been giving this training on request since 2012. In FY2014, the HEER Office presented to five audiences on Oahu and five on the Big Island.



Community Involvement and Public Participation

Contaminated properties occur throughout our communities on all our islands. While many of these sites are in industrial areas where the likelihood of harmful exposures to the community or the natural environment is low, many sites with less visible contamination occur in areas where people live, work, and play. Identifying potential hazards in our communities and keeping the public informed about decisions and safe management of contaminated properties is a key priority for the HEER Office.

Interagency Program Support

ERRF funded remedial project managers work directly with State and County agencies to identify contaminated properties they own or control, and then to provide advice and oversight for needed investigations, risk management activities and redevelopment planning efforts.

Expert Consulting

Using ERRF funding, the HEER Office makes strategic use of expert consultants under our Non-Emergency Services contract to assist with complex technical decision making on high priority sites, VRP sites, and properties with

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

commingled contamination with multiple responsible parties. Consultant costs are cost recoverable for work under VRP, Fast Track, Voluntary Agreements, or Orders. On other projects, where investigations lead to identification of responsible parties, costs expended from the ERRF may also be cost recovered.

In 2014, HEER used contract expertise to expand our tropical ecological risk assessment guidance, to test X-Ray Fluorescence (XRF) field methods for rapid detection of elevated arsenic concentrations in soil and to conduct Contaminant Awareness Training programs statewide.

Animal Studies to Better Understand Arsenic Risks from Hawaiian Soils

The HEER Office continued efforts started in 2013 to determine what proportion of arsenic found in certain contaminated Hawaiian soils may cause toxic effects in the body if it were to be inadvertently ingested. Because elevated levels of arsenic have been documented in soils of former sugarcane plantation lands in the Hilo-Keaau

area of Hawaii Island as well as former sugar plantation pesticide storage and mixing areas on a number of islands over the last five to seven years, conducting controlled animal exposure assays (called “bioavailability” testing) is critical to help evaluate potential human health risks for Hawaii soil types and arsenic contamination levels. Arsenic bioavailability testing in pigs has now been completed in Australia by Dr. Albert Juhasz for a total of nine arsenic-contaminated Hawaiian soils. The average arsenic bioavailability percentage found for all soils was low (ranging from just 7% to 18%), confirming that for a variety of Hawaiian arsenic-contaminated soils the large majority of soil arsenic (approximately 80-90%) is tightly bound to the soil and would be essentially non-toxic, even if the contaminated soil is inadvertently ingested. This test data provides definitive support for the use of arsenic bioavailability considerations when conducting risk assessments and remediation evaluations for arsenic-contaminated soil sites in Hawaii.

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Environmental Management Division (EMD) Information Technology

The ERRF funds the Environmental Health Administration (EHA) Environmental Management Division (EMD) Network Administrator position responsible for support and maintenance of the Local Area Network/Wide Area Network (LAN/WAN) connections for the division. Responsibilities of this position include providing reliable daily backup, ensuring users have access to their data

files, email, internet connectivity, and improving and upgrading network servers and connections.

During FY2014, the network administrator provided support to various IT projects including the EHA Mobile Field Inspection, iHEER, RCRA info, and the Groundwater Contamination Viewer.

Safe Drinking Water Branch (SDWB) Protection of Drinking Water

During FY2014, SDWB focused five(5) ERRF funded personnel and operational funding on the protection of existing and potential underground sources of drinking water to protect public health and drinking water quality.

Protection of Existing and Potential Underground Sources of Drinking Water (Hawaii Underground Injection Control Program)

The Underground Injection Control (UIC) Program administers an environmental regulatory permit on facilities that use injection wells for the subsurface disposal of waste fluids. In doing so, SDWB protects and ensures existing and potential underground sources of drinking water by 1) prohibiting certain types of wastewater from injection, 2) requiring facilities to have proper distance separation from drinking water wells, and 3) allowing waste fluids that either meet specified discharge standards or are considered benign to be injected in certain areas.

Injection wells serve to provide an alternative for disposal of liquid wastes where there is no access to an ocean outfall. In addition to regulating the construction and operation of injection wells, the UIC program controls the proper closure of injection wells to prevent the unwanted injection wells from becoming potential subsurface conduits that could later cause or spread groundwater contamination.

Assistance to Owners and Users of Rainwater Catchments Systems

During FY2014, the SDWB continued to respond to a wide variety of inquiries by individuals using rainwater catchments systems. Many individuals had questions concerning the maintenance of their systems. Others called to report results of testing that they had done to determine whether or not additional remedial actions were required, or to determine what range of actions were available.

The SDWB worked with Congresswoman Tulsi Gabbard's office to develop an updated webpage (at <http://health.hawaii.gov/sdwb/raincatchment/>) for veterans to use when applying for a Veterans' Administration Home Loan. The webpage provides information on how to make a home rainwater catchment system safe for domestic use.

Tracking of Volcanic Emission Impact on Rainwater and Rainwater Catchment Systems

The activity at the Halema'uma'u crater has continued to cause increased concerns over the impacts of volcanic gases and ash on rainwater catchment systems located downwind. In order to evaluate the possible impacts, SDWB has been monitoring the raw, rainwater catchment supplies utilized by public water systems on the island of Hawaii for specific inorganic contaminants. So far, the results appear to be consistent with the unofficial ash analyses performed by the United States Geological Survey, with low levels of cadmium and aluminum detected in the rainwater.

The SDWB designed and implemented a program to collect semi-annual samples of rainwater at three (3) locations on the Big Island to further our knowledge about the impact of volcanic emissions on rainwater. Samples of rain were caught in specially designed "rainfall jars" in order to measure the quality of the rainwater for specific inorganic contaminants, as it would be received by rainwater catchment systems.

Rainfall jar samples based on the severity of the VOG impact during normal wind conditions were collected at three (3) fire stations; Hawaiian Oceanview Estates (HOVE), Kilauea Military Camp (KMC), and Laupahoehoe. Aluminum and cadmium have been detected consistently in samples collected from HOVE and KMC. These results are very similar to the findings of the study of volcanic emissions impact on public water systems.

Clean Water Branch (CWB) Water Source Protections

ERRF funding was appropriated for two CWB staff positions and for operations. The EHS-IV position insured monitoring data submitted by CWB permitted facilities met acceptable standards for sampling, transportation, and reporting as required by DOH policies and under EPA rules. The ITS IV staff person performed tasks to integrate various federally required data systems, and

provide technical support to the CWB staff in the areas of data recording and reporting. A public access web based Water Pollution Control permit application system was developed and implemented with approval and compliance tracking attributes using FY2014 operational funds.

Solid and Hazardous Waste Branch (SHWB) Waste Management Protection

ERRF funding was appropriated for ten SHWB staff positions and for operational costs. In FY2014 two positions were vacant (EHS III and Engr IV). During FY2014, eight SHWB staff focused on:

- Used oil management and recycling.
- Municipal solid waste and special waste management, including beneficial use.
- Management of Leaking Underground Storage Tank (LUST) sites.
- Inspection of Underground Storage Tank (UST) facilities.
- Oversight of the County's Oil Recycling Program.

Hazardous Waste

The SHWB provides oversight of contaminated facilities undergoing remediation and ongoing ground water monitoring (Chevron Refinery, Hawaii Independent Energy Refinery, Hawaiian Western Steel, Honolulu Wood Treating, and Chemwood).

The Environmental Health Specialist (EHS) IV Hazardous Waste Permit writer is responsible for permitting hazardous waste treatment, storage, and disposal facilities, used oil transporters and processors, and provides oversight of contaminated facilities undergoing remediation.

Joint Base Pearl Harbor houses two (2) Resource Conservation and Recovery Act (RCRA) permitted storage facilities. The Pearl Harbor Naval Shipyard was issued a permit in 2011 to store hazardous waste mixed with low-level radioactive waste. The other facility is the Defense Reutilization and Marketing Office/Navy Conforming Storage Facility that is permitted for long-term storage of hazardous waste prior to disposal on the mainland. This facility submitted a permit renewal application.

In the past year, there was an emergency permit issued to the U.S. Navy for detonation and destruction of unexploded ordnance at the Waipio Peninsula.

The Department receives approximately 6-7 new applications annually for used oil transporters and processors. Renewal of expiring used-oil permits is ongoing. Non-permitted used oil handlers are usually identified through complaints and during hazardous waste inspections.

Special Waste and Solid Waste Management

The Special Waste permitting engineer is responsible for permitting and monitoring activities over a wide range of special waste management facilities, including beneficial use.

SHWB staff is responsible for permitting and monitoring activities over a wide range of special waste and solid waste management facilities including municipal solid waste, construction/demolition and special waste landfills, waste to energy plants, transfer stations, recycling and salvage facilities, petroleum contaminated soil (PCS) remediation facilities, composting operations and special waste treatment facilities. The two permitting engineers funded by the ERRF are two of five engineers that oversee about 300 permitted solid waste management facilities, and provide technical support to other potential waste management businesses.

Management of Leaking Underground Storage Tank (LUST) Sites

The Environmental Health Specialist (EHS) III has an active caseload of 30 Leaking Underground Storage Tank (LUST) sites at this time and provides project oversight to all remedial efforts of his cases. The EHS IV works on additional active LUST sites and provides team unit leadership for three other EHS III staff. The SHWB total number of active LUST sites is 145.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

Oversight of County's Oil Recycling Program

The public is very much aware of the environmental issues and the department continues to receive and respond to used oil complaints and illegal dumping on all islands. SHWB has given used oil grant funding to Hawaii, Maui, and Kauai Counties to manage used oil collection and recycling programs from Do-It-Yourselfers or householders. The Hazardous Waste Section has received and responded to approximately 40 used oil related complaints this fiscal year.

Inspection of Underground Storage Tank Facilities

SHWB staff conducted 204 operational inspections at UST facilities and issue field citations as necessary. These inspections include review of release detection records, documents demonstrating evidence of financial responsibility, and spill and overfill prevention equipment and corrosion protection standards.

The goal of these inspections is to prevent releases of petroleum and hazardous substances from UST systems and to minimize the volume of release if one does occur.

Assistance is provided to consultants and contractors who request and review UST facilities files. Timely review of facility files assists the banking, real estate, and petroleum industry to complete transactions involving the sale or return of properties affected by petroleum releases.

RCRA Brownfield Sites

Chemwood, located at Campbell Industrial Park filed for bankruptcy in the early 1990's. Use of copper, chrome, and arsenic (CCA) and pentachlorophenol resulted in soil and groundwater contamination. The site was recently purchased by Weston Solutions.

Under a Consent Order with EPA, Weston agreed to clean up the property. The EPA and DOH are actively involved in overseeing the remediation of this site.

Honolulu Wood Treatment Company, an active wood treatment facility recently closed their drip pad pursuant to RCRA Hazardous Waste regulations. They are now completing steps in accordance with the State's Voluntary Response Program.

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128D RESPONSE PROGRAM SITE LISTS 2014

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Sites Eligible for Possible Listing Under CERCLA

Three Hawaii sites are listed on the EPA National Priority List (NPL). Costs for site investigation and cleanup are being borne by the responsible parties. The state is not obligated to contribute to cleanup or future operation and maintenance costs. Through the EPA Preliminary Assessment/Site Inspection (PA/SI) Program, nine additional sites have been identified for possible listing under CERCLA.

<u>List of EPA NPL Sites - FY2014</u>			
	<u>Island</u>	<u>Locality</u>	<u>Facility/Site Name</u>
1	Oahu	Kunia	Del Monte Corp (Oahu Plantation)
2	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NCTAMSPAC Center Street
3	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Complex

The following list of nine sites evaluated in Hawaii under the EPA PA/SI Program meet certain criteria for initial consideration for listing on the NPL. After careful review of site-specific data, and close coordination between the state and EPA, oversight for site cleanup of these properties has been transferred from the EPA to the HEER Office Hawaii State Response Program. These sites are no longer being considered for NPL listing. Clean up activities at the Brewer facility have been completed and referred to EPA for removal from eligibility.

<u>List of Sites Eligible for Possible Listing Under EPA CERCLA - FY2014</u>			
	<u>Island</u>	<u>Locality</u>	<u>Facility/Site Name</u>
1	Oahu	Waialua	Waialua Sugar Company Inc and Waialua Sugar Mill Settling Ponds
2	Kauai	Kekaha	Kekaha Sugar Mill
3	Oahu	Kailua	Kapaa Landfill - Kapaa Quarry Road
4	Oahu	Honolulu	Kapalama Incinerator and Kapalama Incinerator Off Site Contamination
5	Molokai	West Molokai	Kalamaula Landfill
6	Hawaii	Hilo	Hawaii Cane Products Plant - Waiakea Pond
7	Oahu	Kailua	Honolulu Skeet Club
8	Kauai	Puhi	Brewer Environmental Industries-Kaumualii Highway
9	Oahu	Honolulu	Pukoloa Wood Treating Site

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The Hawaii State Response Program (HSRP) Chemical Release Notification Log

The Hawaii State Response Program Release Notification Log shows a listing of all chemical and petroleum release notifications received by the HEER Office emergency response team during the fiscal year. The Release Notification Log is sorted in order of Island, Locality, and the Case Name.

The FY2014 Release Notification Log lists 376 hazardous substance and petroleum release notifications managed by the HEER Office State On-Scene Coordinators (SOSCs). 248 cases were directly related to the release of petroleum related substances.

HEER Office SOSCs performed direct oversight on 12 cases requiring on-site visits or off-scene coordination. 36 cases were referred to other agencies.

HEER Office Emergency Response Actions - FY2014

<u>Release Notifications*</u>	<u>Oil Related Responses</u>	<u>Other</u>	<u>Direct On-site or Off-site SOSC Oversight</u>	<u>Cases Referred</u>
376	248	128	On-site: 5 Off-site: 7	To HEER SDAR: 12 To Other Agencies: 36

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HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2014

Hawaii State Response Program Chemical Release Notification Log FY2014						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
1	Hawaii	Halaula	HELCO transformer Lighthouse Road	20130724-2000	Transformer Oil	Soil
2	Hawaii	Hilo	115 Kekuanaoa Place	20140429-1545	Gasoline	Asphalt
3	Hawaii	Hilo	1698 Kilauea	20140602-1924	Gasoline	Storm Drain
4	Hawaii	Hilo	BEI Hilo Warehouse sulfuric acid spill	20140425-1006	Sulfuric Acid	Storm Drain
5	Hawaii	Hilo	Grounded Vessels in Reed's Bay	20140123-1130	Diesel Fuel	Ocean
6	Hawaii	Hilo	HELCO pad-mounted transformer #22207 release	20140331-1346	Transformer Oil	Soil
7	Hawaii	Hilo	Hilo Chevron Port area	20131001-1700	Oil	Soil
8	Hawaii	Hilo	Kamehameha Avenue re-construction oil discovery	20140430-1627	Petroleum	Groundwater
9	Hawaii	Holualoa	HELCO Transformer Pad VLT6	20131016-1337	Transformer Oil	Soil
10	Hawaii	Kailua	HELCO pad-mounted #9955 transformer release	20130925-1328	Transformer Oil	Soil
11	Hawaii	Kailua-Kona	HELCO pad-mounted transformer #33798 release	20131220-1016	Transformer Oil	Soil
12	Hawaii	Kailua-Kona	HELCO transformer pad-mounted #28513 release	20140610-1331	Transformer Oil	Soil
13	Hawaii	Kailua-Kona	HELCO Transformer T3016	20131016-1338	Transformer Oil	Soil
14	Hawaii	Kailua-Kona	Honokohau Harbor Sheen 4-2-2014	20140402-1530	Oil	Ocean
15	Hawaii	Kailua-Kona	Contaminated Soil at Hualalai Resort	20130911-1606	Petroleum	Soil
16	Hawaii	Kamuela	HELCO pad-mounted transformer #14741 release	20140223-1347	Transformer Oil	Soil
17	Hawaii	Kamuela	HELCO pad-mounted transformer #26155 release	20140529-1130	Transformer Oil	Soil
18	Hawaii	Kapaa	Hawaiian Fruit Packers drums	20140305-1623	Unknown	Drum or Other Container
19	Hawaii	Kapaau	HELCO pad-mounted transformers #7964 #8123 release	20130829-1606	Transformer Oil	Soil
20	Hawaii	Kawaihae	C & F Trucking Diesel Spill	20131115-1542	Diesel Fuel	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2014

Hawaii State Response Program Chemical Release Notification Log FY2014						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
21	Hawaii	Keaau	HELCO DG UNIT diesel release	20140326-1444	Diesel Fuel	Soil
22	Hawaii	Keaau	HELCO pole-mounted transformer 25794 release	20131227-1322	Transformer Oil	Soil
23	Hawaii	Keaau	HELCO mobile generator diesel fuel release	20131101-1330	Diesel Fuel	Soil
24	Hawaii	Kohala	Unitek truck accident, Mile Marker 15	20140417-1611	Diesel Fuel, Solvent Waste	Asphalt
25	Hawaii	Kuamoo Bay	Hand Grenade found in Kuamoo Bay	20130823-1619	Explosives	Ocean
26	Hawaii	Mountain View	Potential Illegal Dumping of Harmful Chemicals	20131125-0800	Unknown	Air
27	Hawaii	Mountain View	Aloha Petroleum Spill in Mountain View	20131110-1800	Diesel Fuel	Concrete
28	Hawaii	Mountain View	Heavy Dust in Area Due to Recycled Concrete HELCO pad-mounted transformer #73325 release	20140410-0812	Silica Dioxide	Air
29	Hawaii	Pahala	Diesel Container Leaked on Big Island	20131114-1030	Diesel Fuel	Soil
30	Hawaii	Pahoa	Compressed Gas Cylinder Near Hilo	20131011-1300	Unknown	Other
31	Hawaii	Pahoa	HELCO pole-mounted transformer #38102 release	20131223-1455	Transformer Oil	Soil
32	Hawaii	Pepeekeo	HELCO pole-mounted transformer #25148 release	20140523-1352	Transformer Oil	Soil
33	Hawaii	Waikaloa	HELCO pad-mounted transformer #21633 release	20130718-1133	Transformer Oil	Soil
34	Kauai	Eleele	Port Allen Navy target boat NRC 1082660	20140513-1135	Gasoline/Water	Ocean
35	Kauai	Kapaa	Kauai Lydgate Beach Park abandoned cylinder	20130919-1145	Propane	Ocean
36	Kauai	Kapaa	Propane cylinder in water at Waikaea beach, Kapaa	20140221-0940	Propane	Ocean
37	Kauai	Kapaa	Wailua Beach Kauai unknown cylinder	20140225-0940	Propane	Drum or Other Container
38	Kauai	Kekaha	PMRF Mineral Oil spill	20130828-1057	Mineral Oil	Other
39	Kauai	Kekaha	Spill at Pacific Missile Range	20130912-1100	Oily Water Mixture	Asphalt

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2014

Hawaii State Response Program Chemical Release Notification Log FY2014						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
40	Kauai	Lihue	Discovery of contaminated soil	20140108-1510	Arsenic	Soil
41	Kauai	Lihue	Petroleum plastic container fronting Kalapaki Beach	20140312-1014	Petroleum	Drum or Other Container
42	Kauai	Lihue	Universal Delivery Truck diesel spill	20140603-1530	Diesel Fuel	Asphalt
43	Kauai	Nawiliwili Harbor	Possible Sheen in Na Wiliwili Harbor	20131006-1300	Oil	Ocean
44	Kauai	Nukolii Beach	Cylinder washed ashore Kauai	20140409-1040	cylinder	Ocean
45	Kauai	Waialua	Coconut Coast Kauai - Debris containing lantern oil	20130828-1215	Lantern Oil, Residual with water	Ocean
46	Kauai	Wailua	Two-valved unknown compressed gas cylinder	20140602-0750	Propane	Other
47	Lanai	Lanai City	55-gallon drum washed up on White Stone Beach Case No.: 20130915-1452	20130916-0800	Solvent, n.o.s.	Ocean
48	Lanai	Lanai City	55-gallon drum washed up on White Stone Beach Lanai	20130915-1452	Unknown	Ocean
49	Maui	Haiku	MECO pole-mounted transforme #16332 release	20140604-1347	Transformer Oil	Soil
50	Maui	Haiku	MECO pole-mounted transformer release	20130822-1124	Transformer Oil	Soil
51	Maui	Haliimaile	Haliimaile Investigation	20131129-0838	Unknown	Other
52	Maui	Hana	MECO pole-mounted #10124 transformer release	20131002-0318	Transformer Oil	Soil
53	Maui	Kahului	HC&S discovery of oil in trench of molasses pipeline repair	20131122-1157	Petroleum	Groundwater
54	Maui	Kahului	HC&S molasses leak	20131028-0800	Molasses	Ocean
55	Maui	Kahului	MECO pad-mounted #16427 transformer release	20140122-1259	Transformer Oil	Soil
56	Maui	Kahului	MECO pad-mounted transformer #12928 release	20131120-1348	Transformer Oil	Soil
57	Maui	Kahului	MECO transformer pad-mounted #3394 release	20131206-2149	Transformer Oil	Soil
58	Maui	Kahului	MECO vehicle hydraulic oil release	20140223-0908	Hydraulic Oil AW	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2014

Hawaii State Response Program Chemical Release Notification Log FY2014						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
59	Maui	Kahului	Molassess pipeline pressure test failure	20140411-1451	Water and Molasses	Ocean
60	Maui	Kahului	Unknown White Powder at Kahului Elementry	20130729-1520	Unknown	Within Facility
61	Maui	Kihei	MECO pad-mounted transformer # release	20140624-1451	Transformer Oil	Soil
62	Maui	Kihei	MECO pad-mounted transformer #16629 release	20140427-1332	Transformer Oil	Soil
63	Maui	Kihei	meco pad-mounted transformer #21513 release	20131101-1328	Transformer Oil	Soil
64	Maui	Kihei	MECO submersible transformer #12351 release	20140512-0721	Transformer Oil	Soil
65	Maui	Kihei	MECO transformer submersible #12351 release	20140530-1214	Transformer Oil	Soil
66	Maui	Kihei	MECO pad-mounted transformer #12510 release	20140516-1335	Transformer Oil	Soil
67	Maui	Kihei	MECO pad-mounted transformer #8107 release	20140515-1336	Transformer Oil	Soil
68	Maui	Kula	Abandoned Hydrogen Peroxide Barrel	20130827-1440	Hydrogen Peroxide	Drum or Other Container
69	Maui	Kula	MECO pad-mounted transformer #21025 release	20140218-1337	Transformer Oil	Soil
70	Maui	Lahaina	Lahaina plastic container marine debris	20130822-1500	Acid	Drum or Other Container
71	Maui	Lahaina	MECO	20130723-0929	Transformer Oil	Concrete
72	Maui	Lahaina	MECO Submersible transformer #12364	20140422-1250	Transformer Oil	Other
73	Maui	Lahaina	MECO submersible transformer #9242 release	20140604-1346	Transformer Oil	Soil
74	Maui	Lahaina	MECO subterranean transformer #14515 release	20130716-1326	Transformer Oil	Soil
75	Maui	Lahaina	MECO subterranean transformer #8937 release	20130716-1328	Transformer Oil	Concrete
76	Maui	Lahaina	MECO subterranean transformer #14506 release	20130716-1327	Transformer Oil	Concrete
77	Maui	Lahaina	MECO transformer cabinet seal #4853 release	20140331-1347	Transformer Oil	Concrete
78	Maui	Lahaina	Ukumehame Punctured Fuel tank	20131123-0905	Diesel Fuel	Asphalt

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2014

Hawaii State Response Program Chemical Release Notification Log FY2014						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
79	Maui	Lahaina	Napilihao Complex snail bait complaint	20140225-1459	Amvac Deadline mini pellets	Soil
80	Maui	Lahaina	Suspicious Activity at Port Lahaina	20130916-0655	Unknown	Within Facility
81	Maui	Maalaea	Maalaea Harbor sheen 2-15-2014	20140215-1421	Oil	Ocean
82	Maui	Paia	Compressed gas cylinder at Baldwin Beach Park	20131113-1306	Propane	Drum or Other Container
83	Maui	Puunene	11 five gallon buckets of oil illegally dumped	20131011-1410	Oil	Soil
84	Maui	Puunene	Hawaiian Commercial & Sugar Company Release	20130913-2000	Hydraulic Oil	Concrete
85	Maui	Puunene	HC&S Puunene fuel filling station	20140208-1216	Diesel Fuel	Asphalt
86	Maui	Puunene	Maui Paving Camp 6 facility cleanup	20130716-1350	Petroleum	Soil
87	Maui	Waihee	Abandoned drums off Kahekili Highway	20130724-1034	Oil	Drum or Other Container
88	Maui	Wailuku	Diesel Spill from a seed hauling on Maui	20130731-1445	Diesel Fuel	Concrete
89	Maui	Wailuku	MECO pad-mounted #16664 transformer release	20131002-0319	Transformer Oil	Concrete
90	Maui	Wailuku	MECO submersible transformer #11022 release	20140604-1600	Transformer Oil	Soil
91	Maui	Wailuku	HELCO pad-mounted transformer #16130 release	20131101-1329	Transformer Oil	Concrete
92	Molokai	Cape Halawa	Unknown Pollution at Cape Halawa	20140620-1302	Unknown	Ocean
93	Molokai	Kaunakakai	Gasoline Spill in Kaunakakai Harbor	20140415-0945	Gasoline	Ocean
94	Oahu	Aiea	HECO transformer pad-mounted #39630 release	20140306-1407	Transformer Oil	Soil
95	Oahu	Aiea	Kamehameha Hwy and Halawa drive HART Boring B-433L	20130909-1251	Olfactory evidence or PID reading >1 ppm	Soil
96	Oahu	Aiea	Tar-like Substance at the Animal Industry Division, Halawa	20140325-1244	Tar	Concrete
97	Oahu	Aiea	Yellow 77 Release	20140306-1548	Yellow 77	Soil
98	Oahu	Barbers Point	Sheen Spotted at Barbers Point	20131130-1415	Unknown	Ocean

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2014

Hawaii State Response Program Chemical Release Notification Log FY2014						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
99	Oahu	Ewa Beach	Ekemau'u Street Odor	20130705-0020	Unknown	Air
100	Oahu	Ewa Beach	HECO transformer pad-mounted #TSF 1 release	20131009-1123	Transformer Oil	Soil
101	Oahu	Hakuma Point	Gasoline Discharge from Capsized Vessel	20131004-0712	Gasoline	Ocean
102	Oahu	Haleiwa	Alleged Meth Lab in Haleiwa	20140331-1300	Unknown	Within Facility
103	Oahu	Haleiwa	Haleiwa Store Lots	20131121-1110	Gasoline	Soil
104	Oahu	Haleiwa	HECO pole-mounted transformer #68696 release	20140328-1409	Transformer Oil	Soil
105	Oahu	Haleiwa	HECO pole-mounted transformer #81591 release	20140618-1258	Transformer Oil	Soil
106	Oahu	Haleiwa	Transformer Spill Near Rainbow Bridge in Haleiwa	20131110-0009	Transformer Oil	Ocean
107	Oahu	Honolulu	1824 Kahai Street Abandoned Paint Cans	20130703-1116	Paint	Drum or Other Container
108	Oahu	Honolulu	2208 Liliha Street odor	20140218-1533	Unknown	Air
109	Oahu	Honolulu	24 Niniko Place Cylinders	20131219-1155	Acetylene Tank, Oxygen Tank	Within Facility
110	Oahu	Honolulu	Aipaako Street plastic 55-gallon drum	20131219-1156	Unknown	Drum or Other Container
111	Oahu	Honolulu	Air Service Hawaii - Korean Air	20131127-1115	Jet Fuel	Concrete
112	Oahu	Honolulu	Ala Moana canal fish kill	20140630-1350	Unknown	Stream
113	Oahu	Honolulu	Ala Wai - 08/17/2013	20130817-0029	Diesel Fuel	Ocean
114	Oahu	Honolulu	Ala Wai Marina Sheen at Slip 65	20131106-1615	Diesel Fuel	Ocean
115	Oahu	Honolulu	Ala Wai Response SBD742	20140514-0700	Oil	Stream
116	Oahu	Honolulu	Ala Wai Sheen 01-24-2014	20140124-1321	Oil	Ocean
117	Oahu	Honolulu	Ala Wai sheen 02-16-2014	20140216-1404	Oil	Ocean
118	Oahu	Honolulu	Aloha Petroleum Spill on Sand Island	20131025-0650	Diesel Fuel	Asphalt
119	Oahu	Honolulu	Anaesthetizing Perfume	20130724-1515	Unknown	Air
120	Oahu	Honolulu	Black Point Bulky Truck	20130829-0730	Oil	Storm Drain

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121	Oahu	Honolulu	Boat sinking in Ala Wai Harbor	20140414-2208	Lightnering	Ocean
122	Oahu	Honolulu	Bradley Pacific 09/20/2013	20130920-0804	Fuel	Asphalt
123	Oahu	Honolulu	BWS Chlorine release at Wells2 source station	20131105-1536	Chlorine	Air
124	Oahu	Honolulu	CC 133	20140109-1028	Petroleum	Soil
125	Oahu	Honolulu	Chem Spill on Moanalua Hwy On-ramp	20140330-1000	2-butoxyethanol	Concrete
126	Oahu	Honolulu	Cutter Morgenthau 08/20/2013	20130820-0800	Oily Water Mixture	Ocean
127	Oahu	Honolulu	Diesel release at Pier 1 on 8-5-2013	20130805-1328	Diesel Fuel	Concrete
128	Oahu	Honolulu	Diesel release into the Ala Wai Harbor	20140511-1648	Diesel Fuel	Ocean
129	Oahu	Honolulu	Diesel Spill at Young Brothers' Pier	20130821-0730	Diesel Fuel	Ocean
130	Oahu	Honolulu	Diesel Spill near USCG Base Honolulu	20130803-1115	Diesel Fuel	Ocean
131	Oahu	Honolulu	Discharge of fuel into Ala Wai Harbor	20140507-1907	Diesel Fuel	Ocean
132	Oahu	Honolulu	Discharge of oil into Keehi Small Boat Harbor	20130823-1620	Oil	Ocean
133	Oahu	Honolulu	Dolphin Carcass - Pier 30	20140215-1441	None	Ocean
134	Oahu	Honolulu	Drum floating off Honolulu Shore	20140327-1508	Unknown	Ocean
135	Oahu	Honolulu	F/V Deuces sinking	20130810-0457	Diesel fuel, Lube Oil	Ocean
136	Oahu	Honolulu	F/V Double D NRC 1065804	20131115-0733	Soap	Ocean
137	Oahu	Honolulu	F/V Sky Moon Paint	20140310-0815	Paint	Ocean
138	Oahu	Honolulu	Fishing Vessel Discharging Wash into Honolulu Harbor	20131114-1355	Oil	Ocean
139	Oahu	Honolulu	Fuel Spill at Ala Wai Harbor	20140617-1326	Fuel	Ocean
140	Oahu	Honolulu	Fuel spill at Gate 26 Hawaiian Airlines	20131106-1328	Jet Fuel	Asphalt
141	Oahu	Honolulu	Fuel Spill at Honolulu Airport Gate 30	20140510-1415	Jet Fuel	Concrete
142	Oahu	Honolulu	Grace Pacific truck hydraulic oil spill on H1	20131119-1417	Hydraulic Oil	Concrete
143	Oahu	Honolulu	Group of people entering a door bypassing security	20140421-0702	Unknown	Within Facility

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144	Oahu	Honolulu	H-3 Freeway - Fepsco Van cylinders	20130722-1816	Acetylene/Oxygen, Halon 1211	Concrete
145	Oahu	Honolulu	HART	20131211-0915	Olfactory evidence or PID reading >1 ppm	Soil
146	Oahu	Honolulu	HART -	20131121-1112	Petroleum Oil	Soil
147	Oahu	Honolulu	HART - DT1 Station	20140630-1121	Olfactory evidence or PID reading >1 ppm	Soil
148	Oahu	Honolulu	HART boring 302	20130711-1112	Petroleum	Soil
149	Oahu	Honolulu	HART boring 305	20130715-1038	petroleum odors	Soil
150	Oahu	Honolulu	HART boring 306	20130713-1000	petroleum odors	Soil
151	Oahu	Honolulu	HART boring 560L	20130719-1315	petroleum odors	Soil
152	Oahu	Honolulu	HART boring 616	20130719-1311	petroleum odors	Soil
153	Oahu	Honolulu	HART Boring CC 040	20140331-1011	Olfactory evidence or PID reading >1 ppm	Soil
154	Oahu	Honolulu	HART Boring CC 042	20140331-1013	Olfactory evidence or PID reading >1 ppm	Soil
155	Oahu	Honolulu	HART Boring CC 076	20140512-0815	Olfactory evidence or PID reading >1 ppm	Soil
156	Oahu	Honolulu	HART Boring CC040 - Geotechnical Boring B-674	20140331-1101	Olfactory evidence or PID reading >1 ppm	Soil
157	Oahu	Honolulu	HART boring CC103L	20140407-0835	VOC	Air
158	Oahu	Honolulu	HART C-95A	20140218-1439	Unknown	Soil
159	Oahu	Honolulu	HART CC 041	20140331-1012	Petroleum	Soil
160	Oahu	Honolulu	HART CC-101	20140225-0815	Oil	Soil
161	Oahu	Honolulu	HART CC103R	20140311-1300	Petroleum	Groundwater
162	Oahu	Honolulu	HART CC130	20140106-1515	petroleum odor	Soil
163	Oahu	Honolulu	HART CC131	20140106-1516	petroleum odor	Soil
164	Oahu	Honolulu	Hart Discovery by Nimitz Hwy	20140401-0922	Petroleum	Soil

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165	Oahu	Honolulu	HART Geotechnical Boring 630	20140218-1440	PID Reading	Soil
166	Oahu	Honolulu	HART Geotechnical Boring IW-2	20140312-0820	Unknown	Soil
167	Oahu	Honolulu	HART Kaaahi Street off of Dillingham	20131206-1421	Olfactory evidence or PID reading >1 ppm	Soil
168	Oahu	Honolulu	Hawaiian Airlines 12-3-2013	20131203-1310	Fuel	Asphalt
169	Oahu	Honolulu	Hawaiian Airlines Gate 26 Fuel Spill	20140608-1755	Jet Fuel A	Concrete
170	Oahu	Honolulu	Heavy Smell of Diesel at Ala Wai Harbor	20130912-2155	Diesel Fuel	Ocean
171	Oahu	Honolulu	HECO pad-mounted #28363 transformer release	20140129-1340	Transformer Oil	Soil
172	Oahu	Honolulu	HECO pad-mounted #49717 transformer release	20130924-1136	Transformer Oil	Soil
173	Oahu	Honolulu	HECO pad-mounted #58908 transformer release	20130725-1327	Transformer Oil	Concrete
174	Oahu	Honolulu	HECO pad-mounted transformer #29456 release	20140311-1348	Transformer Oil	Soil
175	Oahu	Honolulu	HECO pad-mounted transformer #45208 release	20131009-1124	transformer oil	Soil
176	Oahu	Honolulu	HECO pad-mounted transformer #47642 release	20130829-0722	Transformer Oil	Soil
177	Oahu	Honolulu	HECO pad-mounted transformer #51523 release	20140218-1336	Transformer Oil	Soil
178	Oahu	Honolulu	HECO pad-mounted transformer #58050 release	20140618-1255	Transformer Oil	Concrete
179	Oahu	Honolulu	HECO pad-mounted transformer #59321 release	20140107-1115	Transformer Oil	Soil
180	Oahu	Honolulu	HECO pad-mounted transformer #65400 release	20140618-1257	Transformer Oil	Soil
181	Oahu	Honolulu	HECO pad-mounted transformer #66132 release	20130719-1338	Transformer Oil	Concrete
182	Oahu	Honolulu	HECO pad-mounted transformer #67151 release	20140212-1438	Transformer Oil	Soil
183	Oahu	Honolulu	HECO pad-mounted transformer #69536 release	20140414-1432	Transformer Oil	Soil
184	Oahu	Honolulu	HECO pad-mounted transformer #70896 release	20140414-1433	Transformer Oil	Soil
185	Oahu	Honolulu	HECO pad-mounted transformer #70958 release	20130820-0206	Transformer Oil	Concrete
186	Oahu	Honolulu	HECO pad-mounted transformer #73325 release	20140328-1408	Transformer Oil	Soil
187	Oahu	Honolulu	HECO pad-mounted transformer #73947 release	20140220-1325	Transformer Oil	Soil
188	Oahu	Honolulu	HECO pad-mounted transformer #79075 release	20131030-1408	Transformer Oil	Soil

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189	Oahu	Honolulu	HECO pad-mounted transformer# 67083 release	20130701-1423	Transformer Oil	Soil
190	Oahu	Honolulu	HECO pad-mounter transformer #36448 release	20140618-1254	Transformer Oil	Soil
191	Oahu	Honolulu	HECO pole-mounted transformer #16622 release	20140220-1324	Transformer Oil	Soil
192	Oahu	Honolulu	HECO pole-mounted transformer #58764 release	20140212-1439	Transformer Oil	Soil
193	Oahu	Honolulu	HECO pole-mounted transformer #63961 release	20140207-1325	Transformer Oil	Soil
194	Oahu	Honolulu	HECO pole-mounted transformer #79359 release	20140606-1332	Transformer Oil	Soil
195	Oahu	Honolulu	HECO transformer pad-mounted #51945 release	20140618-1253	Transformer Oil	Concrete
196	Oahu	Honolulu	HECO transformer pad-mounted #67044 release	20140414-1434	Transformer Oil	Concrete
197	Oahu	Honolulu	HECO Transformer V8425	20131015-1440	Transformer Oil	Soil
198	Oahu	Honolulu	Honolulu Harbor sheen	20140215-1740	Oil	Ocean
199	Oahu	Honolulu	Horizon Line hydraulic oil spill	20140207-1140	Hydraulic Oil	asphalt
200	Oahu	Honolulu	Hydraulic Oil Spill at Pier One	20131217-1100	Hydraulic Oil	Asphalt
201	Oahu	Honolulu	Jet Fuel Spill at Gate 26 Honolulu Airport	20131130-1200	Jet Fuel JP-8	Concrete
202	Oahu	Honolulu	Jet Fuel Spill from Hawaiian Airlines plane	20131130-1300	Jet Fuel JP-8	Concrete
203	Oahu	Honolulu	Jetstar 12-3-2013	20131203-0824	Jet Fuel	Concrete
204	Oahu	Honolulu	Keehi Lagoon Boat on Fire	20131114-1745	Gasoline	Ocean
205	Oahu	Honolulu	Keehi Transfer Station Honolulu Disposal License 547TSY	20140405-0943	Radiation	Within Facility
206	Oahu	Honolulu	Keehi Transfer Station Truck CC7272	20140405-0720	Radiation	Within Facility
207	Oahu	Honolulu	Kirby Offshore Marine vessel Noholoa	20131104-1321	Hydraulic Oil	Ocean
208	Oahu	Honolulu	Koko Marina Gasoline 2-18-2014	20140218-1325	Gasoline	Ocean
209	Oahu	Honolulu	Lanakila Comprehensive Center	20140304-1100	Mercury	Air
210	Oahu	Honolulu	Lead Smelting in Neighborhood	20131028-1330	Lead	Storm Drain

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211	Oahu	Honolulu	Matson Barge Waialeale Hydraulic Spill	20131012-1055	Hydraulic	Ocean
212	Oahu	Honolulu	Matson container crane hydraulic oil line break	20140123-1422	Hydraulic Oil	Asphalt
213	Oahu	Honolulu	Matson Molasses Spill	20130909-0820	Molasses	Ocean
214	Oahu	Honolulu	Military Cargo Truck H1-Freeway Oil Release	20140206-1559	Hydraulic Fluid, Jet Fuel JP-8	Storm Drain
215	Oahu	Honolulu	Moanalua Stream foam	20140104-1255	Unknown	Stream
216	Oahu	Honolulu	NRC 1060659	20130919-0745	None	Air
217	Oahu	Honolulu	NRC 1067933 Castle & Cooke Aviation	20131208-2222	Jet Fuel	Within Facility
218	Oahu	Honolulu	NRC 1069896	20140101-1046	Oil	Ocean
219	Oahu	Honolulu	NRC 1069905	20140101-1617	Unknown	Ocean
220	Oahu	Honolulu	Pacific Biodiesel cooking oil 10-5-2013	20131005-1005	Edible/Vegetable Oil	Storm Drain
221	Oahu	Honolulu	Pacific Biodiesel cooking oil release	20131008-1005	Oil, Waste Cooking	Storm Drain
222	Oahu	Honolulu	Petroleum Contamination at Borring 556 for HART Project	20130808-1205	Petroleum	Soil
223	Oahu	Honolulu	Philippine Airlines Jet Fuel Spill 11-15-2013	20131115-0610	Jet Fuel	Storm Drain
224	Oahu	Honolulu	Possible car leaking into storm drain	20140502-0949	Motor Oil	Storm Drain
225	Oahu	Honolulu	Possible Soil Contamination at Leahi State Hospital	20140530-1200	Diesel Fuel	Soil
226	Oahu	Honolulu	Potential Sinking Vessel	20130822-1213	Gasoline	Ocean
227	Oahu	Honolulu	Pride of America	20140315-1144	Fuel Oil	Ocean
228	Oahu	Honolulu	Rainbow Sheen at Ala Wai Entrance	20140127-1012	Unknown	Ocean
229	Oahu	Honolulu	Rainbow Sheen at Ala Wai entrance channel	20140127-1445	Petroleum	Ocean
230	Oahu	Honolulu	Red Hill Tank No. 5 release	20140113-0748	Jet Fuel JP-8	Soil
231	Oahu	Honolulu	Resurfacing Reef Runway Diesel Spill	20130827-1615	Diesel Fuel	Soil
232	Oahu	Honolulu	Rolloffs Hawaii diesel AST	20140303-0325	Diesel Fuel	Storm Drain
233	Oahu	Honolulu	Royal Iolani	20130829-1150	Unknown	Within Facility

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234	Oahu	Honolulu	S/V Lyn Lyn	20140421-0833	Diesel Fuel	Ocean
235	Oahu	Honolulu	S/V Southern Cross HA4678F	20140125-1321	None	Ocean
236	Oahu	Honolulu	Security Breach at UH Marine Center	20140530-0858	Unknown	Within Facility
237	Oahu	Honolulu	Security Breach at UH Marine Center 5/26	20140528-0745	Unknown	Other
238	Oahu	Honolulu	Security Breach at UH Marine Center Again	20140602-0745	Unknown	Within Facility
239	Oahu	Honolulu	Security Breach with someone climbing a fence to the harbor	20140421-0703	Unknown	Other
240	Oahu	Honolulu	Sheen discovered at the Ala Wai Small Boat Harbor	20140421-0658	Oil	Ocean
241	Oahu	Honolulu	Sheen from boat at Koko Marina	20130823-1134	Oil	Ocean
242	Oahu	Honolulu	Sheen reported on the Ala Wai from Manoa Stream	20140529-1530	Hydraulic Oil	Stream
243	Oahu	Honolulu	Sheen Spotted at Pier 10	20131217-0830	Possible Runoff	Ocean
244	Oahu	Honolulu	Ship enter secure area without permission	20140421-0704	Unknown	Other
245	Oahu	Honolulu	Sinking Vessel at Sand Island	20131001-0719	Fuel	Ocean
246	Oahu	Honolulu	Sinking vessel near Ala Wai Boat Harbor	20130702-0044	Diesel Fuel	Ocean
247	Oahu	Honolulu	Small Sheen Seen in Honolulu Harbor	20130912-1210	Oil	Ocean
248	Oahu	Honolulu	Smoking Battery at Honolulu Airport	20140528-0746	Batteries	Other
249	Oahu	Honolulu	Spencer Street sorbent boom	20140305-1523	Oil	Asphalt
250	Oahu	Honolulu	Symphony Park petroleum odors in trenches	20130718-0900	Diesel Fuel, Gasoline	Soil
251	Oahu	Honolulu	Transformer Release on Lunalilo Street	20130704-2115	Transformer Oil	Soil
252	Oahu	Honolulu	Transformer Oil Release in Hawaii Kai	20131026-0615	Transformer Oil	Storm Drain
253	Oahu	Honolulu	Transmission Fluid Released from a boat	20130823-1135	Transmission Fluid	Ocean
254	Oahu	Honolulu	Truck with Tractor Trailer On Fire	20140421-1806	Oil	Air
255	Oahu	Honolulu	Unknown brown substance	20131016-1100	Unknown	Ocean
256	Oahu	Honolulu	Unknown Powder	20140603-1326	Unknown	Other

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257	Oahu	Honolulu	Unknown Sheen 06-06-2014	20140606-1800	Diesel Fuel	Ocean
258	Oahu	Honolulu	Unknown Sheen 11-27-2013	20131127-1318	Oil	Ocean
259	Oahu	Honolulu	Unknown Sheen at Ala Wai Harbor 111013	20131112-0756	Unknown	Ocean
260	Oahu	Honolulu	Unknown Sheen at Kewalo Basin 7/31	20130731-0515	Oil	Ocean
261	Oahu	Honolulu	Unknown Sheen at Kewalo Basin 8/1	20130801-0620	Oil	Ocean
262	Oahu	Honolulu	Unknown Sheen Brown Water in Honolulu Harbor	20131027-1825	Unknown	Ocean
263	Oahu	Honolulu	Unknown Sheen from unknown source by Pier 17	20131223-0739	Unknown	Ocean
264	Oahu	Honolulu	Unknown Sheen in Honolulu Harbor 10/25	20131025-0738	Engine Oil	Ocean
265	Oahu	Honolulu	Unknown sheen in Kewalo Basin 7/30	20130730-1023	Oil	Ocean
266	Oahu	Honolulu	Unknown Sheen Reported by Pier 11	20140106-0750	Oil	Ocean
267	Oahu	Honolulu	Vessel HA9793G taking in water	20130818-1000	Gasoline	Concrete
268	Oahu	Honolulu	Vessel Moonraker	20140214-1630	Oily Water Mixture	Ocean
269	Oahu	Honolulu	Wailupe Stream tractor leak	20130829-1512	transmission fluid	Stream
270	Oahu	Honolulu	Wastewater from USCGC Morgenthau	20140415-0646	Waste Water	Ocean
271	Oahu	Honolulu	Young Brothers hydraulic Pier 40	20140310-1609	Hydraulic	Soil
272	Oahu	Honolulu	Abandoned Acetylene tank	20131211-0900	Acetylene	Air
273	Oahu	Honolulu	Waikiki Fugitive Riot Gas Grenade	20130921-0321	2-Chlorobenzalmalononitrile	Other
274	Oahu	Iwilei	HART CC - 081	20140505-0925	Olfactory evidence or PID reading >1 ppm	Soil
275	Oahu	Iwilei	HART Iwilei 02-15-2013	20140215-1153	Olfactory evidence or PID reading >1 ppm	Soil
276	Oahu	Kahala	Waialae Kahala Tower B 903B	20140313-0917	Sewer gas	Air
277	Oahu	Kahaluu	47-181 Ahaolelo Paint-related material	20140403-1335	Paint Related Materials Naphtha 325 Thinner	Asphalt

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278	Oahu	Kahaluu	47-201 Kamehameha Highway dumping	20140505-1555	Unknown	Drum or Other Container
279	Oahu	Kahuku	HECO pad-mounted transformer #65145 release	20140618-1256	Transformer Oil	Concrete
280	Oahu	Kahuku	HECO pole-mounted transformer #54932 release	20140328-1410	Transformer Oil	Soil
281	Oahu	Kailua	Drums burning Ikaika Construction Concrete	20140118-0604	Epoxy part A, Epoxy part B	Air
282	Oahu	Kailua	Gas dripping on the ground from a station pump	20130822-0648	Gasoline	Concrete
283	Oahu	Kailua	HECO diesel fuel piping release	20131118-1404	Diesel Fuel	Soil
284	Oahu	Kailua	HECO pole-mounted transformer #84432 release	20140311-1349	Transformer Oil	Soil
285	Oahu	Kailua	HECO transformer pad-mounted #57348 release	20140306-1408	Transformer Oil	Soil
286	Oahu	Kailua	HECO transformer pad-mounted#63256 release	20131108-1335	Transformer Oil	Soil
287	Oahu	Kailua	Oil Patches reported in Kawainui Canal	20130823-1133	Oil	Stream
288	Oahu	Kailua	Waste water treatment plant Odor Control System Down	20130713-0415	Sewage Odor	Air
289	Oahu	Kailua	White substance reported in Enchanted Lake	20140619-1535	Unknown	Lake
290	Oahu	Kalihi	HART CC 40, 41, 42	20140405-1015	Olfactory evidence or PID reading >1 ppm	Soil
291	Oahu	Kaneohe	44-132 Kauinohea white powder	20140312-1136	4-DDD-21	Within Facility
292	Oahu	Kaneohe	Halliday Place concrete washing on street	20131113-0953	Concrete	Asphalt
293	Oahu	Kaneohe	HECO pole-mounted transformer #49870 release	20140328-1411	Transformer Oil	Soil
294	Oahu	Kaneohe	HECO transformer pad-mounted #48237 release	20140618-1252	Transformer Oil	Soil
295	Oahu	Kaneohe	Hokuloa Green Roofs	20140116-1530	algae	Within Facility
296	Oahu	Kaneohe	Kahaluu Elementary School Unknown Odor	20140403-1143	Unknown	Air
297	Oahu	Kaneohe	Kaneohe Bay Boat Fire	20130914-1735	Fuel	Ocean
298	Oahu	Kaneohe	MCBH Nuupia Pond JP8	20140131-1230	JP 8	Other

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299	Oahu	Kaneohe	Possible oil found in Kahana Stream	20140505-1215	Unknown	Stream
300	Oahu	Kaneohe	Sewage Spill near Sand Bar in Kaneohe	20140110-1600	Sewage	Ocean
301	Oahu	Kaneohe	Small Fuel Spill in Kaneohe Bay	20140617-1211	Diesel Fuel	Ocean
302	Oahu	Kapolei	91-170 Malakole St. abandoned drum	20130918-1631	Unknown	Drum or Other Container
303	Oahu	Kapolei	Aloun Farms Odor	20130708-1900	Unknown	Air
304	Oahu	Kapolei	BEI H2SO4 IMO release	20140314-0858	Sulfuric Acid	Ocean
305	Oahu	Kapolei	Chevron Refinery 8" line leaking diesel at Blending/Shipping	20130805-0859	diesel	Soil
306	Oahu	Kapolei	Chevron Refinery oily water spill	20140520-1352	Oily Water Mixture	Soil
307	Oahu	Kapolei	Chevron Refinery Tanks 105, 106, 107, 108 area	20140122-1452	oil	Within Facility
308	Oahu	Kapolei	Chevron Release of crude at refinery	20130824-1558	Crude Oil	Concrete
309	Oahu	Kapolei	Diesel Leak at Barbers Point	20131007-0736	Diesel Fuel	Ocean
310	Oahu	Kapolei	Former Tesoro SO2 release	20140126-2144	Sulfur Dioxide	Air
311	Oahu	Kapolei	Hawaii Independent Energy 1075068	20140225-0900	Sulfur Dioxide	Air
312	Oahu	Kapolei	HECO pad-mounted transformer #53030 release	20130717-1137	Transformer Oil	Soil
313	Oahu	Kapolei	HECO pad-mounted transformer #54496 release	20140414-1435	Transformer Oil	Concrete
314	Oahu	Kapolei	HECO pipeline/Chevron oil release	20140217-1015	Low sulfur fuel oil	Soil
315	Oahu	Kapolei	HIE LSFO release	20140430-1419	Low sulfur fuel oil	Soil
316	Oahu	Kapolei	Hydraulic Oil Spill in Makakilo Quarry	20140326-1015	Hydraulic Oil	Concrete
317	Oahu	Kapolei	Phoneacian forklift in deep draft harbor	20130717-1345	Diesel Fuel, Oil	Ocean
318	Oahu	Kapolei	Security Breach at Chevron Refinery	20140616-1359	Unknown	Within Facility
319	Oahu	Kapolei	SO2 Release from refinery flare	20140121-1525	Sulfur Dioxide	Air
320	Oahu	Kapolei	Spill of diesel fuel due to a leak in a generator	20140109-1135	Diesel Fuel	Concrete
321	Oahu	Kapolei	Sulfur Dioxide Release from HIE	20131023-1308	Sulfur Dioxide	Air

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2014

Hawaii State Response Program Chemical Release Notification Log FY2014						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
322	Oahu	Kapolei	Tesoro Refinery Release of Hydro Carbon	20130825-0612	Hydrocarbon	Air
323	Oahu	Kapolei	Sheen at Koolina Marina	20140108-1514	Motor Oil	Ocean
324	Oahu	Keaau	HECO mobile generator diesel fuel release	20131101-1330	diesel fuel	Soil
325	Oahu	Kewalo	Sunken Vessel - Kewalo	20130811-0457	Lightering	Ocean
326	Oahu	Kewalo	Unknown sheen reported in Kewalo Basin	20130913-1041	Unknown	Ocean
327	Oahu	Kualoa	Kualoa Ranch Shoreline Car in Water	20140301-0448	None	Ocean
328	Oahu	Laie	Kawela Bay overturned boat	20130817-0930	None	Ocean
329	Oahu	Makakilo	6 pounds of PCB	20131114-1756	PCB	Soil
330	Oahu	Makakilo	D Morgan's Cats	20140313-2318	None	Air
331	Oahu	Makakilo	Grace Pacific Makakilo Quarry generator line leak	20140113-1227	Diesel Fuel	Soil
332	Oahu	Mililani	HECO pad-mounted transformer #39202 release	20140627-1000	Transformer Oil	Soil
333	Oahu	Mililani	HECO pad-mounted transformer #46767 release	20140304-1335	Transformer Oil	Soil
334	Oahu	Mililani	HECO pad-mounted transformer #70511 release	20130705-1057	Transformer Oil	Soil
335	Oahu	Mililani	HECO transformer pad-mounted #57317 release	20140624-1452	Transformer Oil	Soil
336	Oahu	Mililani	Mililani Mauka Elementary School odor from roof spray	20131014-1422	volatile organic compounds	Air
337	Oahu	Nanakuli	Nanakuli propane leak	20130723-0005	Mercaptan	Air
338	Oahu	Palolo	1819 Mahana	20140314-0327	Sewage	Soil
339	Oahu	Pearl City	1534 Hoonipo Street odor complaint	20131210-1100	None	Air
340	Oahu	Pearl City	HART Banana Patch	20131210-1115	Paint	Within Facility
341	Oahu	Pearl City	HECO pad-mounted #45445 transformer release	20130705-1056	transformer oil	Soil
342	Oahu	Pearl City	HECO transformer pad-mounted #68751 release	20140306-1409	Transformer Oil	Soil
343	Oahu	Pearl City	HECO Waiiau generating plant excavation oil	20131223-1454	Heavy Oil	Soil
344	Oahu	Pearl City	HECO Waiiau Power Plant black oil discovery during trenching	20131121-1350	black goeey oil	Groundwater

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2014

Hawaii State Response Program Chemical Release Notification Log FY2014						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
345	Oahu	Pearl City	pesticide containers in bushes Pearl City Industrial Park	20140208-1225	Unknown	Soil
346	Oahu	Pearl City	Waiawa Road Diesel Fuel Release	20131230-1619	Diesel	Soil
347	Oahu	Pearl Harbor	Diesel Spill at Pearl Harbor 080213	20130802-1228	Diesel Fuel	Ocean
348	Oahu	Pearl Harbor	Ke Ala Kai	20140219-1208	Edible/Vegetable Oil	Ocean
349	Oahu	Pearl Harbor	Naval Shipyard NPDES permit exceedance	20140424-1930	Soapy corrosive chemical	Ocean
350	Oahu	Pearl Harbor	NRC 1068711 USS Louisville	20131216-1625	Oily Water Mixture	Ocean
351	Oahu	Pearl Harbor	Pearl Harbor Naval Shipyard diesel spill	20140203-0756	Diesel Fuel	Ocean
352	Oahu	Pearl Harbor	Release of diesel in Pearl Harbor due to overflow	20130930-1120	Diesel Fuel	Ocean
353	Oahu	Pearl Harbor	USNS Sumner	20140225-1448	Hydraulic Fluid	Ocean
354	Oahu	Pearl Harbor	USS Asheville 2-14-2014	20140214-1337	Hydraulic Oil	Ocean
355	Oahu	Pearl Harbor	USS O-Kane 03-0202014	20140302-1418	Oily Water Mixture	Ocean
356	Oahu	Salt Lake	Contaminated Soil Found at Radford High School Track	20140124-1435	Asbestos, Dioxins	Soil
357	Oahu	Wahiawa	HECO 1259 Whitmore Avenue	20140512-0930	Oil	Soil
358	Oahu	Wahiawa	HECO pole-mounted #(4) transformer releases	20140403-1442	Transformer Oil	Soil
359	Oahu	Wahiawa	HECO pole-mounted transformer #55394 release	20130829-1607	Transformer Oil	Soil
360	Oahu	Waiahole	Buckets of motor oil on road	20131216-0751	Motor Oil	Asphalt
361	Oahu	Waialua	Unexploded ordnance	20140518-1143	Unexploded Ordnance	Ocean
362	Oahu	Waianae	Board of Water Supply 2 Station Waianae Chlorine release	20130725-1326	Chlorine	Air
363	Oahu	Waianae	HECO transformer pad-mounted #71914 release	20140530-1212	Transformer Oil	Soil
364	Oahu	Waianae	SER Waianae soil sampling	20131101-1544	Salinity	Soil
365	Oahu	Wailua	Unknown Sheen at Mokuleia Beach	20131002-1219	Unknown	Ocean
366	Oahu	Waimanalo	Illegal Dumping in Waimanalo	20140502-1250	Unknown	Other

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2014

Hawaii State Response Program Chemical Release Notification Log FY2014						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
367	Oahu	Waimanalo	Waikupanaha Drums	20140501-1329	Unknown	Drum or Other Container
368	Oahu	Waimanalo	Waimanalo Fish Kill	20140123-0000	Unknown	Stream
369	Oahu	Waipahu	HART - former Cutter Dodge Mitsubishi	20131230-1220	Petroleum Odor	Soil
370	Oahu	Waipahu	HECO pad-mounted #46013 transformer release	20130911-1337	Transformer Oil	Concrete
371	Oahu	Waipahu	HECO pad-mounted transformer #56161 release	20140207-1330	Transformer Oil	Soil
372	Oahu	Waipahu	HECO pole-mounted transformer# 80720 release	20140311-1350	Transformer Oil	Soil
373	Oahu	Waipahu	Hydraulic Fluid Release at Honolulu Rail maintenance and storage site	20131025-1350	Hydraulic Fluid	Soil
374	Oahu	Waipahu	petroleum contamination discovery	20130711-1138	Petroleum	Soil
375	Oahu	Waipahu	Sharps in and around stream at Waipahu Depot Street	20130717-1425	sharps	Stream
376	Oahu	Waipahu	Waipahu and Ewa Convenience Centers	20140407-1000	Compressed Gasses	Within Facility

The Hawaii Response Program (HSRP) – List of Priority Sites

Chapter 128D, HRS, Environmental Response Law, Section 7, HRS mandates that a State List of Sites be published annually listing the sites with potential or known hazardous substances or pollutants or contaminants. Overall, in FY2014, HEER had oversight responsibilities for 757 active sites, and reached No Further Action determinations at 51 sites.

We present the list in two sections.

The Hawaii State Response Program List of Priority Sites presents all non-military Hawaii sites identified for potential or known non-emergency response actions under HRS 128D. Current ERRF funding supports only part of the HEER Office response obligation for these sites. 445 active sites under direct DOH oversight in the various State programs are listed and include 29 new sites that were added during the last fiscal year, due to intensive ongoing identification of new sites through HEER Office site discovery efforts and voluntary investigation actions by owners or developers of previously unidentified properties. 38 state sites with known or suspected contamination received No Further Action Determinations. Of those, 23 sites require ongoing management of residual contamination through Environmental Hazard Management Plans. Note that these sites are not included separately on the Priority Site list below.

The Hawaii State Response Program DSMOA Program List of Priority Sites presents military sites in Hawaii for which SDAR provides oversight. Hazardous substance response actions are managed by various DOD branches under CERCLA authorities, with regulatory oversight from SDAR. Cleanup sites within the Pearl Harbor Naval Complex are co-regulated by US EPA, due to the National Priorities List (“Superfund”) designation. The DOD sites include numerous high priority unexploded ordnance sites (UXO). Investigations and cleanups of military sites with petroleum-contaminated sites are conducted under 128D authorities, as petroleum is not covered under CERCLA. ERRF funds are not currently used for oversight of military cleanups in Hawaii. Staff positions providing oversight for this work are currently funded by federal DSMOA grants. The list includes 363 sites that are co-managed by DOH and DOD under CERCLA and HRS 128D authorities.

This year, 48 new sites were added, largely because existing sites were subdivided to close out areas that have been fully investigated and cleaned up. Because the Air Force and Navy work systematically to address high priority sites first, the majority of these sites remaining are medium and low priority. In 2014, clean up decisions were reached at 13 DSMOA sites. Four sites will require ongoing management of residual contamination through Environmental Hazard Management Plans. To date, 308 military sites have been fully investigated and closed.

The lists are sorted in the order of Island, Locality or Installation, and Site Name. The site Priority, Action, and Potential Hazard are identified for each Facility/Site. Sites are categorized as a potential hazard when sampling data indicate that contaminant concentrations exceed Hawaii Environmental Action Levels. Generally, these conservative action levels are set to be protective of long term, daily exposures. Hazards are managed by removal or destruction of the contaminants (No Hazard), use restrictions that limit access to the contamination, (Institutional Controls), or physical barriers that limit exposure to the contaminants (Engineering Controls).

HSRP STATE AND DSMOA LISTS OF PRIORITY SITES FY2014

FY2014 Response Program Activity

Response Program Activity Summary data presented in this section for the Hawaii State Response Program (SRP) includes all Hawaii sites identified for non-emergency response actions during FY2014 and sites requiring evaluation if an assessment or response action is required under HEER Office authority. The HEER Office manages sites within five program areas depending upon eligibility, funding, and level of responsible party participation as:

- State Sites
 - Hawaii Brownfields Revitalization Sites (Brownfields)
 - Hawaii Voluntary Response Program (VRP) Sites
 - Site Discovery and Preliminary Assessment/Site Inspection (PA/SI) Sites
 - DSMOA Department of Defense Sites

Over time, a site may be managed within the HEER Office under one or more program areas, starting with the site assessment phase and if required by the State, through to cleanup completion.

<u>Program Category</u>	<u>Program Action</u>	<u>Site Status</u>				
		<u>High Priority</u>	<u>Medium Priority</u>	<u>Low Priority</u>	<u>NFA Restricted</u>	<u>NFA Unrestricted</u>
State	Assessment	7	22	79	3	4
	Response	65	136	70	10	7
Brownfields	Assessment	-	3	8	-	-
	Response	2	3	2	-	-
VRP	Assessment	1	1	1	-	-
	Response	3	2	-	-	-
Site Discovery and PA/SI	Assessment	1	9	8	2	3
	Response	2	4	1	2	2
DSMOA	Assessment	14	86	192	1	6
	Response	12	23	22	5	1
Total		107	289	383	23	23

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
1	Hawaii	Hakalau	Hakalau Sugar Mill	Low	Assessment	Hazard Undetermined	Inactive	State
2	Hawaii	Hakalau	Mauna Kea Sugar - Hakalau Sugar Plantation	High	Response	Hazard Present	Ongoing	State
3	Hawaii	Hamakua	Agent Orange Application	Low	Response	Hazard Undetermined	Inactive	State
4	Hawaii	Hilo	Aloha Petroleum Hilo Bulk Plant	Medium	Response	Hazard Present	Ongoing	State
5	Hawaii	Hilo	Big Island Asphalt Co Inc	Medium	Response	Hazard Present	Ongoing	State
6	Hawaii	Hilo	Equilon Enterprises LLC - Hilo Terminal (Shell Oil Co)	Low	Response	Hazard Present	Ongoing	State
7	Hawaii	Hilo	Hatada Bakery (Former)	Low	Response	Hazard Managed With Institutional Controls	Inactive	State
8	Hawaii	Hilo	Hawaii Cane Products Plant - Waiakea Pond	High	Response	Hazard Present	Ongoing	State
9	Hawaii	Hilo	Hawaii County DWS - Former Steel Water Tank Kawaihani Street, Hilo	Medium	Assessment	Hazard Present	Ongoing	State
10	Hawaii	Hilo	Hawaii Pest Control	High	Response	Hazard Present	Ongoing	State
11	Hawaii	Hilo	HELCO Substation: Kuhio	Medium	Assessment	Hazard Present	Ongoing	State
12	Hawaii	Hilo	HIANG Hilo	NFA	Assessment	No Hazard	NFA	HIANG Site
13	Hawaii	Hilo	Highway 19, Mile Marker 28.5	Low	Assessment	Hazard Undetermined	Ongoing	State
14	Hawaii	Hilo	Hilo Medical Center	NFA	Assessment	No Hazard	NFA	State
15	Hawaii	Hilo	Hilo Memorial Hospital	Low	Response	Hazard Undetermined	Ongoing	State
16	Hawaii	Hilo	Hilo Quality Washerette	Low	Response	Hazard Managed With Institutional Controls	Ongoing	State
17	Hawaii	Hilo	Hilo Terminal 666 Kalaniana'ole Avenue	Medium	Response	Hazard Present	Ongoing	State
18	Hawaii	Hilo	Kanoiehua Industrial Warehouse	Low	Assessment	Hazard Undetermined	Inactive	Brownfields Site
19	Hawaii	Hilo	Kawaihani Central Office	Medium	Assessment	Hazard Undetermined	Ongoing	State

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
20	Hawaii	Hilo	Keaukaha Military Reservation Container Disposal	Low	Assessment	Hazard Undetermined	Ongoing	HIANG Site
21	Hawaii	Hilo	Keawe 76 Service Station No. 202	NFA	Response	No Hazard	NFA	State
22	Hawaii	Hilo	Larry's Waiakea Chevron	Low	Response	Hazard Undetermined	Ongoing	State
23	Hawaii	Hilo	Mauna Kea Sugar - Hilo Sugar Pesticide Mixing Area	High	Response	Hazard Present	Ongoing	Site Discovery
24	Hawaii	Hilo	Mauna Kea Sugar - Onomea Seed Dipping Area	Low	Assessment	Hazard Present	Ongoing	Site Discovery
25	Hawaii	Hilo	Wood Protection Company (HPM Building Supply)	Low	Assessment	Hazard Present	Ongoing	State
26	Hawaii	Honokaa	Hamakua Sugar Company Inc - Kawela Pesticide Mixing Area	Low	Response	Hazard Present	Ongoing	Site Discovery
27	Hawaii	Honokaa	Hamakua Sugar Company, Inc - Honokaa Haina Mill Pesticide Mixing Area	Low	Assessment	Hazard Undetermined	Ongoing	PA/SI
28	Hawaii	Honokaa	Honokaa Wastewater Treatment Plant	Low	Assessment	Hazard Present	Ongoing	State
29	Hawaii	Kailua-Kona	Hawaii Petroleum- Kona Branch (Kona Warehouse & Cardlock)	Low	Assessment	Hazard Undetermined	Ongoing	State
30	Hawaii	Kailua-Kona	Honokohau Industrial Park-Lower Boat Park Soil Contamination	Low	Response	Hazard Undetermined	Ongoing	State
31	Hawaii	Kailua-Kona	Kona Village Resort Diesel Spill	NFA	Response	No Hazard	NFA	State
32	Hawaii	Kamuela	HELCO Substation: Ouli Substation	Medium	Response	No Hazard	NFA	State
33	Hawaii	Kamuela	Kamuela Baseyard	Low	Assessment	Hazard Undetermined	Inactive	State
34	Hawaii	Kamuela	Waimea Quarry	Low	Assessment	Hazard Undetermined	Ongoing	State
35	Hawaii	Kawaihae	Akana Petroleum, Inc-Kawaihae Harbor	Medium	Assessment	Hazard Undetermined	Ongoing	State
36	Hawaii	Keaau	Kamehameha Schools Keaau Campus	Low	Assessment	Hazard Undetermined	Ongoing	State
37	Hawaii	Keaau	Keaau Hotel Site	High	Response	Hazard Managed With Engineering Controls	Ongoing	State

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
38	Hawaii	Keaau	Keaau Middle School	High	Assessment	Hazard Managed With Institutional Controls	Inactive	State
39	Hawaii	Keaau	Keaau Pahoia Road 118 Acre Parcel	High	Response	Hazard Present	Inactive	State
40	Hawaii	Keaau	Keaau Triangle Lot	High	Response	Hazard Present	Inactive	State
41	Hawaii	Keaau	Puna Sugar Mill	Medium	Assessment	Hazard Undetermined	Ongoing	PA/SI
42	Hawaii	Keaau	Toyama Ulu Pono Street Parcels 4 and 5 Keaau Hawaii	NFA	Assessment	No Hazard	NFA	State
43	Hawaii	Kealakekua	Kealakekua Heritage Ranch	Low	Response	Hazard Present	Ongoing	State
44	Hawaii	Keauhou	Keauhou Mechanics Yard	Low	Assessment	Hazard Undetermined	Inactive	State
45	Hawaii	Kohala	Kohala Sugar Company	High	Assessment	Hazard Present	Ongoing	State
46	Hawaii	Laupahoehoe	Hamakua Sugar Company, Inc - Papaaloa Pesticide Mixing Area	Low	Assessment	Hazard Present	Ongoing	Site Discovery
47	Hawaii	Naalehu	Hawaii Petroleum Distributors, Inc 200 Gallon Fuel Spill	Low	Assessment	Hazard Present	Inactive	State
48	Hawaii	Naalehu	Kalaiki Industrial Lots B-D		Assessment	Hazard Undetermined	Ongoing	Fast Track
49	Hawaii	North Kohala	Kohala Sugar Company Transformers	NFA	Assessment	No Hazard	Ongoing	State
50	Hawaii	Ookala	Hamakua Sugar Company, Inc - Ookala Fuel Station	Low	Assessment	Hazard Present	Ongoing	State
51	Hawaii	Ookala	Ookala Gym and Ball Park	Low	Assessment	Hazard Present	Inactive	Brownfields
52	Hawaii	Paauhau	Hamakua Sugar Company, Inc - Paauhau Sugar Mill	Medium	Response	Hazard Present	Ongoing	Site Discovery
53	Hawaii	Paauilo	Hamakua Sugar Company, Inc - Asbestos Disposal Site	Low	Assessment	Hazard Present	Ongoing	State
54	Hawaii	Paauilo	Hamakua Sugar Company, Inc - Paauilo Seed Dipping Plant	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
55	Hawaii	Paauilo	Hamakua Sugar Company, Inc - Paauilo Sugar Mill Pesticide Mixing Area	High	Assessment	Hazard Present	Ongoing	PA/SI

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
56	Hawaii	Paauilo	Mauna Kea Ranch Overspill Spillage	Low	Assessment	Hazard Undetermined	Inactive	State
57	Hawaii	Pahala	Kau Sugar Mill	Medium	Response	Hazard Present	Ongoing	State
58	Hawaii	Pahala	ML Macadamia Orchards, LP (Kau Div)	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
59	Hawaii	Papaikou	27-0330 Mamalahoa Highway Collision	Low	Response	Hazard Undetermined	Ongoing	State
60	Hawaii	Papaikou	Mauna Kea Sugar - Onomea Sugar Papaikou Mill Pesticide Mixing Area	Medium	Response	Hazard Present	Ongoing	Site Discovery
61	Hawaii	Pepeekeo	Black Oil and Drum Sites	Low	Response	Hazard Present	Ongoing	State
62	Hawaii	Pepeekeo	Hilo Coast Power Company Diesel Fuel Storage Tank	Low	Assessment	Hazard Managed With Institutional Controls	Ongoing	State
63	Hawaii	Pepeekeo	Kraus Property	Medium	Assessment	Hazard Present	Ongoing	State
64	Hawaii	Pepeekeo	Mauna Kea Sugar - Pepeekeo Mill Herbicide Mixing Area	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
65	Hawaii	Pepeekeo	Petroleum Impacted Soil Downslope of Former HCPC Maintenance Garage	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
66	Hawaii	South Kona	Kamehameha Schools Estoy Property	Medium	Response	Hazard Present	Ongoing	State
67	Hawaii	Waiakea	Waiakea Upland Arsenic Site	High	Assessment	Hazard Present	Inactive	State
68	Hawaii	Waipunalei	Hamakua Sugar Company, Inc - Waipunalei	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	Site Discovery
69	Kauai	Barking Sands	Kauai Test Facility	Low	Assessment	Hazard Present	Ongoing	State
70	Kauai	Eleele	McBryde Sugar Numila Pesticide Mixing Area	Medium	Assessment	Hazard Present	Ongoing	State
71	Kauai	Hanamaulu	Lihue Plantation Co, Ltd - Lihue Herbicide Mixing Plant	Medium	Response	Hazard Undetermined	Ongoing	State
72	Kauai	Hanapepe	Sakoda Garage	Low	Response	Hazard Present	Ongoing	State
73	Kauai	Kalaheo	Kalaheo Elementary Phase 1	Low	Assessment	Hazard Undetermined	Ongoing	State
74	Kauai	Kapaa	Leonard's, Inc	Low	Assessment	Hazard Undetermined	Inactive	State

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
75	Kauai	Kapaa	Wailua Homestead Wells 0421-01& 02	Low	Response	Hazard Present	Inactive	State
76	Kauai	Kekaha	HIANG Kekaha	Low	Assessment	Hazard Undetermined	Inactive	HIANG Site
77	Kauai	Kekaha	Kekaha Diesel Generator	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
78	Kauai	Kekaha	Kekaha Sugar Co, Ltd	Medium	Response	Hazard Present	Ongoing	State
79	Kauai	Kekaha	Kekaha Sugar Co, Ltd - Kekaha Wood Treatment Plant	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
80	Kauai	Kilauea	Hale Hoolulu-Kilauea	Low	Response	No Hazard	Ongoing	State
81	Kauai	Lihue	Former Ahukini Dump	Low	Assessment	Hazard Present	Ongoing	State
82	Kauai	Lihue	Grace Pacific Corporation - Hanamaulu Facility	High	Assessment	Hazard Undetermined	Ongoing	State
83	Kauai	Lihue	Koamalu Plantation LLC Condominium	Medium	Response	Hazard Undetermined	Ongoing	State
84	Kauai	Lihue	Lihue Plantation Co, Ltd	High	Response	Hazard Present	Ongoing	Brownfields
85	Kauai	Lihue	Lihue Plantation Co, Ltd - Lihue Sugar Mill and Power Plant	Medium	Assessment	Hazard Undetermined	Ongoing	Brownfields
86	Kauai	Lihue	Nawiliwili Fuel Distribution Terminal	Low	Response	Hazard Undetermined	Ongoing	State
87	Kauai	Lihue	Nawiliwili Harbor Pier 1 Fuel Contamination	Low	Assessment	Hazard Undetermined	Ongoing	State
88	Kauai	Lihue	Nawiliwili Harbor Pier 2 Oil Spill	Low	Assessment	Hazard Undetermined	Inactive	State
89	Kauai	Lihue	Nawiliwili Harbor Pier 3 Bollard Foundation Construction	Low	Assessment	Hazard Undetermined	Inactive	State
90	Kauai	Lihue	Nawiliwili Harbor Pier 3 Improvements	Low	Response	Hazard Present	Ongoing	State
91	Kauai	Mana Plain	Mana Plain Wetland Restoration	NFA	Assessment	No Hazard	NFA	State
92	Kauai	Puhi	Grove Farm Company at Puhi	Medium	Assessment	Hazard Present	Ongoing	State
93	Kauai	Wailua	Coco Palms Sewage Pump Station	Low	Assessment	Hazard Undetermined	Inactive	State
94	Kauai	Waimea	Meadow Gold Dairies, Inc- Waimea	Low	Response	Hazard Present	Inactive	State

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
95	Kauai	Waimea	Navy MFH PMRF Barking Sands	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
96	Kure Atoll	Kure Atoll	Kure Atoll, U.S. Coast Guard	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
97	Maui	Hana	Kaeleku Plantation Company Mill	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
98	Maui	Kahului	A&B Central Power Plant Pipelines	Medium	Assessment	Hazard Present	Ongoing	State
99	Maui	Kahului	A&B Properties, Inc., Suspected Former Agricultural Deep Soil Dump	Low	Assessment	Hazard Undetermined	Inactive	State
100	Maui	Kahului	Costco #119 Maui Addition Lot 21A	Medium	Response	Hazard Present	Ongoing	VRP
101	Maui	Kahului	Fong Construction	Low	Assessment	Hazard Undetermined	Inactive	State
102	Maui	Kahului	HIANG Kahului	NFA	Assessment	No Hazard	NFA	HIANG Site
103	Maui	Kahului	Hobron Ave Area (Kahului)	Low	Response	Hazard Present	Ongoing	State
104	Maui	Kahului	Kahului Fuel Distribution Terminal	Low	Response	Hazard Present	Ongoing	State
105	Maui	Kahului	Kahului Harbor Pier 1	Low	Assessment	Hazard Present	Ongoing	State
106	Maui	Kahului	Kahului Terminal	Low	Response	Hazard Present	Ongoing	State
107	Maui	Kahului	Maui Pineapple Co Ltd, Kane Street	Medium	Response	Hazard Undetermined	Ongoing	State
108	Maui	Kahului	MECO Pole-Mount Transformer No. 6930	Low	Assessment	Hazard Undetermined	Inactive	State
109	Maui	Kahului	Sears Auto Center	Low	Assessment	Hazard Undetermined	Inactive	State
110	Maui	Kahului	VIP Warehouse	Low	Assessment	Hazard Present	Ongoing	State
111	Maui	Kihei	Selland Construction Inc, Kihei Base Yard	Low	Response	Hazard Undetermined	Inactive	State
112	Maui	Lahaina	ADP Towing	NFA	Response	No Hazard	NFA	State
113	Maui	Lahaina	Kapalua Resort Company	Low	Assessment	Hazard Undetermined	Ongoing	State
114	Maui	Lahaina	Lahaina Cannery Mall Phase II Assessment	Low	Response	Hazard Undetermined	Ongoing	State

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Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
115	Maui	Lahaina	Lipoa Point Parcel 10	NFA	Response	No Hazard	NFA	State
116	Maui	Lahaina	MECO submersible Transformer No. 4726	Low	Assessment	Hazard Undetermined	Inactive	State
117	Maui	Lahaina	Olowalu Company Sugar Mill	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
118	Maui	Paia	Paia Sugar Mill	Medium	Assessment	Hazard Present	Ongoing	PA/SI
119	Maui	Pukalani	Maui Pineapple Co Ltd, Corn Mill Camp	High	Assessment	Hazard Present	Ongoing	State
120	Maui	Puunene	Old Puunene Airport Soil Contamination	Low	Assessment	Hazard Undetermined	Ongoing	State
121	Maui	Wailuku	122 West Ahuliu Way	NFA	Response	Hazard Managed With Institutional Controls	NFA	State
122	Maui	Wailuku	Organizational Maintenance Shop #3 (OMS #3)	Low	Assessment	Hazard Undetermined	Ongoing	HIANG Site
123	Maui	Wailuku	Waiale Ash Pile	Low	Response	Hazard Present	Ongoing	State
124	Maui	Wailuku	Waihee Elementary School	Low	Assessment	Hazard Undetermined	Ongoing	State
125	Maui	Wailuku	Wailuku Sugar Agricultural Department Pesticide Mixing	Medium	Assessment	Hazard Managed With Institutional Controls	Ongoing	Site Discovery
126	Molokai	Hoolehua	Grace Pacific Corporation Manawainui, Molokai Facility	Low	Response	Hazard Present	Ongoing	State
127	Molokai	Ilio Point	Long Range Navigation Station Ilio Point	Medium	Response	No Hazard	Ongoing	State
128	Molokai	Kalaupapa	Kalaupapa National Historical Park		Assessment	Hazard Undetermined	Ongoing	State
129	Molokai	Kaunakakai	DLNR Water Line Installation	Medium	Assessment	Hazard Undetermined	Ongoing	State
130	Molokai	Kaunakakai	Galiher-Ono Property	Medium	Response	Hazard Present	Ongoing	State
131	Molokai	Kaunakakai	Hawaiian Eye Center	Low	Assessment	Hazard Undetermined	Inactive	State
132	Molokai	Kaunakakai	Island Petroleum, Inc (Kaunakakai Terminal)	Low	Response	Hazard Present	Ongoing	State

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133	Molokai	Kaunakakai	Kaunakakai Drainage System B	Medium	Assessment	Hazard Undetermined	Ongoing	State
134	Molokai	Kaunakakai	Molokai Community Service Center	Medium	Response	Hazard Present	Ongoing	State
135	Molokai	Maunaloa	Molokai Ranch Pineapple Pesticide and Maintenance Operations	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
136	Oahu	Aiea	98-121 Lipoa Place	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
137	Oahu	Aiea	98-151 Lipoa Place	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
138	Oahu	Aiea	Aiea Stream	Low	Response	Hazard Managed With Engineering Controls	NFA	State
139	Oahu	Aiea	Aiea Sugar Mill Lot 15	High	Response	Hazard Managed With Engineering Controls	Ongoing	VRP
140	Oahu	Aiea	Grace Pacific Corporation - Halawa Valley Street	Low	Response	Hazard Present	Ongoing	State
141	Oahu	Aiea	Hawaii Baking Company	Low	Assessment	Hazard Undetermined	Inactive	State
142	Oahu	Aiea	HECO Transformer 52091	Low	Assessment	Hazard Undetermined	Inactive	State
143	Oahu	Aiea	Hickam POL ST13, Spill Site ST13	NFA	Response	Hazard Managed With Institutional Controls	NFA	State
144	Oahu	Aiea	Navy MFH Halawa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
145	Oahu	Aiea	Navy MFH McGrew Point	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
146	Oahu	Aiea	Sears Facility #1578 at Pearlridge Mall Elevator Jack	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
147	Oahu	Aiea	Sears Facility #1578 at Pearlridge Mall Hydraulic Hoist	Low	Response	Hazard Present	Ongoing	State
148	Oahu	Barbers Point	Aloha Petroleum, Barbers Pt Sales Terminal (Formerly Texaco/Equilon)	Low	Response	Hazard Present	Ongoing	State
149	Oahu	Barbers Point	Barbers Point Harbor Expansion	Low	Response	Hazard Undetermined	Ongoing	State

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150	Oahu	Barbers Point	Barbers Point Harbor Pier 5	Low	Assessment	Hazard Undetermined	Inactive	State
151	Oahu	Barbers Point	Barbers Point Harbor Pier 7 and Storage Yard S-6	Low	Assessment	Hazard Undetermined	Inactive	State
152	Oahu	Camp HM Smith	Marines MFH Camp Smith	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
153	Oahu	Ewa	Ewa Mill Manager's Mansion and Three-House Camp	Low	Response	Hazard Undetermined	Inactive	Brownfields
154	Oahu	Ewa	Waipahu Garden Center	Low	Assessment	Hazard Undetermined	Ongoing	Brownfields
155	Oahu	Ewa Beach	BHP Gas Express Station 43 Ewa Repair Shop	Low	Assessment	Hazard Undetermined	Ongoing	State
156	Oahu	Ewa Beach	Palailai Landfill	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
157	Oahu	Fort Shafter	Army MFH FS Funston Village	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
158	Oahu	Fort Shafter	Army MFH FS Hauoli Heights North	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
159	Oahu	Fort Shafter	Army MFH FS Hauoli Heights South	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
160	Oahu	Fort Shafter	Army MFH FS Palm Circle	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
161	Oahu	Fort Shafter	Army MFH FS Radar Hill	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
162	Oahu	Fort Shafter	Army MFH FS Rice Manor	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
163	Oahu	Fort Shafter	Army MFH FS Simpson-Wisser Community Center	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
164	Oahu	Fort Shafter	Army MFH FS Simpson-Wisser Neighborhood	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
165	Oahu	Haleiwa	Haleiwa Chevron Service Station	Medium	Response	Hazard Undetermined	Ongoing	State

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166	Oahu	Haleiwa	Twin Bridge Road Drum Dumping-Haleiwa	Low	Response	Hazard Present	Ongoing	State
167	Oahu	Helemano MR	Army MFH HMR Kalapana	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
168	Oahu	Helemano MR	Army MFH HMR Kekona	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
169	Oahu	Helemano MR	Army MFH HMR Kuapale	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
170	Oahu	Hickam AFB	Air Force MFH HAFB CGO-FGO Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
171	Oahu	Hickam AFB	Air Force MFH HAFB Challenger Loop Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
172	Oahu	Hickam AFB	Air Force MFH HAFB Earhart I-1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
173	Oahu	Hickam AFB	Air Force MFH HAFB Earhart I-2	Medium	Response	Hazard Managed With Engineering Controls	NFA	State
174	Oahu	Hickam AFB	Air Force MFH HAFB Earhart I-3	Medium	Response	Hazard Managed With Engineering Controls	NFA	State
175	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
176	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Village Park II-1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
177	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Village Park II-4	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
178	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 01	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
179	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 02	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
180	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 03	High	Response	Hazard Managed With Engineering Controls	Ongoing	State

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<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
181	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 04	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
182	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 05	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
183	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 06	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
184	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 07	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
185	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 08	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
186	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 08 South	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
187	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 09	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
188	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 10	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
189	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 11	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
190	Oahu	Hickam AFB	Air Force MFH HAFB GO-SO Historic Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
191	Oahu	Hickam AFB	Air Force MFH HAFB Hale Na Koa I-1	Medium	Response	Hazard Managed With Engineering Controls	NFA	State
192	Oahu	Hickam AFB	Air Force MFH HAFB Hale Na Koa Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
193	Oahu	Hickam AFB	Air Force MFH HAFB Hickam Field NCO Area	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
194	Oahu	Hickam AFB	Air Force MFH HAFB Hickam Field Officer Area	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
195	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 01	High	Response	Hazard Managed With Engineering Controls	Ongoing	State

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196	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 02	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
197	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 03	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
198	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 04	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
199	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 05	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
200	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 06	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
201	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 07	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
202	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 08	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
203	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 09	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
204	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 10	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
205	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-1	Medium	Response	Hazard Managed With Engineering Controls	NFA	State
206	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-2	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
207	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-3	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
208	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
209	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 2	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
210	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 3	High	Response	Hazard Managed With Engineering Controls	Ongoing	State

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<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
211	Oahu	Hickam AFB	Air Force MFH HAFB SO Minor Renovation	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
212	Oahu	Hickam AFB	Air Force MFH Hickam Communities Remedial Action	Medium	Response	Hazard Managed With Engineering Controls	NFA	State
213	Oahu	Hickam AFB	Hickam AFB HIANG F22 Parking Apron	Low	Response	Hazard Present	Ongoing	State
214	Oahu	Honolulu	1122 Makepono Street	NFA	Response	No Hazard	NFA	State
215	Oahu	Honolulu	1339 School Street	NFA	Assessment	Hazard Managed With Engineering Controls	NFA	State
216	Oahu	Honolulu	158 Sand Island Access Rd	Medium	Response	Hazard Present	Ongoing	State
217	Oahu	Honolulu	180 Sand Island Access Rd	Medium	Response	Hazard Present	Ongoing	State
218	Oahu	Honolulu	1800 Vancouver Drive	Medium	Assessment	Hazard Undetermined	Ongoing	State
219	Oahu	Honolulu	2135 Auiki St	Medium	Response	Hazard Present	Ongoing	State
220	Oahu	Honolulu	218 Mohonua Place	Medium	Response	Hazard Present	Ongoing	State
221	Oahu	Honolulu	2250 Pahounui Drive	Medium	Assessment	Hazard Present	Ongoing	State
222	Oahu	Honolulu	2343 North King Street	NFA	Assessment	Hazard Managed With Institutional Controls	NFA	State
223	Oahu	Honolulu	373 North Nimitz Highway	Medium	Response	Hazard Present	Ongoing	State
224	Oahu	Honolulu	420-470 North Nimitz Highway	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
225	Oahu	Honolulu	580 North Nimitz Highway	Low	Response	Hazard Managed With Engineering Controls	Inactive	State
226	Oahu	Honolulu	595 Ala Moana Black Oil Pipeline	Low	Assessment	Hazard Present	Ongoing	State
227	Oahu	Honolulu	700 N Nimitz IDPP Release	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
228	Oahu	Honolulu	755 N Nimitz Hwy	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
229	Oahu	Honolulu	775 North Nimitz Highway	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

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230	Oahu	Honolulu	801 South Hotel Street	Medium	Assessment	Hazard Undetermined	Ongoing	State
231	Oahu	Honolulu	836 Kawaiahao Street	Low	Response	Hazard Undetermined	Ongoing	State
232	Oahu	Honolulu	Ala Moana WWPS Force Main #3 and #4	Medium	Response	Hazard Present	Ongoing	State
233	Oahu	Honolulu	Alii #3282	Medium	Response	Hazard Present	Ongoing	State
234	Oahu	Honolulu	Allstate Industrial & Marine Cleaning, Inc.	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
235	Oahu	Honolulu	Aloha Tower Development	Low	Assessment	Hazard Present	Ongoing	State
236	Oahu	Honolulu	Ameron Hawaii Sand Island Facility	Medium	Response	Hazard Undetermined	Ongoing	State
237	Oahu	Honolulu	ARCO AM/PM #82102 (Texaco 61-100-0043)	Low	Response	Hazard Present	Ongoing	State
238	Oahu	Honolulu	Army MFH AMR Bougainville	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
239	Oahu	Honolulu	Army MFH AMR Hibiscus	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
240	Oahu	Honolulu	Army MFH AMR Makai View	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
241	Oahu	Honolulu	Army MFH AMR Plumeria	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
242	Oahu	Honolulu	Army MFH AMR Rim Loop	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
243	Oahu	Honolulu	Army MFH AMR Skyview	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
244	Oahu	Honolulu	Army MFH AMR Valley View	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
245	Oahu	Honolulu	Awa Wastewater Pump Station		Assessment	Hazard Undetermined	Ongoing	State
246	Oahu	Honolulu	BHP Gasco Benzene Site	High	Response	Hazard Managed With Institutional Controls	Ongoing	State

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247	Oahu	Honolulu	Brewer Environmental Industries-Pacific Street	High	Assessment	Hazard Present	Ongoing	VRP
248	Oahu	Honolulu	BTU Storage Tanks Pier 19	NFA	Response	Hazard Managed With Institutional Controls	NFA	State
249	Oahu	Honolulu	Camp HM Smith UST CS007	Low	Assessment	Hazard Undetermined	Inactive	State
250	Oahu	Honolulu	Chevron Honolulu Terminal Marine	Medium	Response	Hazard Present	Ongoing	State
251	Oahu	Honolulu	Chevron Honolulu Transportation Terminal	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
252	Oahu	Honolulu	Chevron Kapalama Northeast Parcel	Medium	Response	Hazard Present	Ongoing	State
253	Oahu	Honolulu	Chevron Kapalama Northwest Parcel	Low	Response	Hazard Present	Ongoing	State
254	Oahu	Honolulu	Chevron Kapalama Terminal	Medium	Response	Hazard Present	Ongoing	State
255	Oahu	Honolulu	Chevron Pier 35 Pipeline Release	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
256	Oahu	Honolulu	Chevron Tanker Truck Loading Rack (TTLR)	High	Assessment	Hazard Undetermined	Ongoing	State
257	Oahu	Honolulu	Citizens Energy Services Pier 38	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
258	Oahu	Honolulu	Classic Bowl		Assessment	Hazard Undetermined	Ongoing	State
259	Oahu	Honolulu	Coast Guard MFH Red Hill Makai	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
260	Oahu	Honolulu	Coast Guard MFH Red Hill Mauka	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
261	Oahu	Honolulu	DLNR Buried Drum Site	Low	Assessment	Hazard Managed With Institutional Controls	Inactive	State
262	Oahu	Honolulu	Dole Iwilei	Medium	Assessment	Hazard Managed With Institutional Controls	Ongoing	State
263	Oahu	Honolulu	Domestic Commercial Fishing Village	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State

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264	Oahu	Honolulu	Equilon Enterprises LLC Honolulu Terminal	Low	Response	Hazard Present	Ongoing	State
265	Oahu	Honolulu	Former Kapalama Military Reservation Piers 39 and 40 Pipelines	Medium	Assessment	Hazard Undetermined	Ongoing	State
266	Oahu	Honolulu	H-1 Rehabilitation		Assessment	Hazard Undetermined	Ongoing	State
267	Oahu	Honolulu	Hale Pua Nui UST Removal	Low	Response	Hazard Undetermined	Ongoing	State
268	Oahu	Honolulu	Hart Street WWPS	Low	Response	Hazard Present	Ongoing	State
269	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Airport	Low	Assessment	Hazard Present	Ongoing	State
270	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Access Road	Low	Assessment	Hazard Undetermined	Inactive	State
271	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Oil/Water Drain Line Release	Low	Response	Hazard Present	Ongoing	State
272	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Slurry Wall Trenching Activity	Medium	Response	Hazard Present	Ongoing	State
273	Oahu	Honolulu	Hawaii Grain Corporation	Low	Assessment	Hazard Undetermined	Ongoing	State
274	Oahu	Honolulu	Hawaii Instrumentation & Controls, Inc	Medium	Response	Hazard Managed With Engineering Controls	Inactive	State
275	Oahu	Honolulu	Hawaii Metal Recycling Company Pier 35	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
276	Oahu	Honolulu	Hawaii Stevedores	Low	Response	Hazard Present	Ongoing	State
277	Oahu	Honolulu	Hawaii Transfer Company, Ltd Pier 36	Low	Response	Hazard Present	Ongoing	State
278	Oahu	Honolulu	Hawaiian Electric Company (HECO) - Iwilei Tank Yard	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
279	Oahu	Honolulu	Hawaiian Electric Company (HECO)-Honolulu Generating Station	Low	Assessment	Hazard Undetermined	Inactive	State Response Program

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280	Oahu	Honolulu	Hawaiian Flour Mill	Medium	Response	Hazard Present	Ongoing	State
281	Oahu	Honolulu	Hawaiian Fluid Power Company	Low	Response	Hazard Present	Ongoing	State
282	Oahu	Honolulu	Hawaiian Tug & Barge Corporation	Low	Assessment	Hazard Undetermined	Inactive	State
283	Oahu	Honolulu	HECO Fuel Oil Pipeline Route State Energy Corridor	Low	Assessment	Hazard Undetermined	Ongoing	State
284	Oahu	Honolulu	HECO Substation: Pukele Substation	Low	Assessment	Hazard Undetermined	Ongoing	State
285	Oahu	Honolulu	Honolulu Harbor Iwilei District Operating Parties	Medium	Assessment	Hazard Present	Inactive	State
286	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU1A	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
287	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU1C	Low	Assessment	Hazard Undetermined	Ongoing	State
288	Oahu	Honolulu	Honolulu International Airport	Medium	Assessment	Hazard Undetermined	Inactive	State
289	Oahu	Honolulu	Honolulu Marine Sand Island		Assessment	Hazard Undetermined	Ongoing	State
290	Oahu	Honolulu	Honolulu Marine Small Boat Shipyard at Keehi Lagoon	Low	Assessment	Hazard Undetermined	Ongoing	State
291	Oahu	Honolulu	Honolulu Seawater Air Conditioning Project	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
292	Oahu	Honolulu	Honolulu Shipyard, Inc	Low	Response	Hazard Undetermined	Inactive	State
293	Oahu	Honolulu	Interisland Maintenance Facility Site Elliot Street	Low	Response	Hazard Undetermined	Ongoing	State
294	Oahu	Honolulu	Island Movers, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
295	Oahu	Honolulu	Iwilei Fruits and Produce	Low	Response	Hazard Undetermined	Ongoing	State
296	Oahu	Honolulu	Iwilei Project Site (Iwilei Brownfields)	Low	Response	Hazard Present	Inactive	State
297	Oahu	Honolulu	K&Y Auto Service and Wayne's Auto Electric	Low	Assessment	Hazard Present	Ongoing	State
298	Oahu	Honolulu	Kakaako Brownfield Project	High	Response	Hazard Managed With Institutional Controls	Ongoing	State

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
299	Oahu	Honolulu	Kakaako Brownfield Project - Unit 10	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
300	Oahu	Honolulu	Kakaako Brownfield Project - Unit 2	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
301	Oahu	Honolulu	Kakaako Brownfield Project - Unit 4	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
302	Oahu	Honolulu	Kakaako Brownfield Project - Unit 5	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
303	Oahu	Honolulu	Kakaako Brownfield Project - Unit 6	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
304	Oahu	Honolulu	Kakaako Brownfield Project - Unit 7	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
305	Oahu	Honolulu	Kakaako Brownfield Project - Unit 8	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
306	Oahu	Honolulu	Kakaako Brownfield Project - Unit 9	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
307	Oahu	Honolulu	Kakaako Makai District John Dominis	Medium	Response	Hazard Managed With Institutional Controls	Ongoing	State
308	Oahu	Honolulu	Kakaako Makai District Parking Garage-Unit 1and 3	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
309	Oahu	Honolulu	Kakaako Makai District Units 2 and 4	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
310	Oahu	Honolulu	Kakaako Makai District Units 6 and 7	High	Response	Hazard Present	Ongoing	Brownfields
311	Oahu	Honolulu	Kakaako Pump Station	Low	Response	Hazard Present	Ongoing	State
312	Oahu	Honolulu	Kamehameha Schools - 1336 Dillingham Boulevard	Medium	Response	Hazard Present	Ongoing	State
313	Oahu	Honolulu	Kapalama Incinerator Off-Site Contamination	Medium	Response	Hazard Managed With Institutional Controls	Ongoing	State
314	Oahu	Honolulu	Keeaumoku Superblock Project	Low	Assessment	Hazard Undetermined	Inactive	State

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Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
315	Oahu	Honolulu	Kookia Kalihi Valley Active Living Center	Low	Response	Hazard Undetermined	Inactive	Brownfields
316	Oahu	Honolulu	Kuakini Medical Center	Low	Response	Hazard Undetermined	Ongoing	State
317	Oahu	Honolulu	Kuhio Park Terrace Community Center	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
318	Oahu	Honolulu	Kuhio Park Terrace Towers	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
319	Oahu	Honolulu	Kuhio Park Terrace Units D1 and D2	Medium	Response	Hazard Present	Ongoing	Brownfields
320	Oahu	Honolulu	Lockheed Air Terminal, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
321	Oahu	Honolulu	Longs Drug Stores Warehouse	Low	Response	Hazard Managed With Engineering Controls	NFA	State
322	Oahu	Honolulu	McCabe, Hamilton, & Renny Company, Ltd	Low	Response	Hazard Undetermined	Inactive	State
323	Oahu	Honolulu	McKinley High School Synthetic Track and Field	High	Response	Hazard Undetermined	Ongoing	State
324	Oahu	Honolulu	Miramar Hotel International Market Place Redevelopment	High	Response	Hazard Present	Ongoing	Fast Track
325	Oahu	Honolulu	Miyazaki Honolulu Airport Service Station (Airways Service Station Inc)	Low	Assessment	Hazard Undetermined	Inactive	State
326	Oahu	Honolulu	Moanalua Medical Center and Clinic	Medium	Response	Hazard Present	Ongoing	State
327	Oahu	Honolulu	Navy MFH Camp Stover	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
328	Oahu	Honolulu	Navy MFH Catlin Park	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
329	Oahu	Honolulu	Navy MFH Doris Miller Park	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
330	Oahu	Honolulu	Navy MFH Hale Alii	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

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Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
331	Oahu	Honolulu	Navy MFH Hale Moku	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
332	Oahu	Honolulu	Navy MFH Halsey Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
333	Oahu	Honolulu	Navy MFH Hokulani	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
334	Oahu	Honolulu	Navy MFH Hospital Point	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
335	Oahu	Honolulu	Navy MFH Little Makalapa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
336	Oahu	Honolulu	Navy MFH Makalapa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
337	Oahu	Honolulu	Navy MFH Maloelap	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
338	Oahu	Honolulu	Navy MFH Marine Barracks	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
339	Oahu	Honolulu	Navy MFH Moanalua Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
340	Oahu	Honolulu	Navy MFH Radford Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
341	Oahu	Honolulu	Navy MFH Red Hill Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
342	Oahu	Honolulu	Nimitz Highway Water Improvement Project Sumner to Queen	Low	Response	Hazard Present	Ongoing	State
343	Oahu	Honolulu	Nuuanu Auto Company LTD	Low	Assessment	Hazard Undetermined	Ongoing	State
344	Oahu	Honolulu	Parking Lot C and J Transformer Replacement	Low	Response	Hazard Undetermined	Ongoing	State
345	Oahu	Honolulu	PHT, Inc. dba Polynesian Hospitality	Low	Response	Hazard Undetermined	Inactive	State
346	Oahu	Honolulu	Pier 12 and Pier 15 Improvements	Medium	Assessment	Hazard Undetermined	Ongoing	State

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Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
347	Oahu	Honolulu	Pier 19 Honolulu Harbor	Medium	Assessment	Hazard Undetermined	Inactive	State
348	Oahu	Honolulu	Pukoloa Wood Treating Site	Medium	Response	Hazard Present	Ongoing	State
349	Oahu	Honolulu	Sause Brothers	Low	Response	Hazard Present	Ongoing	State
350	Oahu	Honolulu	Sears Ala Moana	NFA	Response	No Hazard	NFA	State
351	Oahu	Honolulu	Servco Pacific, Inc- Kalihi	Low	Assessment	Hazard Undetermined	Inactive	State
352	Oahu	Honolulu	Shidler College of Business Site Improvements	Low	Assessment	Hazard Undetermined	Inactive	State
353	Oahu	Honolulu	Tesoro Hawaii Corporation, Terminal Department-Sand Island	Medium	Response	Hazard Present	Ongoing	State
354	Oahu	Honolulu	The Honolulu Advertiser (Hawaii Newspaper Agency)	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
355	Oahu	Honolulu	Theo Davies Caterpillar Repair Site	Low	Response	Hazard Managed With Engineering Controls	Inactive	State
356	Oahu	Honolulu	Tosco Honolulu Bulk Distribution Terminal	High	Response	Hazard Present	Ongoing	VRP
357	Oahu	Honolulu	Towco - Sand Island	Low	Assessment	Hazard Undetermined	Inactive	State
358	Oahu	Honolulu	USPS Vehicle Maintenance Facility	Low	Response	Hazard Present	Ongoing	State
359	Oahu	Honolulu	UST at 2906 Kaihikapu St		Assessment	Hazard Undetermined	Ongoing	State
360	Oahu	Honolulu	Waikiki Sand Villa II	Low	Assessment	Hazard Undetermined	Inactive	State
361	Oahu	Honolulu	Walgreens Keeamoku		Assessment	Hazard Undetermined	Ongoing	Fast Track
362	Oahu	Honolulu	Wallys Garden Center	Low	Assessment	Hazard Present	Inactive	State
363	Oahu	Honolulu	Weyerhaeuser	Low	Response	Hazard Present	Inactive	State
364	Oahu	Honolulu	Wiliwili and King Streets Excavation		Assessment	Hazard Undetermined	Ongoing	State
365	Oahu	Honolulu	Yee Hop Building Maunakea Street	Low	Response	Hazard Present	Ongoing	State
366	Oahu	Honolulu	Yee Hop Property	Low	Assessment	Hazard Undetermined	Ongoing	State
367	Oahu	Honolulu	Young Brothers, Ltd Piers 24-28	Medium	Response	Hazard Present	Ongoing	State

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Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
368	Oahu	Honolulu	Young Brothers, Ltd. Piers 39, 40	Low	Assessment	Hazard Undetermined	Inactive	State
369	Oahu	Honolulu	Zippy's 634 N Nimitz Highway	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
370	Oahu	Kahuku	Marconi Road - Contaminated Property	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
371	Oahu	Kailua	C&C Facility Maintenance Kapaa Quarry Rd. Baseyard	Medium	Response	Hazard Present	Ongoing	State
372	Oahu	Kailua	Countryside Apartments		Assessment	Hazard Undetermined	Ongoing	Fast Track
373	Oahu	Kailua	Hawaii Youth Correctional Facility	Low	Assessment	Hazard Present	Ongoing	State
374	Oahu	Kailua	Honolulu Skeet Club	Medium	Response	Hazard Managed With Institutional Controls	Ongoing	State
375	Oahu	Kailua	Ironwoods at Kailua	NFA	Response	Hazard Managed With Engineering Controls	NFA	Fast Track
376	Oahu	Kailua	Kapaa Landfill - Kapaa Quarry Road	Medium	Response	Hazard Undetermined	Inactive	State
377	Oahu	Kailua	Malunui Avenue Oil Contamination	Low	Assessment	Hazard Undetermined	Inactive	State
378	Oahu	Kailua-Kona	Hualalai Resort	NFA	Response	No Hazard	NFA	State
379	Oahu	Kaneohe	Caesar's Cleaners	Medium	Response	Hazard Managed With Engineering Controls	Inactive	State
380	Oahu	Kaneohe	Hawaii State Hospital	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
381	Oahu	Kaneohe MCBH	Kaneohe MCBH, Athletic Field (Fast Track)	NFA	Response	No Hazard	NFA	Fast Track
382	Oahu	Kaneohe MCBH	Marines MFH MCBH Hawaii Loa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
383	Oahu	Kaneohe MCBH	Marines MFH MCBH Heleloa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
384	Oahu	Kaneohe MCBH	Marines MFH MCBH Kaluapuni	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

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Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
385	Oahu	Kaneohe MCBH	Marines MFH MCBH Kaneohe ADMIN FILE	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
386	Oahu	Kaneohe MCBH	Marines MFH MCBH Kapoho	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
387	Oahu	Kaneohe MCBH	Marines MFH MCBH Mololani	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
388	Oahu	Kaneohe MCBH	Marines MFH MCBH Nani Ulupau	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
389	Oahu	Kaneohe MCBH	Marines MFH MCBH Pa Honua III	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
390	Oahu	Kaneohe MCBH	Marines MFH MCBH Ulupau	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
391	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu Manning	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
392	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu NCO Row	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
393	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu Rainbow	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
394	Oahu	Kapalama	1385 Colburn Street	Low	Assessment	Hazard Undetermined	Ongoing	State
395	Oahu	Kapolei	Barge Harbor Soil Contamination	Medium	Assessment	Hazard Undetermined	Inactive	State
396	Oahu	Kapolei	Chevron USA Products Co., Hawaii Refinery Tank Sludge	Medium	Assessment	Hazard Undetermined	Inactive	State
397	Oahu	Kapolei	Chevron USA Products Co., Hawaii Refinery, Marine Line Release	Low	Response	Hazard Present	Inactive	State
398	Oahu	Kapolei	Con-Fab Hawaii Corporation	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
399	Oahu	Kapolei	CoVan Warehouse	Low	Response	Hazard Present	Inactive	State
400	Oahu	Kapolei	Ewa Feedlot Property	Medium	Response	Hazard Present	Inactive	Brownfields

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Hawaii State Response Program List of Priority Sites FY2014								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
401	Oahu	Kapolei	FORT	NFA	Response	Hazard Managed With Engineering Controls	NFA	Fast Track
402	Oahu	Kapolei	Hanua Street Fugitive Oil	Low	Assessment	Hazard Undetermined	Inactive	State
403	Oahu	Kapolei	Honolulu Wood Treating Company, Ltd	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	VRP
404	Oahu	Kapolei	Kalaeloa Cogeneration Plant	Low	Assessment	Hazard Undetermined	Inactive	State
405	Oahu	Kapolei	Tileco, Inc	Medium	Response	Hazard Undetermined	Ongoing	State
406	Oahu	Kunia	Central Oahu Wells	Low	Assessment	Hazard Undetermined	Ongoing	State
407	Oahu	Kunia	Del Monte Corporation Oahu Plantation	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
408	Oahu	Kunia	Ewa Sugar Mill/Oahu Sugar Co. - Kunia Staging Area	Medium	Response	Hazard Present	Ongoing	State
409	Oahu	Kunia	Kunia Wells I	Low	Assessment	Hazard Undetermined	Ongoing	State
410	Oahu	Kunia	Kunia Wells II	Low	Assessment	Hazard Undetermined	Ongoing	State
411	Oahu	Maili	84-Acre Portion of the Former Voice of America Site	Low	Assessment	Hazard Undetermined	Ongoing	State
412	Oahu	Makakilo	Grace Pacific Corporation - Makakilo Quarry	Low	Assessment	Hazard Undetermined	Ongoing	VRP
413	Oahu	Mililani	Mililani Wells I	Low	Assessment	Hazard Undetermined	Ongoing	State
414	Oahu	Pearl City	Hawaii Army National Guard Waiawa Gulch	Low	Response	Hazard Present	Ongoing	State
415	Oahu	Pearl City	HECO Generating Station: Waiiau	Medium	Response	Hazard Undetermined	Inactive	State
416	Oahu	Pearl City	HECO Waiiau Generating Station Tank 4	Low	Response	Hazard Present	Ongoing	State
417	Oahu	Pearl City	Marines MFH Manana	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
418	Oahu	Pearl City	Navy MFH Manana	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

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<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
419	Oahu	Pearl City	Navy MFH Pearl City Peninsula	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
420	Oahu	Pearl City	Pearl City Urban Garden Center	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
421	Oahu	Pearl City	Waiawa Shaft	Low	Assessment	Hazard Undetermined	Ongoing	State
422	Oahu	Pearl City	Waimano Home Campus	Low	Assessment	Hazard Managed With Engineering Controls	Inactive	Brownfields Site
423	Oahu	Pearl Harbor	Pearl Harbor Naval Complex	Medium	Response	Hazard Undetermined	Ongoing	NPL
424	Oahu	Schofield Barracks	Army MFH SB Akolea	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
425	Oahu	Schofield Barracks	Army MFH SB Aloala	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
426	Oahu	Schofield Barracks	Army MFH SB Canby	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
427	Oahu	Schofield Barracks	Army MFH SB Generals Loop	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
428	Oahu	Schofield Barracks	Army MFH SB Hamilton	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
429	Oahu	Schofield Barracks	Army MFH SB Kaena	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
430	Oahu	Schofield Barracks	Army MFH SB Leader Field	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
431	Oahu	Schofield Barracks	Army MFH SB Mendonca Park	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
432	Oahu	Schofield Barracks	Army MFH SB Moyer	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
433	Oahu	Schofield Barracks	Army MFH SB Patriot	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
434	Oahu	Schofield Barracks	Army MFH SB Porter	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

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<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
435	Oahu	Schofield Barracks	Army MFH SB Ralston	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
436	Oahu	Schofield Barracks	Army MFH SB Santa Fe	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
437	Oahu	Schofield Barracks	Army MFH SB Solomon	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
438	Oahu	Tripler AMC	Army MFH TAMC Rainbow Village	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
439	Oahu	Wahiawa	Navy MFH NCTAMS PAC Wahiawa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
440	Oahu	Wahiawa	NCTAMSPAC Center Street	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	NPL
441	Oahu	Wahiawa	Whitmore Village	Low	Assessment	Hazard Undetermined	Ongoing	State
442	Oahu	Waialua	Waialua Sugar Mill Settling Ponds	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	VRP
443	Oahu	Waialua	Waialua Sugar Mill VRP Site	High	Response	Hazard Present	Ongoing	VRP
444	Oahu	Waianae	Industrial Technology Tire Pile	Medium	Assessment	Hazard Undetermined	Ongoing	State
445	Oahu	Waianae	Waianae Elementary School diesel UST	Low	Assessment	Hazard Undetermined	Ongoing	State
446	Oahu	Waimanalo	Air Force MFH Bellows Renovation	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
447	Oahu	Waimanalo	University of Hawaii, Waimanalo Experimental Farm	Low	Assessment	Hazard Undetermined	Inactive	State
448	Oahu	Waimanalo	Waimanalo Areawide Groundwater Contamination	Low	Assessment	Hazard Present	Inactive	State
449	Oahu	Waimanalo	Waimanalo Time Warner Cable Property	NFA	Response	No Hazard	NFA	Fast Track
450	Oahu	Waipahu	94-143 Leokane Street	NFA	Assessment	Hazard Managed With Engineering Controls	NFA	State

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<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
451	Oahu	Waipahu	Navy MFH Ford Island	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
452	Oahu	Waipahu	Tony Group Body Shop/Pfleuger Subaru petroleum contamination discovery	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
453	Oahu	Waipahu	Waipio Heights Wells II	Low	Assessment	Hazard Undetermined	Ongoing	State
454	Oahu	Waipio	Ewa Sugar Mill/Oahu Sugar Co. - Waipio Peninsula	High	Assessment	Hazard Managed With Engineering Controls	Ongoing	State
455	Oahu	Wheeler AAF	Army MFH WAAF Kunia	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
456	Oahu	Wheeler AAF	Army MFH WAAF Puali North	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
457	Oahu	Wheeler AAF	Army MFH WAAF Puali South	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
458	Oahu	Wheeler AAF	Army MFH WAAF Wiliwili	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
459	Oahu		Army MFH Army Hawaii Family Housing ADMIN FILE	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
460	Oahu		Navy MFH Ohana Military Communities ADMIN FILE	Medium	Response	Hazard Present	Ongoing	State
461	French Frigate	Tern Island	Tern Island	High	Response	Hazard Present	Ongoing	State

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Hawaii State Response Program DSMOA Program List of Sites FY2014								
	<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>
1	Hawaii	Army, Corps of Engineers	FUDS Army Impact Range	High	Assessment	Hazard Present	Ongoing	FUDS
2	Hawaii	Army, Corps of Engineers	FUDS Firing Range and Camp, Lalamilo, Hawaii	High	Response	Hazard Present	Ongoing	FUDS
3	Hawaii	Army, Corps of Engineers	FUDS Ka'u Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
4	Hawaii	Army, Corps of Engineers	FUDS Keaau Bombing Target	Medium	Assessment	Hazard Present	Ongoing	FUDS
5	Hawaii	Army, Corps of Engineers	FUDS Mahukona Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
6	Hawaii	Army, Corps of Engineers	FUDS Nansay Hawaii	Low	Assessment	Hazard Present	Ongoing	FUDS
7	Hawaii	Army, Corps of Engineers	FUDS Pakini Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
8	Hawaii	Army, Corps of Engineers	FUDS Wahine Maka Nui Target	Medium	Assessment	Hazard Present	Ongoing	FUDS
9	Hawaii	Army, Corps of Engineers	FUDS Waikoloa Maneuver Area	Low	Response	Hazard Present	Ongoing	FUDS
10	Hawaii	Army, Kilauea Military Camp	Kilauea Military Camp	Low	Assessment	Hazard Undetermined	Inactive	IRP
11	Hawaii	Army, Kilauea Military Camp	Kilauea Military Camp, POL Area, Former Lab, & Former Landfill	Low	Assessment	Hazard Undetermined	Ongoing	IRP
12	Hawaii	Army, Kilauea Military Camp	Kilauea Military Reservation Kau Desert Impact Training Area	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
13	Hawaii	Army, Kilauea Military Camp	Kilauea Military Reservation MMRP	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
14	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area MMRP	Medium	Assessment	Hazard Present	Ongoing	MMRP

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
15	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area, Pu'u Pa'a	High	Assessment	Hazard Undetermined	Ongoing	MMRP
16	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area, Vehicle Refueling Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
17	Johnston Atoll	Army, Johnston Atoll	Johnston Atoll, Pacific Ocean	Low	Assessment	Hazard Undetermined	Ongoing	Army
18	Kahoolawe	Navy, Marine Corps	Kahoolawe Island	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
19	Kauai	Air Force, Kokee Air Force Station	Kokee AFS EA01	Low	Assessment	Hazard Undetermined	Ongoing	IRP
20	Kauai	Air Force, Kokee Air Force Station	Kokee AFS SS01	Low	Assessment	Hazard Undetermined	Ongoing	IRP
21	Kauai	Air Force, Kokee Air Force Station	Kokee AFS SS02	Low	Assessment	Hazard Undetermined	Ongoing	IRP
22	Kauai	Army, Corps of Engineers	FUDS Ahukini	Medium	Assessment	Hazard Present	Ongoing	FUDS
23	Kauai	Army, Corps of Engineers	FUDS Grove Farm Artillery Range, Kauai	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	FUDS
24	Kauai	Army, Corps of Engineers	FUDS Waimea Training Site	Medium	Assessment	Hazard Present	Ongoing	FUDS
25	Kauai	Navy, Pacific Missile Range Facility	Pacific Missile Range Facility	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
26	Kauai	Navy, Pacific Missile Range Facility	PMRF, Battery Acid Disposal Pit	Low	Assessment	Hazard Undetermined	Ongoing	IRP
27	Kauai	Navy, Pacific Missile Range Facility	PMRF, Crash Crew Firefighting Pit 1	Low	Assessment	Hazard Undetermined	Inactive	IRP
28	Kauai	Navy, Pacific Missile Range Facility	PMRF, Firefighting Pit No. 2	Low	Assessment	Hazard Undetermined	Inactive	IRP
29	Kauai	Navy, Pacific Missile Range Facility	PMRF, JP-4 Tanker Truck Pod and Reclamite Asphalt Rejuvenator Drum Burial Site	NFA	Assessment	Hazard Undetermined	NFA	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
30	Kauai	Navy, Pacific Missile Range Facility	PMRF, Landfills 5, 6, &7	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
31	Kauai	Navy, Pacific Missile Range Facility	PMRF, Torpedo Postrun Facility Drain	Low	Assessment	Hazard Undetermined	Inactive	IRP
32	Kauai	Navy, Pacific Missile Range Facility	PMRF, Transformer Substation System	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
33	Lanai	Army, Corps of Engineers	FUDS Lanai Bombing Targets	Medium	Assessment	Hazard Present	Ongoing	FUDS
34	Lanai	Army, Corps of Engineers	FUDS Lanai Radar Station	Low	Response	Hazard Present	Ongoing	FUDS
35	Maui	Army, Corps of Engineers	FUDS Gunnery Site, Makawao	Medium	Response	Hazard Present	Ongoing	FUDS
36	Maui	Army, Corps of Engineers	FUDS Kane Puu Naval Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
37	Maui	Army, Corps of Engineers	FUDS Maui Bombing Targets	Medium	Assessment	Hazard Present	Ongoing	FUDS
38	Maui	Army, Corps of Engineers	FUDS Opana Point	Medium	Assessment	Hazard Present	Ongoing	FUDS
39	Molokai	Army, Corps of Engineers	FUDS Makanalua Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
40	Molokai	Army, Corps of Engineers	FUDS Molokai Bombing Targets - Punakua	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
41	Molokai	Army, Corps of Engineers	FUDS Unexploded Ordnance Removal, Molokini Island	Medium	Response	Hazard Present	Ongoing	FUDS
42	Molokai	Army, Corps of Engineers	Puu Kapele	Low	Assessment	Hazard Undetermined	Inactive	FUDS
43	Oahu	Air Force, Bellows Air Force Station	Bellows AFB SS05	Low	Assessment	Hazard Undetermined	Ongoing	IRP
44	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC10	Low	Assessment	Hazard Undetermined	Ongoing	IRP

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<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
45	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC18	Low	Assessment	Hazard Undetermined	Ongoing	IRP
46	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC20	Low	Assessment	Hazard Undetermined	Ongoing	IRP
47	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC21	Low	Assessment	Hazard Undetermined	Ongoing	IRP
48	Oahu	Air Force, Bellows Air Force Station	Bellows AFS DP06	Low	Assessment	Hazard Undetermined	Ongoing	IRP
49	Oahu	Air Force, Bellows Air Force Station	Bellows AFS DP17	Low	Assessment	Hazard Undetermined	Ongoing	IRP
50	Oahu	Air Force, Bellows Air Force Station	Bellows AFS EA03	Low	Assessment	Hazard Undetermined	Ongoing	IRP
51	Oahu	Air Force, Bellows Air Force Station	Bellows AFS EA04	Low	Assessment	Hazard Undetermined	Ongoing	IRP
52	Oahu	Air Force, Bellows Air Force Station	Bellows AFS EA05	Low	Assessment	Hazard Undetermined	Ongoing	IRP
53	Oahu	Air Force, Bellows Air Force Station	Bellows AFS EA09	Low	Assessment	Hazard Undetermined	Ongoing	IRP
54	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA39, Former Large Bomb Range	Low	Assessment	Hazard Present	Ongoing	MMRP
55	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA40, Former Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP
56	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA43, Urban Warfare Training Facility	Low	Assessment	Hazard Present	Ongoing	MMRP
57	Oahu	Air Force, Bellows Air Force Station	Bellows AFS OU1	Low	Assessment	Hazard Undetermined	Ongoing	IRP
58	Oahu	Air Force, Bellows Air Force Station	Bellows AFS OU7	Low	Assessment	Hazard Undetermined	Ongoing	IRP
59	Oahu	Air Force, Bellows Air Force Station	Bellows AFS SD04	Low	Assessment	Hazard Undetermined	Ongoing	IRP

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<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
60	Oahu	Air Force, Bellows Air Force Station	Bellows AFS SD22	Low	Assessment	Hazard Undetermined	Ongoing	IRP
61	Oahu	Air Force, Bellows Air Force Station	Bellows AFS SS21	Low	Assessment	Hazard Undetermined	Ongoing	IRP
62	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST03	Low	Assessment	Hazard Undetermined	Ongoing	IRP
63	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST09	Low	Assessment	Hazard Undetermined	Ongoing	IRP
64	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST11	Low	Assessment	Hazard Undetermined	Ongoing	IRP
65	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST12	Low	Assessment	Hazard Undetermined	Ongoing	IRP
66	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST13	Low	Assessment	Hazard Undetermined	Ongoing	IRP
67	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST14	Low	Assessment	Hazard Undetermined	Ongoing	IRP
68	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST15	Low	Assessment	Hazard Undetermined	Ongoing	IRP
69	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST16	Low	Assessment	Hazard Undetermined	Ongoing	IRP
70	Oahu	Air Force, Fort Kamehameha	Fort Kamehameha DSPL Site	Low	Assessment	Hazard Undetermined	Inactive	IRP
71	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC EA22, Wash Racks/Bldg 2025 and Near Bldg 1055	Low	Assessment	Hazard Undetermined	Inactive	IRP
72	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC KNMD-EA01 Potential Landfill	Low	Assessment	Hazard Undetermined	Inactive	IRP
73	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC KNMD-EA11 Old HIANG Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
74	Oahu	Air Force, Hickam Air Force Base	Hickam AFB Building 1204	Low	Assessment	Hazard Undetermined	Inactive	IRP

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<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
75	Oahu	Air Force, Hickam Air Force Base	Hickam AFB CF23, Former Mess Hall	Medium	Assessment	Hazard Present	Ongoing	IRP
76	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA1X, Former Skeet Ranges	Low	Assessment	Hazard Present	Ongoing	MMRP
77	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA1X, MRS TS001 Hickam Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP
78	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA2X, Small Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP
79	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA3X, Former Moving Base Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP
80	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA53, Former Fort Kamehameha Small Arms Range	Low	Assessment	Hazard Present	Ongoing	MMRP
81	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA54, Former EOD Proficiency Range	Low	Assessment	Hazard Present	Ongoing	MMRP
82	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST20, EOD Area USTs	Low	Assessment	Hazard Present	Ongoing	IRP
83	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST28, Hickam Runway USTs & Cesspools	NFA	Response	Hazard Managed With Institutional Controls	NFA	IRP
84	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST28, Subsite 2020/2021	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
85	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST28, Subsite 3007	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
86	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST28, Subsite 3023	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
87	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST28, Subsite AVPA-B	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
88	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST29, Subsite 1093	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
89	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST29, Subsite 2006	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA

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Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
90	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30 Subsite 725	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
91	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Signer Residential USTs	NFA	Response	Hazard Managed With Institutional Controls	NFA	IRP
92	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 815	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
93	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 934	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
94	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 940	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
95	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 969	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
96	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 970	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
97	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 998	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
98	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Hangar Avenue 3 UST Sub-Sites	NFA	Response	Hazard Managed With Institutional Controls	NFA	DSMOA
99	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Hangar Avenue 33 UST Sub-Sites	NFA	Response	No Hazard	NFA	DSMOA
100	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Subsite 1001	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
101	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Subsite 1055B	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
102	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Subsite F-1041	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
103	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Subsite F-29A	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
104	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Subsite F-33	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA

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<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
105	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Subsite 1102	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
106	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Subsite 1152	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
107	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Subsite 2050B	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
108	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Subsite F-177A&B	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
109	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Subsite F-511	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
110	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Vickers Avenue USTs	Low	Assessment	Hazard Present	NFA	IRP
111	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST33, Subsite 320	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
112	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST33, Subsite 344	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
113	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST33, Subsite 358	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
114	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST33, Subsite 496	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
115	Oahu	Air Force, Hickam Air Force Base	HICKAM AFB ST34, Clean Water Rinse Facility	Medium	Assessment	Hazard Present	Ongoing	IRP
116	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST34, Subsite 2184	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
117	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST35, Kuntz Avenue USTs	NFA	Response	Hazard Managed With Institutional Controls	NFA	IRP
118	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST35, Subsite 1720	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
119	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST35, Subsite F-1818	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA

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120	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST38, Fort Kamehameha USTs	Low	Assessment	Hazard Undetermined	Ongoing	IRP
121	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1120 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
122	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1760 USTs	Low	Assessment	Hazard Present	Ongoing	Compliance
123	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1805 USTs	Low	Assessment	Hazard Undetermined	Ongoing	IRP
124	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1860 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
125	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 2072 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
126	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 309 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
127	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 333 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
128	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 369 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
129	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 484 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
130	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 869 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
131	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 940 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
132	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 969 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
133	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 986 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
134	Oahu	Air Force, Hickam Air Force Base	Hickam Former Building 2156 AST	Medium	Assessment	Hazard Present	Ongoing	IRP

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135	Oahu	Air Force, Hickam Air Force Base	Hickam Golf Course IRP Site LFOS-Triservices Landfill	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
136	Oahu	Air Force, Hickam Air Force Base	Waiawa Stream Tributary, Pearl City	Low	Assessment	Hazard Undetermined	Inactive	IRP
137	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL Default Sites	Medium	Assessment	Hazard Present	Ongoing	IRP
138	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST01, Kipapa Fuel Storage Annex	High	Assessment	Hazard Present	Ongoing	IRP
139	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST01C, KFSU UST, OWS, & Cesspool	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
140	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST02, Spill Site ST02 & Valve Pit 26	Low	Assessment	Hazard Undetermined	Ongoing	IRP
141	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST03, Spill Site ST03 & Valve Pits 14, 15, 15A, & 16	Medium	Assessment	Hazard Present	Ongoing	IRP
142	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST05, Spill Site ST05 and Valve Pits 1 thru 13	NFA	Response	Hazard Managed With Institutional Controls	NFA	IRP
143	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST14, Spill Site ST14 & Valve Pit 30	Medium	Assessment	Hazard Present	Ongoing	IRP
144	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST21, Spill Site ST21 & Valve Pit 29	NFA	Response	Hazard Managed With Institutional Controls	NFA	IRP
145	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST28, Spill Site 28 (Formerly EA05)	Low	Assessment	Hazard Undetermined	Ongoing	IRP

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146	Oahu	Air Force, Kaala Air Force Station	Kaala AFS WPO3	Low	Assessment	Hazard Undetermined	Ongoing	IRP
147	Oahu	Air Force, Kaena Point Satellite Tracking Station	Kaena Point STS EA01	Low	Assessment	Hazard Undetermined	Ongoing	IRP
148	Oahu	Air Force, Kaena Point Satellite Tracking Station	Kaena Point STS EA05	Low	Assessment	Hazard Undetermined	Ongoing	IRP
149	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation	Low	Assessment	Hazard Undetermined	Inactive	IRP
150	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation 1850 Aliamanu Drive	Low	Assessment	Hazard Undetermined	Ongoing	Army
151	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation, Bunker & Residential Areas	Low	Assessment	Hazard Undetermined	Inactive	IRP
152	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation, Seal Tunnel Portals	Low	Assessment	Hazard Undetermined	Inactive	IRP
153	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Fort Barrette, Safety Hazard Removal	Low	Assessment	Hazard Undetermined	Inactive	IRP
154	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Waikakalaua Ammo Storage Tunnels	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
155	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Waikakalaua Ammunitions Storage Tunnel MMRP	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
156	Oahu	Army, Corps of Engineers	FUDS Aiea Military Reservation	High	Response	Hazard Present	Ongoing	FUDS
157	Oahu	Army, Corps of Engineers	FUDS Center Combat Range	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
158	Oahu	Army, Corps of Engineers	FUDS Dillingham Air Force Base	Low	Assessment	Hazard Present	Ongoing	FUDS

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
159	Oahu	Army, Corps of Engineers	FUDS Haiku Radio Station	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
160	Oahu	Army, Corps of Engineers	FUDS Haleiwa Landing Field	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
161	Oahu	Army, Corps of Engineers	FUDS Heeia Combat Training Camp	High	Response	Hazard Present	Ongoing	FUDS
162	Oahu	Army, Corps of Engineers	FUDS Kahuku Training Area	Medium	Assessment	Hazard Present	Ongoing	FUDS
163	Oahu	Army, Corps of Engineers	FUDS Makapuu Light House	Medium	Assessment	Hazard Present	Ongoing	FUDS
164	Oahu	Army, Corps of Engineers	FUDS Mokuhooniki Island	Medium	Assessment	Hazard Present	Ongoing	FUDS
165	Oahu	Army, Corps of Engineers	FUDS Oahu Target Island	High	Assessment	Hazard Present	Ongoing	FUDS
166	Oahu	Army, Corps of Engineers	FUDS Offshore Waianae Sewage Outfall	Low	Assessment	Hazard Present	Ongoing	FUDS
167	Oahu	Army, Corps of Engineers	FUDS Pacific Jungle Combat Training Area	High	Assessment	Hazard Present	Ongoing	FUDS
168	Oahu	Army, Corps of Engineers	FUDS Pali Training Camp	High	Assessment	Hazard Present	Ongoing	FUDS
169	Oahu	Army, Corps of Engineers	FUDS Popoki Target Area	High	Response	Hazard Present	Ongoing	FUDS
170	Oahu	Army, Corps of Engineers	FUDS Rabbit Island	Medium	Assessment	Hazard Present	Ongoing	DSMOA
171	Oahu	Army, Corps of Engineers	FUDS Range D-400-L	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
172	Oahu	Army, Corps of Engineers	FUDS Waiawa Training Area	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
173	Oahu	Army, Corps of Engineers	FUDS Waikane Training Area	High	Response	Hazard Present	Ongoing	FUDS

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
174	Oahu	Army, Corps of Engineers	FUDS Wailua Artillery Impact Area	High	Assessment	Hazard Present	Ongoing	FUDS
175	Oahu	Army, Corps of Engineers	FUDS Waimea Falls Park	Medium	Assessment	Hazard Present	Ongoing	FUDS
176	Oahu	Army, Dillingham Military Reservation	Dillingham Military Reservation, Former Transformer Site	Low	Assessment	Hazard Undetermined	Inactive	IRP
177	Oahu	Army, Fort DeRussy	Fort DeRussy, Former Leaking UST Site (Bldg 107 & 108)	Low	Assessment	Hazard Undetermined	Inactive	IRP
178	Oahu	Army, Fort Shafter	Fort Shafter, Building 1527	Low	Response	No Hazard	Ongoing	IRP
179	Oahu	Army, Fort Shafter	Fort Shafter, Drill Field, Pistol Range, and Rifle Ranges 1 & 2	Low	Response	Hazard Undetermined	Ongoing	MMRP
180	Oahu	Army, Kahuku Training Area	Kahuku Training Area, Former Transformer Site	Low	Assessment	Hazard Undetermined	Inactive	IRP
181	Oahu	Army, Kapalama Military Reservation	Kapalama Military Reservation South Oahu Location	Low	Assessment	Hazard Undetermined	Ongoing	Army
182	Oahu	Army, Kunia Military Reservation	Kunia Field Station	Low	Assessment	Hazard Undetermined	Inactive	IRP
183	Oahu	Army, Kunia Military Reservation	Kunia Field Station, Microwave Tower & Building 25	Low	Assessment	Hazard Undetermined	Ongoing	IRP
184	Oahu	Army, Makua Military Reservation	Makua Military Reservation MMRP	High	Assessment	Hazard Present	Ongoing	MMRP
185	Oahu	Army, Pokai Bay	Ordnance Reef Site HI-06	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
186	Oahu	Army, Schofield Barracks	Building Quad-J	Low	Assessment	Hazard Undetermined	Ongoing	Army
187	Oahu	Army, Schofield Barracks	Schofield Barracks Buildings 652, 649, 650	Low	Assessment	Hazard Undetermined	Ongoing	Army
188	Oahu	Army, Schofield Barracks	Schofield Barracks NCO Academy Building 6055	Low	Assessment	Hazard Undetermined	Ongoing	Army

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Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
189	Oahu	Army, Schofield Barracks	Schofield Barracks Site 26 Car Care	Low	Assessment	Hazard Undetermined	Inactive	IRP
190	Oahu	Army, Schofield Barracks	Schofield Barracks, Operable Unit 2 (OU2)	High	Response	Hazard Present	Ongoing	IRP
191	Oahu	Army, Schofield Barracks	Schofield Barracks, Site A-100-L-2	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
192	Oahu	Army, Schofield Barracks	Schofield Barracks, Site A-100-L-2 (TD)	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
193	Oahu	Army, Schofield Barracks	Schofield Barracks, Site ER-7A	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
194	Oahu	Army, Schofield Barracks	Schofield Barracks, Small Bore Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
195	Oahu	Army, Schofield Barracks	Schofield Barracks, Southern Pistol Ranges	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
196	Oahu	Army, Schofield Barracks	Schofield Barracks, UST Building 3010A	Low	Assessment	Hazard Present	Inactive	IRP
197	Oahu	Army, Schofield Barracks	Schofield Barracks, Yonkers Range	Medium	Response	Hazard Present	Ongoing	MMRP
198	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield MMRP	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
199	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Archery Range	Low	Assessment	Hazard Undetermined	Inactive	IRP
200	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Combat Aviation Brigade	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
201	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Firing Range 2a	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
202	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Practice Bomb Range	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
203	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Skeet Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP

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Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
204	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Auto Hobby Shop	Low	Assessment	Hazard Undetermined	Inactive	IRP
205	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Coral Pit 1	Low	Assessment	Hazard Undetermined	Ongoing	IRP
206	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Coral Pit, Ordnance Pond, Sanitary Landfill	Low	Assessment	Hazard Undetermined	Ongoing	Navy
207	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Dry Well Network	Low	Assessment	Hazard Undetermined	Ongoing	BRAC
208	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Fire Fighting Training Pits	Low	Assessment	Hazard Undetermined	Ongoing	BRAC
209	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Former Fuel Farm	Low	Assessment	Hazard Undetermined	Ongoing	BRAC
210	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Golf Course Maintenance Shop	Medium	Response	No Hazard	Ongoing	IRP
211	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS MWR Warehouse Area	Low	Response	Hazard Present	Ongoing	BRAC
212	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Navy Public Works Center	Low	Response	Hazard Present	Ongoing	BRAC
213	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Regional Groundwater System	Low	Assessment	Hazard Undetermined	Inactive	BRAC
214	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Runway 11 Clear Zone	Low	Assessment	Hazard Undetermined	Inactive	BRAC
215	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Sanitary Landfill	Low	Response	Hazard Present	Ongoing	IRP
216	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Station P	High	Assessment	Hazard Present	Ongoing	IRP
217	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Station S1759	Low	Response	Hazard Present	Ongoing	IRP
218	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Transformer Substations	Low	Response	Hazard Present	Inactive	BRAC

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Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
219	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS UST BP 19-20	Low	Assessment	Hazard Undetermined	Ongoing	Compliance
220	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Abandoned Tank	Medium	Assessment	Hazard Undetermined	Inactive	IRP
221	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Abandoned Underground Fuel	Medium	Response	Hazard Present	Ongoing	IRP
222	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Contaminated Groundwater	Medium	Assessment	Hazard Undetermined	Inactive	IRP
223	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Merry Point Old Diesel Purifier	Medium	Assessment	Hazard Undetermined	Inactive	IRP
224	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Pearl City Fuel Annex	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
225	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, PWC Gas Station Bldg 1326	Medium	Assessment	Hazard Undetermined	Inactive	IRP
226	Oahu	Navy, Ford Island	Ford Island	High	Response	Hazard Undetermined	Ongoing	IRP
227	Oahu	Navy, Joint Base Command	PHNC, Sandblast Grit Disposal	Medium	Response	Hazard Present	Ongoing	IRP
228	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe Marine Corps Base Hawaii MMRP	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
229	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 1282 Vehicle Maintenance Shop	NFA	Assessment	No Hazard	NFA	IRP

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<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
230	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 322 Motor Pool UST KB-100	Low	Assessment	Hazard Present	Ongoing	IRP
231	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 322 Motor Pool UST KB-91	Low	Assessment	Hazard Undetermined	Ongoing	IRP
232	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 454 Disposal Area	NFA	Assessment	No Hazard	NFA	IRP
233	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Facilities Department Salvage Yard	Low	Response	Hazard Undetermined	Ongoing	IRP
234	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Fuel Oil Pipeline	Low	Response	Hazard Managed With Institutional Controls	NFA	IRP
235	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH H-3 Landfill	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
236	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Naval Ocean Systems Center	Low	Assessment	Hazard Undetermined	Ongoing	IRP
237	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Quarry Pit Landfill	Low	Response	Hazard Present	Ongoing	IRP
238	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Range Disposal Area	NFA	Assessment	No Hazard	NFA	IRP
239	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Various Transformers	Low	Assessment	Hazard Undetermined	Ongoing	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
240	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Fuel Farm Sludge Disposal Area	Medium	Assessment	Hazard Present	NFA	IRP
241	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Moving Target Range	Medium	Response	Hazard Undetermined	Ongoing	MMRP
242	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Ordnance Demolition Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
243	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Skeet & Trap Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
244	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-44	Low	Assessment	Hazard Undetermined	Inactive	IRP
245	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-73	Low	Assessment	Hazard Undetermined	Inactive	IRP
246	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Waikane Valley	High	Assessment	Hazard Present	Ongoing	MMRP
247	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
248	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Building 1091	Low	Assessment	Hazard Undetermined	Inactive	IRP
249	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Firebomb Mixing Area	Low	Assessment	Hazard Undetermined	Inactive	IRP

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<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
250	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Landfill	Low	Assessment	Hazard Undetermined	Ongoing	Navy
251	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Skeet Shooting Range	Low	Assessment	Hazard Undetermined	Inactive	IRP
252	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay, Fire Fighting Training Area	Low	Response	Hazard Undetermined	Ongoing	IRP
253	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NAVCAM	Low	Assessment	Hazard Undetermined	Inactive	IRP
254	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NCTAMS- ADMIN	High	Response	Hazard Undetermined	Ongoing	IRP
255	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NCTAMSPAC Radio Transmitter Facility Lualualei	High	Response	Hazard Undetermined	Ongoing	IRP
256	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch Building 49 Transformer	Medium	Response	Hazard Undetermined	Ongoing	DSMOA
257	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, 4th Street Coral Pit Landfill	Medium	Assessment	Hazard Managed With Institutional Controls	NFA	IRP

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<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
258	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Burning Pit MRS	Low	Response	Hazard Present	Ongoing	MMRP
259	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Electrical Components Disposal Area MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
260	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Injection Well MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
261	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Otto Fuel Waste Storage Area	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
262	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Vehicle Maintenance Facility	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
263	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, West Loch Fuel Storage Facility AST	NFA	Assessment	No Hazard	NFA	IRP
264	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	Naval Magazine Lualualei (Lualualei Branch)	Low	Assessment	Hazard Undetermined	Inactive	IRP
265	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Auxiliary Power Building 77	Low	Assessment	Hazard Undetermined	Ongoing	IRP
266	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building 112/112A Tank Repair Facility	Low	Assessment	Hazard Undetermined	Ongoing	IRP
267	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building 415 Automotive Service Station	Low	Response	Hazard Undetermined	Ongoing	IRP

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268	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building 7 Locomotive Shop	Low	Response	Hazard Undetermined	Ongoing	IRP
269	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building 78 Automotive Garage	Low	Response	Hazard Undetermined	Ongoing	IRP
270	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building D122 Projectile Overhaul Facility	Low	Assessment	Hazard Undetermined	Ongoing	IRP
271	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building S461 Battery Washing Shed	Low	Assessment	Hazard Undetermined	Ongoing	IRP
272	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Buildings 172 & 418 Battery Charging Shops	Low	Assessment	Hazard Undetermined	Ongoing	IRP
273	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Central Operation Areas	Low	Response	Hazard Undetermined	Ongoing	IRP
274	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Closed Small Arms Range MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
275	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Fill Area MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
276	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Former Emergency Detonation Area	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
277	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Homemade Incinerator MRS	Low	Assessment	Hazard Present	Ongoing	MMRP

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278	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL M-28 Rifle Grenade Range MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
279	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Ordnance Burn Area MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
280	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Outlying Operations Area	Low	Response	Hazard Undetermined	Ongoing	IRP
281	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Rocket Test Range MRS	Low	Response	Hazard Undetermined	Ongoing	MMRP
282	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Salvage Yard	Medium	Response	Hazard Present	Ongoing	IRP
283	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Scrap Metal Landfill	Low	Assessment	Hazard Undetermined	Ongoing	IRP
284	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Small Arms Range II	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
285	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Stormwater and Sewage Systems	Low	Assessment	Hazard Undetermined	Ongoing	IRP
286	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Trap and Skeet Range MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
287	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Waipio Peninsula	High	Response	Hazard Present	Ongoing	IRP

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288	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele Burn Pit/Disposal Area	Low	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
289	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele USTs 50/51	Low	Assessment	Hazard Undetermined	Ongoing	IRP
290	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele, Contaminated Soil, Waipio	Medium	Assessment	Hazard Present	Ongoing	IRP
291	Oahu	Navy, Naval Magazine Lualualei (West Loch Branch)	Waipahu Incinerator/Ash Dump	Medium	Response	Hazard Present	Ongoing	IRP
292	Oahu	Navy, Naval Magazine Pearl Harbor	Naval Magazine Pearl Harbor MMRP	High	Assessment	Hazard Present	Ongoing	MMRP
293	Oahu	Navy, NAVCAMS EASTPAC Opana	Opana (HI1170090053)	Low	Assessment	Hazard Undetermined	Ongoing	Compliance
294	Oahu	Navy, NCTAMS Pacific	NCTAMS PAC NRTF LLL, Antenna 403 Disposal Area	Medium	Assessment	Hazard Present	Ongoing	IRP
295	Oahu	Navy, NCTAMS Pacific	NCTAMS PAC NRTF LLL, Antenna 441 Disposal Area	Medium	Assessment	Hazard Present	Ongoing	DSMOA
296	Oahu	Navy, NCTAMS Pacific	NCTAMS PAC NRTF LLL, Old Coral Pit	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
297	Oahu	Navy, NCTAMS Pacific	NCTAMS, Abandoned Firing Range	Medium	Assessment	Hazard Present	Ongoing	IRP
298	Oahu	Navy, NCTAMS Pacific	NCTAMS, Antenna 354 Disposal Area	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
299	Oahu	Navy, NCTAMS Pacific	NCTAMS, Building 4 Sump	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
300	Oahu	Navy, NCTAMS Pacific	NCTAMS, Building 6 Disposal Site	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
301	Oahu	Navy, NCTAMS Pacific	NCTAMS, Building 65 Disposal Area	Low	Response	Hazard Undetermined	Ongoing	IRP
302	Oahu	Navy, NCTAMS Pacific	NCTAMS, East Gulch Disposal Site	Medium	Assessment	Hazard Present	Ongoing	IRP
303	Oahu	Navy, NCTAMS Pacific	NCTAMS, Former Building 63 Tank	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
304	Oahu	Navy, NCTAMS Pacific	NCTAMS, Sewage Ponds	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
305	Oahu	Navy, NCTAMS Pacific	NCTAMS, Site 18, Transformers 2, 234, and 420	High	Assessment	Hazard Present	Ongoing	IRP
306	Oahu	Navy, NCTAMS Pacific	NCTAMS, Various Transformer Sites	High	Response	Hazard Undetermined	Ongoing	IRP
307	Oahu	Navy, NCTAMS Pacific	NCTAMS, West Gulch Disposal Site	Medium	Remedy Selection Complete	No Hazard	NFA	IRP
308	Oahu	Navy, Pearl Harbor Naval Complex	Building 68 Electric Shop	Medium	Assessment	Hazard Undetermined	Inactive	IRP
309	Oahu	Navy, Pearl Harbor Naval Complex	Building 8 Pearl Harbor Naval Shipyard	Low	Assessment	Hazard Undetermined	Ongoing	IRP
310	Oahu	Navy, Pearl Harbor Naval Complex	Former Public Works Center Industrial Waste Treatment Plant	Medium	Response	Hazard Present	Ongoing	IRP
311	Oahu	Navy, Pearl Harbor Naval Complex	Moanalua Shopping Center	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
312	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Hotel Pier 1 & 4	Low	Assessment	Hazard Undetermined	Ongoing	Navy
313	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Center, Fletragru Firetest Area	Low	Assessment	Hazard Undetermined	Ongoing	IRP
314	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Center, Makalapa Crater	Medium	Assessment	Hazard Undetermined	Ongoing	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
315	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Supply Center	Low	Assessment	Hazard Undetermined	Inactive	IRP
316	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Navy Public Works Center	Low	Assessment	Hazard Undetermined	Inactive	IRP
317	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Sediment Study	Medium	Assessment	Hazard Present	Ongoing	IRP
318	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Shore Intermediate Maintenance Activity	Low	Assessment	Hazard Undetermined	Ongoing	Navy
319	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Aiea Laundry Building 436	Medium	Response	Hazard Present	Ongoing	IRP
320	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-60 Sludge Disposal Pit	Medium	Assessment	Hazard Undetermined	Inactive	IRP
321	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-660 Plating Shore Disposal	Medium	Assessment	Hazard Undetermined	Inactive	IRP
322	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-660 Spent Acid Disposal	Medium	Assessment	Hazard Undetermined	Inactive	IRP
323	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 284 Engine Test Cell	High	Response	Hazard Undetermined	Inactive	IRP
324	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 39 Storm Drain Lines	Medium	Assessment	Hazard Undetermined	Inactive	IRP
325	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 43 Storm Drain Lines	Medium	Assessment	Hazard Undetermined	Inactive	IRP
326	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 472, OPS Department Storage	Medium	Assessment	Hazard Undetermined	Inactive	IRP
327	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, EPMU-6 B-1536 Lab O/W Pit	Medium	Assessment	Hazard Undetermined	Inactive	IRP
328	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Former Transformer J-13	Medium	Response	Hazard Undetermined	Ongoing	IRP
329	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Landing Pipeline	Medium	Response	Hazard Present	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2014

Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
330	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Building 644	Medium	Assessment	Hazard Present	Ongoing	IRP
331	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 11	Low	Assessment	Hazard Present	Ongoing	IRP
332	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 12	Medium	Response	Hazard Undetermined	Ongoing	IRP
333	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 13	Low	Assessment	Hazard Undetermined	Ongoing	IRP
334	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Storm Drain Inlet Release Sites	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
335	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, UST EP-1	NFA	Assessment	No Hazard	NFA	IRP
336	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Open Area Near Building 992	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
337	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Quarry Loch Oil Seepage	Medium	Assessment	Hazard Undetermined	Inactive	IRP
338	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Substation G, Building S-6	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
339	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Transformer Site K-14	Low	Assessment	Hazard Undetermined	Ongoing	IRP
340	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Transformer Site TD-10	Medium	Response	Hazard Present	Ongoing	IRP
341	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Underwater Munitions NDSA	High	Assessment	Hazard Undetermined	Ongoing	MMRP
342	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, UST 1 #1-77, #2-77, #3-77	Medium	Assessment	Hazard Undetermined	Inactive	IRP
343	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, UST BP-1	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
344	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, UST EP-1	Medium	Assessment	Hazard Undetermined	Inactive	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
345	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Various Transformer Sites	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
346	Oahu	Navy, Pearl Harbor Naval Complex	USN Fleet Training Group	Low	Assessment	Hazard Undetermined	Ongoing	Navy
347	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Area North of Building 1754	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
348	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Former Battery Acid Pit	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
349	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Foundry, Building 6, New 03	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
350	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, NSY Transport Yard, New 02	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
351	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Shipyard GSA, Storm Drain Inlet Release Sites	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
352	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Storm/Sanitary Sewer Drain	Medium	Assessment	Hazard Undetermined	Inactive	IRP
353	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Sump Plating Tanks B67	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
354	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, UST 5 & 10	Medium	Assessment	Hazard Undetermined	Inactive	IRP
355	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, UST Locations #11	Medium	Assessment	Hazard Undetermined	Inactive	IRP
356	Oahu	Navy, Public Works Center	PHPWC, Building X24 & Wash Rack X6	Medium	Assessment	Hazard Undetermined	Inactive	IRP
357	Oahu	Navy, Public Works Center	PHPWC, Burn Area Near Pearl City Peninsula	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
358	Oahu	Navy, Public Works Center	PHPWC, Makalapa Landfill Area	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
359	Oahu	Navy, Public Works Center	PHPWC, Oil Reclamation/Incineration (Naval Shipyard)	Medium	Assessment	Hazard Undetermined	Inactive	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY2014								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
360	Oahu	Navy, Public Works Center	PHPWC, Various Transformers	Medium	Assessment	Hazard Undetermined	Inactive	IRP
361	Oahu	Navy, Public Works Center	PHPWC, Various Transformers II	Medium	Assessment	Hazard Undetermined	Inactive	IRP
362	Oahu	Navy, Public Works Center	PHPWC, Wastewater Treatment Plant Waste	Medium	Assessment	No Hazard	Ongoing	IRP
363	Oahu	Navy, Waipio Peninsula	Navy Waipio Peninsula, Herbicide/Fertilizer Mixing Area	High	Assessment	Hazard Present	Ongoing	IRP
364	Hawaii	Army, Corps of Engineers	FUDS Army Impact Range	High	Assessment	Hazard Present	Ongoing	FUDS