

**REPORT TO THE TWENTY-SEVENTH LEGISLATURE
STATE OF HAWAII
2014**

**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
FY2013**

**PREPARED BY:
DEPARTMENT OF HEALTH
STATE OF HAWAII
DECEMBER 2013**

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EXECUTIVE SUMMARY
REPORT ON THE ENVIRONMENTAL RESPONSE REVOLVING FUND
FOR FISCAL YEAR 2013

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.

The report presents an accounting of FY2013 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, Hawaii Emergency Planning and Community Right to Know Act (HEPCRA) Tier II filing fees collected in FY2012 and distributed for FY2013.

ERRF Support to Five Environmental Health Administration Programs

The ERRF funds five Environmental Health Administration (EHA) programs having 33 permanent positions. They are the Hazardous 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. 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 FY2013 was \$1,294,756.04. Total revenue to the ERRF, including the oil tax revenue, was \$3,106,240.55.

Budget and Expenditure

The legislature appropriated budgets for operating expenses and 33 positions to the Environmental Management Division (EMD) (\$1,276,308/\$330,008) and Hazard Evaluation and Emergency Response (HEER) Office (\$1,117,054/2,150,413). EMD distributed moneys to four programs as follows: EMD (\$80,086), CWB (\$292,179), SDWB (\$523,575), and SHWB (\$710,270).

The state expended \$2,882,776 of \$4,873,547 allocated to the five programs. Each year the DOH holds a minimum of \$1,200,000 in reserve pending its use towards a major chemical and/or terrorist related emergency response action.

DOH Oil Tax Revenue Declining

The 5-cent per barrel “environmental response tax” revenue to environmental programs is in decline. For fiscal years 2009, 2010, 2011, 2012, and 2013 oil tax revenue were \$1,589,612, \$1,421,270, \$1,402,836, \$1,314,717, and \$1,294,756.04 respectively.

Hawaii State Response Program Impacted by Federal Budget Cuts

Current ERRF funding does not fully support the state’s response obligation so HEER Office implements this 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 SRP grant, reducing funding for both staff and program activities. The SRP 2014 allocation remained stable at \$980,850, but the cut to the smaller PA/SI grant was \$41,000. The Department anticipates additional cuts to the both grant programs next fiscal year due to this year’s sequester and ongoing belt-tightening for federal budget negotiations.

EXECUTIVE SUMMARY

The Hawaii State Response Program 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 Comprehensive Environmental Response Compensation and Liability Act (CERCLA). HEER has identified nine Hawaii sites for possible listing under the federal Comprehensive Environmental Response Compensation and Liability Act (CERCLA).

Secondly, the FY2013 HSRP Chemical Release Notification Log lists 361 hazardous substance and petroleum release notifications managed by the HEER Office State On-Scene Coordinators (SOSCs). HEER identified 251 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 four hundred and sixty seven active sites under direct DOH oversight in the various State programs. This includes 62 new sites added during the last fiscal year, and 51 sites with known or suspected contamination that received No Further Action determinations.

Finally, the Hawaii State Response Program DSMOA Program List of Priority Sites presents a list of 342 military sites in Hawaii for which SDAR provides

oversight. This includes 12 new DSMOA sites and 27 sites with known or suspected contamination that received No Further Action 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). 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 Seventh 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 Hazardous 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 spill and hazardous substances releases.
2. Oil spill planning, prevention, preparedness, education, research, training, removal, and remediation.
3. Direct support for county used oil-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 ranging from issuing orders to noncompliant parties, to 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's Oil Recycling Program. 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 FY2013, there were no de minimis settlements.

Five Environmental Health Program Budgets

The legislature appropriated budgets for operating expenses and 33 positions to the Environmental Management Division (EMD) (\$1,276,308/\$330,008) and Hazard Evaluation and Emergency Response (HEER) Office (\$1,117,054/2,150,413). EMD distributed moneys to four programs as follows: EMD (\$80,086), CWB (\$292,179), SDWB (\$523,575), and SHWB (\$710,270).

The state expended \$2,882,776 of \$4,873,547 allocated to the five programs. Each year a portion of the DOH holds a minimum of \$1,200,000 in reserve pending its use towards a major chemical and/or terrorist related emergency response action.

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: 2009 (\$1,589,612), 2010 (\$1,421,270), 2011 (\$1,402,836), 2012 (\$1,314,717), and 2013 (\$1,294,756).

Environmental Response Revolving Fund Revenue – FY2013

<u>Description</u>	<u>Revenue</u>
HTH 849-342 and HTH 840-339	
ENVIRONMENTAL RESPONSE TAX	1,294,756
FEES, FILING OF CHEMICAL INVENTORY FORMS	85,200
FEES, VOLUNTARY RESPONSE ACTIONS	47,112
SALE OF SERVICES	10,000
RENTAL OF QUARTERS	200
REFUND/REIMBURSEMENT OF PRIOR PERIOD EXPENDITURES	17,089
VIOLATIONS OF AIR POLLUTION CONTROL REGULATIONS	322,500
VIOLATIONS OF HAZARDOUS WASTE REGULATIONS	776,160
VIOLATION OF WATER POLLUTION REGULATION	207,789
VIOLATION OF FOOD AND DRUG REGULATIONS	333,334
COMMUNITY NOISE CONTROL	<u>12,100</u>
TOTAL	3,106,241

Environmental Response Revolving Fund Expenditure – FY2013

	<u>Appropriation</u>	<u>Allocation</u>	<u>Expenditure</u>
HTH 849-342 and HTH 840-339			
PERSONNEL	4,543,539	4,543,539	2,316,052
OPERATIONS	2,183,421	2,183,421	556,232
EQUIPMENT	<u>-</u>	<u>-</u>	<u>10,492</u>
TOTAL	6,726,960	6,726,960	2,882,776

HTH 849-342 Environmental Response Revolving Fund Budget and Expenditure - FY2013

	<u>Appropriation</u>	<u>Allocation</u>	<u>Expenditure</u>
HTH 849-342 (HEER Office)			
A Funds	1,117,054	1,117,054	1,095,276
B Funds	2,150,413	2,150,413	511,869
C Funds			<u>10,492</u>
Total	3,267,467	3,267,467	1,617,637

Positions

- 1 Toxicologist I, SR 26
 - 1 Planner V, SR 24
 - 1 Epidemiological Specialist IV, SR 22
 - 2 Env. Health Specialist V, SR 24
 - 6 Env. Health Specialist IV, SR 22
 - 1 Env. Health Specialist III, SR 20
 - 1 Secretary II, SR 14
 - 1 Office Assistant III, SR 08
- 14

HTH 840 339 Environmental Response Revolving Fund Budget and Expenditure - FY2013

	<u>Appropriation</u>	<u>Allocation</u>	<u>Expenditure</u>
HTH 840-339 (EMD, CWB, SDWB, SHWB)			
A Funds	1,276,072	1,276,072	1,220,776
B Funds	330,008	330,008	44,363
C Funds	-	-	<u>-</u>
Total	1,606,080	1,606,080	1,265,139

Positions

- EMD HTH 840-FE 339 1 Information Technology Specialist V, SR 24

 - EMD CWB HTH 840-FG 339 1 Information Technology Specialist IV, SR 22
 - 1 Env. Health Specialist IV, SR 22

 - EMD SDWB HTH 840-FH 339 1 Geologist II, SR 28
 - 2 Geologist I, SR 24
 - 1 Env. Health Specialist IV, SR 22
 - 1 Office Assistant III, SR 08

 - EMD SHWB HTH 840-FJ 339 2 Env. Engineer IV, SR 24 (SW)
 - 4 Env. Health Specialist IV, SR 22 (3-HW, 1-LUST)
 - 4 Env. Health Specialist III, SR 20 (1-LUST, 3-UST)
 - 1 Office Assistant III
- 19

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

Environmental Response Revolving Fund (ERRF) HEP CRA Budget Report

In compliance with Chapter 128E, HRS, Hawaii Emergency Planning and Community Right-to-Know Act (HEPCRA), this annual report to the Twenty Seventh Legislature, State of Hawaii, 2013 presents the accounting of Tier II fee amounts as follows:

- Amount collected during the preceding fiscal year.
- Amount collected to date during the current fiscal year.
- The amount estimated to be collected during the upcoming fiscal year.

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 HEP CRA 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 HEP CRA 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 LEPCs for operating expenditures. The amount distributed to the LEPCs during any fiscal year may not exceed the amount in fees collected during the previous fiscal year. Tier II filing fees were collected and distributed as noted in the table below to the LEPCs after deductions for the Hawaii State Emergency Response Commission (HSERC) operating expenses.

As of June 30, 2013, there are 793 qualifying Tier II facilities. Military facilities are exempt from payment.

The amount of projected fees collected in FY2014 is likely to increase. The HSERC, LEPCs, and HEER Office are continuing efforts to identify and contact possible non-reporting facilities.

Community Outreach

In FY2013, the HEER Office, at the request of HSERC and the LEPCs, published a tri-fold HEP CRA informational flyer intended to reach out to businesses that may not be aware of their obligation to report annually on their hazardous chemical use, storage, or manufacturing. The flyer is currently available at city and state licensing and permitting offices.

Tier II Filing Fees Collected and Distributed – FY2013

	<u>Amount Collected</u>	<u>Amount Distributed</u>	
FY 2010	76,000	67,908	
FY 2011	72,750	70,813	
FY 2012	83,300	72,556	
FY 2013	85,000	63,363	
FY 2014 (through to Oct-1)	1,700		
FY 2014 projection	87,000		

<u>County</u>	<u>Funds Distributed to LEPCs</u>	<u>Number of Qualifying Facilities</u>	
		Public Sector	Military
Honolulu	27,721	413	30
Hawai'i	15,739	208	4
Maui	11,824	172	3
Kauai	8,079	107	5
Total	63,363	900	42

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FIVE KEY ENVIRONMENTAL HEALTH ADMINISTRATION ENVIRONMENTAL PROGRAMS

The ERRF funds five Environmental Health Administration (EHA) programs having 33 permanent positions. They are the Hazardous 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 14 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 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 and technical assistance to other agencies 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:

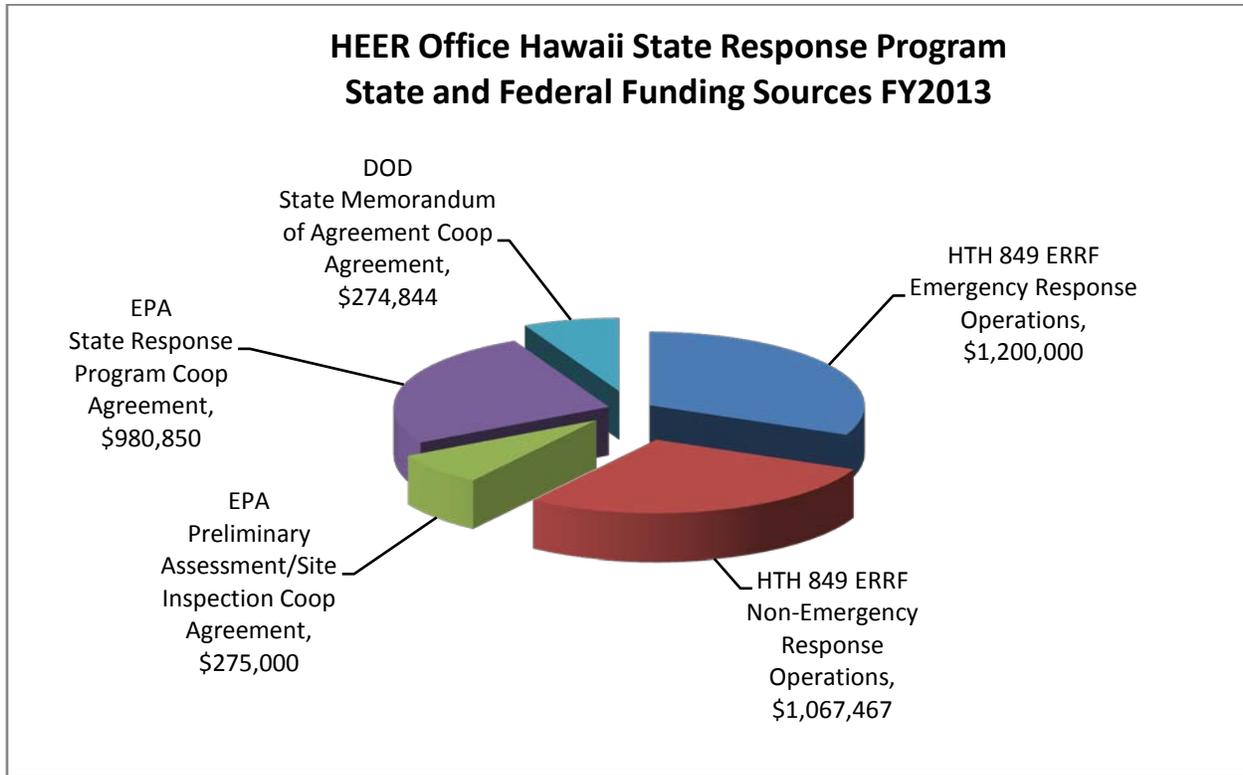
- Emergency response to releases of hazard substances and/or petroleum that pose an imminent danger to people or the environment.

- Non-emergency response actions on properties presumed or know to pose a risk to human health and/or the environment presumed contaminated with hazardous substances or petroleum.
- Identification and inspection of sites storing and using hazardous and extremely 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 rules 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 DSMOA Cooperative Agreement. Together, these federal programs provided over 40% of the HSRP funding in FY2013.



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 2013 and 2014 grant awards have stabilized at \$980,850, a decline of \$320,000 over the 2010 SRP grant. Stability of this funding for future years is unknown.

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

The EPA Preliminary Assessment/Site Inspection Partnership Agreement between the State and EPA Region 9 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 \$275,000 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. Funding for this grant in 2013 was cut 18% to \$225,000.

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

HEER Office participates in two federal cleanup programs. The office performs 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 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.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

For FY2013, the state's reimbursement under DSMOA was \$274,844. Due to the federal shutdown, oversight activities on two DSMOA funded programs were suspended for two weeks, and reimbursements for earlier work were delayed.

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. 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 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, 2008 until April 30, 2013. In addition to the University of Hawaii analyzing unknown substances, 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. This fiscal year, HEER Office recovered \$93,152.34. HEER Office mechanisms for the cost recovery are:

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

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 Coordinators (SOSCs) personnel costs, paid from the General Fund, 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 and preparing for, and responding to releases of a hazardous substance and/or oil 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/BC 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.

Notable among the spill responses during FY2013 are the following:

Kaiser Moanalua Diesel Fuel Cleanup

Case No 20121001-0945: On October 1, 2012, a pump failure led to an overflow of approximately 2,800 gallons of diesel fuel no. 2 with red dye from a day tank associated with the Kaiser Moanalua Medical Center's emergency generator system. Fuel traveled to a vent pipe, down to a storm sewer, and down to a storm water channel into Moanalua stream behind Moanalua Valley golf course for approximately 1/4 mile.

Throughout the month of October, response teams used absorbent materials including booms and pads, a vacuum truck, and vacuum pumps. Honolulu Board of Water Supply used hydrants to flush the drains following the path of the spill to recover residual fuel. A sheen was still observed in the streambed due to trapped diesel in the soil, rocks and vegetation. The response team completed excavation and cleanup within a month. Disposal of materials included fifty-nine drums of spent absorbent materials and approximately 208 tons of soil, rocks, and vegetation.



Maunalua Stream Diesel Fuel Cleanup

Kahuku Wind Farm Structural Fire

Case No 20120801-1356: On August 1, 2012, the Battery Energy Storage System (BESS) building burned, releasing smoke and combustion by-products from approximately 420 batteries, and electrical distribution equipment and building components.

Comprehensive soil, surface, and air sample results indicate that contamination remained in the building. Downwind and surroundings were not exposed to harmful contaminants from the event. HEER Office oversaw the environmental cleanup resulting from the fire until May 7, 2013.

Kahuku Residence Fire

Case No 20130207-0940: On February 7, 2013, a home in Kahuku located at 56-370 Kekauoha Street caught fire. The homeowner was an amateur mechanic and had his garage full of equipment, spare parts, several compressed gas cylinders, used oil, and anti-freeze bottles.

The garage was destroyed in the fire and the used oil and anti-freeze was released and flowed into a storm drain. Absorbents were used to clean up as much as oil and anti-freeze as possible.

The fire damaged compressed gas cylinders that originally contained acetylene and oxygen. HEER staff checked the cylinders for structural damage and confirmed to be empty and later properly disposed of.



Kahuku Wind Farm Structural Fire



Kahuku Residence Fire Damage

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

Alan Davis Beach Abandoned Compressed Gas Cylinder

Case No 20130209-1400: On February 9, 2013, an unidentified compressed gas cylinder was discovered off a hiking trail near Alan Davis Beach. The cylinder was inspected but the contents could not be identified due to corrosion. The valve was still operable and the cylinder was determined to be empty. The cylinder was removed from the beach and properly disposed of.

Princeville Water System PCB Contamination

Case No 20130304-0700: As part of a September 2012 routine laboratory analysis of drinking water samples collected from the Princeville water supply system, the State of Hawaii Department of Health Laboratories Division noted that minute trace amounts of Aroclor 1254, a polychlorinated biphenyl (PCB), may have been present in a water sample. Further investigation of the water supply system revealed the presence of an oily sheen floating on the water in a 1.5 million gallon reservoir tank and foreign material along the inside tank wall, both containing PCBs.

With the Safe Drinking Water Branch (SDWB) as the lead agency, HEER Office issued a "Letter of Interest" to Princeville Utilities Company, Inc. SDWB, HEER Office, and the U.S. Environmental Protection Agency, are overseeing the cleanup of the tank and any impacted surroundings. To date, safe drinking water is served to the community for consumption.

Kahuku Wind Farm Oil Spill

Case No 20130309-1500: Oil spilled from a transformer on March 9, 2013 when the Kahuku Wind Farm was undergoing clean-up response actions resulting from the August 1, 2012 fire and was not operational. During an oil transfer from a transformer to a transfer tank, approximately 100 gallons of FR3 vegetable oil released onto a gravel pad. Absorbent pads were used to contain the spill. Oil-impacted gravel and soil was excavated, and disposed of at PVT Landfill.



Alan Davis Beach Abandoned Cylinder



Princeville Water Supply Contamination



Kahuku Wind Farm Oil Spill

Hazard Evaluation Actions and Studies

Ecological and Human Health Risk Key Studies

HEER Office Hazard Evaluation 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 FY2013, 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 pollutions 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.

A HEER/UH MOA for Arsenic and Mercury Biomonitoring Research

The HEER Office has a cooperative research agreement with the University of Hawaii to evaluate arsenic and mercury exposures in women and children attending the Women, Infants, and Children (WIC) Supplemental Nutrition Program. The primary project objective is to assess exposure to mercury from fish consumption in children and women attending WIC clinics. An additional objective is to develop background information on arsenic hair levels in people with no known sources of environmental exposure other than dietary.

To date, a total of 238 children and 415 adults have been tested for mercury. The Environmental Protection Agency (EPA) recommends that hair mercury levels should be less than 1.2 part per million (ppm) for women who are pregnant and young children. This hair level has a 10-fold safety factor. The results showed that 43% of the women and 19% of the children exceeded EPA's recommended hair level for mercury. All participants

had hair mercury levels less than 12 ppm, the lowest concentration that has been associated with harmful effects on the developing brain.

For arsenic, 262 adults and 124 children had their hair tested for arsenic. HEER submitted a report to the Environmental Protection Agency in January 2013. Hair arsenic levels in the WIC participants were within the range found in other studies with no known sources of environmental exposure.

The average arsenic hair level in children of 230 ppb was higher than the adult hair level of 89 ppb. Five children exceeded the 1000 ppb level of concern, but no common risk factors were identified. In children, age and ownership of pets were significantly associated with arsenic hair levels. In adults, ethnicity and ancestry were associated with hair levels, with Asians lower than Hawaiian Pacific Islanders and those reporting multiple races. The factors influencing hair levels in adults of different races are unknown.

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 US Center for Disease Control and Prevention. Hawaii receives \$10,000 annually to provide blood lead reports for adults age 16 and older to the National Institute for Safety and Environmental Health. 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 DOH Hazard Evaluation and Emergency Response (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. Education materials have been provided to all physicians testing women of childbearing age for mercury.

Site Discovery, Assessment, and Remediation

Reclaiming Contaminated Properties

The HEER Office continues to prioritize its operations to focus resources on major threats to human health and the environment. For FY2013, 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.

Programmatic Approaches to Managing Areawide Contamination

The HEER Office has developed a Programmatic Environmental Hazard Management Plan (EHMP) for the Iwilei Area, bordered by Waikamilo Road, Dillingham Boulevard, River Street, and Nimitz Highway. The EHMP focuses specifically on widespread petroleum related contamination in the area and provides guidance to any entity doing intrusive work to ensure protection of workers, tenants, and the environment.

The HEER Office is currently working on expanding the area that is covered to include areas makai of Nimitz Highway (e.g.- Honolulu Harbor) Once a master template has been created for programmatic EHMPs, the HEER Office intends to apply them on other areas where widespread contamination is suspected throughout the islands (e.g. Hilo Harbor and Honolulu International Airport)

Clear Guidance for the Regulated Community

Hawaii's environment is very different from the mainland. Environmental site guidance that reflects local conditions and the best available science is essential to ensure that risks are identified and managed appropriately and efficiently in our island environment. Hawaii has led the way with state of the art investigation techniques to accurately assess contamination and reduce sampling costs.

In 2013, HEER used federal funding to write and improve several sections of our Technical Guidance Manual (TGM). The TGM is a constant work in progress. Information is added or updated as HEER performs field investigations, receives comments from Hawaii's scientific community, or learns of new technology. The complete Technical Guidance Manual is found at <http://www.hawaiidoh.org/tgm.aspx>

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. In 2013, focus areas included development of new guidance for ecological risk, and studying environmental risks resulting from elevated arsenic concentrations in sediment at Waiakea Pond on the Big Island.

Supporting Redevelopment and Construction using Environmental Hazard Management Plans

Given the economic recovery in Hawaii, development activities on brownfields sites have increased significantly in 2013. In addition to receiving new sites into the state inventory, HEER worked closely with property owners and developers to ensure construction activities that could disturb residual contamination on site were properly managed in accordance with existing or construction-specific Environmental Hazard Management Plans.

HEER Newsletter

In 2013, HEER Office continued to reach out to the public through the HEER Newsletter, publication of updated guidance, an updated website with a "What's New" section for current events, and multiple joint training events designed to expand technical capacity and general understanding of environmental cleanups. Dr. Roger Brewer of the Hazard Evaluation Section offered additional technical trainings throughout the year. He visited community meetings, military offices, and consulting firms to train them on environmental hazard evaluation, using environmental action levels to close sites, and/or proper multi-incremental sampling methodology.

The latest news is available on our updated website at: <http://hawaii.gov/health/environmental/environmental/hazard/index.html>

The latest HEER Newsletters and the training calendar can be found at <http://hawaii.gov/health/environmental/environmental/hazard/events.html>

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 be underutilized due to the cost of investigating and cleaning up 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 and partnership 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> or by calling the HEER Office at 808 586-4249.

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.

These funding opportunities, however, are growing scarcer due to increased competition nationwide and decreasing federal funding. A cleanup grants of \$400,000 was awarded to the Office of Hawaiian Affairs Hawaii to address known contamination on Kaka'ako property given to OHA as part of the of the 2013 ceded lands settlement. In 2013, DOH hosted two events to encourage potential grantees to apply for grants.

RePower America Online Mapping System Populated with HSRP Site Data

HEER Office and US EPA partnered on the RePower America program. Data on state sites is used to populate the powerful and innovative nationwide mapping tool used for green energy redevelopment sites. RePower America provides online mapping tools for sharing information about contaminated properties that could be safely re-purposed to site renewable energy projects statewide.

Using site data in this way brings high value uses to these properties, offering a sustainable alternative to use of undeveloped or agricultural lands.

In 2013, HEER Office brownfields data will be an integral part of EPA's RePower America Program and the Hawaii Energy Office EnerGIS Tools.

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.

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. Making information about brownfield sites easily available to the public and to potential developers is a key element of our Brownfields Program.

Hawaii Brownfields Inventory

In 2013, HEER staff completed Phase 1 of the Hawaii Brownfields Inventory, assembling 426 sites across the state of Hawaii having high redevelopment potential and known or suspected contaminant concerns. In addition to properties already known to DOH as part of its List of Priority sites, the Brownfield Inventory includes sites identified by local Counties that have high redevelopment potential.

The inventory provides information to community development agencies, prospective purchasers, and developers. In addition, potential applicants applying for brownfields grants and loans may access historical investigation and cleanup data.

Site-specific data include detailed maps, type of ownership, historical property use and potential contamination, available cleanup information, current site condition, site closure type, and land use restriction or if there is EHMP in place. In some cases, site-specific data are not yet publicly available because DOH is in the process of seeking owner's approval to include properties. In 2014, we expect to make the Brownfields Inventory available on line so that it may be easily accessed directly by interested parties.

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

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

investigation and cleanup activities. Clearly, this tested partnership approach results in more successful and timely cleanups, while conserving fund monies. In 2013, 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 sites conduct cleanup actions under Voluntary Response Program Agreements with the HEER Office. These sites include high priority sites such as Honolulu Harbor, GASCO, Actus Lendlease, Honolulu Wood Treatment Company, Former Foremost Dairies, and Costco Maui Gas Station.

Prospective Purchasers enter agreements with the HEER Office to seek liability protections under the state's Voluntary Response Program. All such parties pay cost reimbursement for state oversight services into a site-specific account, with funds returned to the ERRF after completion of the project.

Honolulu Rail Transit Project

Although construction was halted through most of FY2013, the HEER office continued to provide regulatory oversight of the Honolulu Rail Transit Project (H RTP) for the Honolulu Authority for Rapid Transportation (HART). The H RTP will include utility relocations, 20 miles of guide way, 21 stations, and several park and rides.

Much of the construction will occur through large areas of known contamination and requires proactive, advanced planning before ground can be broken. Even while major construction was halted, HEER staff continued to work with HART so construction in these areas is managed safely and cost effectively and future users of the site will be protected. Similarly, our harbors are constantly being improved, with ongoing capital improvements projects planned in areas affected by historic petroleum spills.

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.

HEER jumps in to expand Public Outreach on Private Properties with Unexploded Ordnance

Since July 2012, HDOH and the US Army Corps of Engineers (USACE) collaborated on 30+ events to inform and bring awareness to the public of the dangers associated with munitions in the area. Through this outreach program HDOH and the USACE has provided awareness and a protocol (if suspicious items are found) for the residents and visiting guest of the South Kohala area.

Despite extensive public outreach efforts by the Corps of Engineers to gain access to hundreds of private properties that require investigation and cleanup of unexploded ordnance (UXO), hundreds of property owners have either not responded or denied the Corps access to their properties. Because Department of Defense cannot take action until granted access, needed cleanup could not take place and very real risks remain from hidden unexploded ordnance around their homes and properties.

In 2013, HEER Office has made it a priority to resolve these right-of-entry denials, spending time in local communities and working directly with affected property owners to build understanding and trust to help them avoid dangerous cleanup delays.

The Waikoloa Maneuver Area site encompasses approximately 120,000 acres of land in the North Kohala/Waimea/Kamuela area. The HEER Office has been proactive in engaging emergency responders, local authorities, residents to apprise them of the hazards that exist in the region and meet frequently with these parties to inform them of all actions taken by the Corps of Engineers.

In June 2013, the HDOH assisted the USACE in clearing of potential munitions from the Sandalwood subdivision. Prior to the event, HDOH was essential in coordinating the USACE with all State, County agencies, and numerous community action groups involved. Through numerous door-to-door, phone calls, emails, newsletters, flyers, and subdivision community meetings HDOH was able to obtain 98% of the Right-Of-Entry (ROE's) to the properties located in the Sandalwood Subdivision.

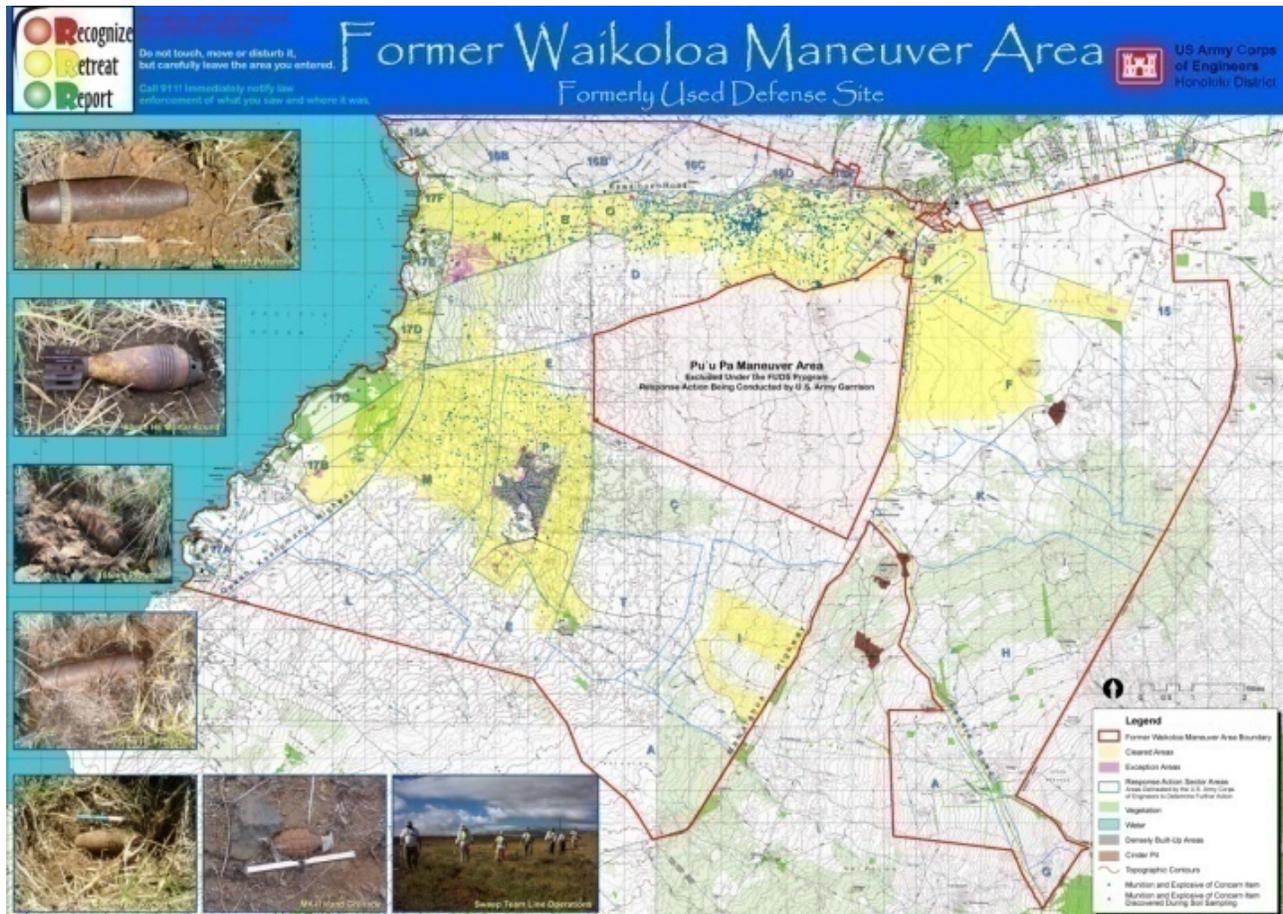
The second momentous task was to coordinate a rotational evacuation for all of the residents within a 3-day period so the USACE could conduct subsurface investigations for military munitions and explosives to ensure the safety for all residences of the Sandalwood subdivision. Kawaihae Road is a major through fare that connects the north side of the island to the shipping port of Kawaihae Harbor.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

The Hawaii County Police Department, Hawaii County Fire Department, State Highways Division, Kohala Traffic Board, and the Hawaii County Civil Defense conducted meetings to address area and resident concerns and identify any issues that may arise during the operation. As a result, traffic delays were below 15 to 20 minutes and no other issues surfaced. Information via newsletters, flyers, community meetings, public notices, and radio announcements was distributed to local residents and businesses that use Kawaihae Road on a daily basis. The three-day field operations for subsurface

investigations of the residences went flawlessly. Residents of the Sandalwood subdivision can now rest assured their yards and gardens are safe.

The HEER Office also works closely with DLNR and other agencies that have properties affected by UXO. In 2012, after extensive facilitated negotiations and careful oversight, the Corps completed the UXO assessment at Ahihi Kinau, a fragile and unique marine anchiline ecosystem on Maui, requiring special care during the munitions investigation to avoid disruption of its unique environment.



Waikoloa Maneuver Area Site

Voluntary Response Program Key Oversight

The Voluntary Response Program (VRP) encourages voluntary cleanup of contaminated properties. 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, 33 contaminated properties have been enrolled in the VRP program. Of these, DOH has issued 24 LOCs for 22 sites, closed one site with an NFA determination without liability relief, and seen three sites withdraw from the program.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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.

An LOC was issued this year for Former Foremost Dairies. 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>

The Fast Track Program currently has two sites under agreement (Miramar Hotel and Marine Corps Base Hawaii Athletic Field). Agreements for an additional two sites are pending. 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.

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 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 2013, we used contract expertise to develop tropical ecological risk assessment guidance, to test XRF field methods for rapid detection of elevated arsenic concentrations in soil and conducted Contaminant Awareness Training programs statewide to alert

construction workers about contamination hazards they may encounter at job sites.

Animal Studies to Better Understand Arsenic Risks from Hawaiian Soils

Arsenic Bioavailability (Swine) and Bioaccessibility Assays completed on five types of Hawaiian soils. Additional complementary studies on these five soils plus another three Hawaiian soils were also provided. Arsenic bioavailability was low in all soils tested. A presentation and discussion on the testing results will take place in Honolulu in mid-November 2013. This data adds to our cumulative lines of evidence on arsenic bioavailability in Hawaii.

Sites Discovered

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 Offices uses federal funding to locate and samples properties that may have invisible contamination that could cause harm, particularly in the event of residential redevelopment.

The focus areas for fiscal years 2012-14 are historic pesticide mixing, storage, and loading areas. In 2012, 12 sites were evaluated; one, the Kilauea Kauai Pesticide Mixing Area site resulted in a federal emergency response action, two have active investigations underway by property owners, and six have residual contamination that can be safely managed in place with permanent caps and appropriate use controls. Through historic research, the HEER Office has discovered and investigated 59 sites statewide through the Site Discovery program.

High Priority Sites

A key role of the Department of Health 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 2013, there are 101 high priority sites in the Hawaii State Response Program. Three examples of major progress on high priority sites are described below:

Waiakea Pond Arsenic Investigation

The Waiakea Pond arsenic evaluation fieldwork was completed in August and early September with the assistance of DLNR staff, a graduate student from University of Hawaii at Manoa, HEER Office staff, and contractor support. Samples analyzed include two species of fish, one species of crab, algae, and Multi incremental Sampling (MIS) of sediment from five areas of the pond. Sample data will allow a screening level

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

evaluation of both human health risk from fish and crab consumption, as well as ecological risk to certain target species in the pond.

Pesticide-Impacted Soil Cleanup at Hickam Communities Military Housing

Demolition and renovation activities at Hickam AFB military housing neighborhoods in 2007-2008 resulted in the mismanagement of soils contaminated with termiticides used historically under home foundations. These contaminated soils were improperly used in yards as surface soil, resulting in potential health risks to residents in impacted areas. In response to potential health risks posed by those PI surface soils, HDOH required three Removal Actions in 2010 to replace PI soil with clean topsoil in impacted areas.

HDOH entered into a Voluntary Agreement for Environmental Response Actions with the responsible party in 2011 to design and implement a remedy to address long-term risks posed by remaining subsurface PI soils. The Response Action Memorandum went out to public comment in summer 2012 and HDOH approved the remedy selection in October 2012. In addition to the soil removal actions previously completed, the remedy required implementation of a detailed Environmental Hazard Management Plan to ensure safe, long-term management and monitoring of impacted soils.

HDOH is currently evaluating required post-cleanup reporting to determine the effectiveness of the remedy, and expects to be able to issue a No Further Action with Institutional Controls determination in 2014.

BHP GASCO Benzene Site, Oahu

Active remediation using in situ Chemical Oxidation (ISCO) is still in order at the highly contaminated GASCO site in the Iwilei District, as Weston implements the Response Action Memorandum approved by DOH in August 2011. The remedy relies on injections of hydrogen peroxide and persulfate to safely degrade benzene and other contaminants, and has contingencies in place to prevent offsite migration. The long-term solution includes engineering and institutional controls to ensure long-term protectiveness.

DOH is carefully monitoring the cleanup. A second injection phase was deemed warranted to address persistent areas and approximately an additional 500,000 lbs of hydrogen peroxide will be injected during the latter part of 2013. Sodium persulfate is the oxidant used along the borders of the property to prevent offsite migration. The remedy requires intensive monitoring at the site to evaluate changes in subsurface conditions,

guard against migration of contaminants offsite and track long-term effectiveness.

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 1,016 state sites have been identified and investigated by the SDAR section. 66 of these sites were added in 2013 because of both active site discovery and statewide redevelopment activities. 416 state sites remain open at the end of FY2013 and are being assessed for future action.

IDPP Enforceable Agreement for Areawide Contamination

The Iwilei District Participating Parties (IDPP), LLC, has completed intensive investigation and early cleanup actions for their areas of responsibility in Honolulu Harbor. Public participation and remedy selection is complete for most major Operable Units, and the final Removal Action Report is expected for OU1A in early 2013.

IDPP is in the process of implementing the institutional and engineering controls required to ensure long-term protectiveness of the remedies for future generations and the nearby marine environment. Notable milestones by Iwilei District Participating Partners (IDPP) include:

- Completion of a complex storm drain investigation under Nimitz Highway in an area of known historic releases to Honolulu Harbor: Plans are in place to complete all required storm drain investigations in the Nimitz Highway OU2 area by the first quarter of 2014.
- Revision to the Emergency Response Plan to improve coordination and rapid response to unexpected releases of petroleum in the Operable Units:

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

- Development of communication and training materials for tenants, contractors, utility companies and other planning construction activities within the Operable Units: The 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.
- Development of a Programmatic EHMP that addresses contamination not covered by the Operable Units and intended to facilitate DOT construction projects in the area.

Work is now focusing on development of appropriate policies to ensure long-term effectiveness of the institutional controls needed to manage residual contamination. Site specific Environmental Hazard Management Plans (EHMP) are being developed for the individual Operable Units to establish monitoring requirements, use restrictions and soil management protocols required to maintain remedy protectiveness.

The landowner (DLNR) and land manager (DOT-Harbors) agreed upon a Uniform Environmental Covenant Act (UECA) OU1C deed restriction to ensure safe long-term management of residual contamination through restrictions on the use of the property and safe management practices.

Assessment Begins for New Kapalama Container Yard at Honolulu Harbor Piers 39-50

DOT Harbors has been working closely with DOH to simultaneously investigate residual contamination and complete complex construction pre-planning for the 60 acre Kapalama Container Facility planned on the site of the former Kapalama Military Reservation in Honolulu Harbor.

Planned Hilo Harbor Pier 4 Cargo Container

DOT Harbors is also hard at work on a new container facility in Hilo Harbor. The investigation is complete and HEER Office has approved the Environmental Management Plan. Construction will begin November 4, 2013 and is expected to last one year.

Environmental Concerns at Hilo Harbor

In late 2012, the HEER Office became aware of historic oil contamination findings at the harbor that highlighted the need for detailed environmental site evaluation and planning before the planned Pier 4 development work. The HEER Office issued a Letter of Interest in October, 2012 to current and past operators in the harbor area

(e.g. major oil companies and HELCO) requesting all available environmental information about historic pipelines, releases of petroleum, or information on other contaminants in the harbor.

DOT Harbors then completed a detailed historic review and additional sampling needed to develop an Environmental Hazard Evaluation Report. HEER approved a Sampling and Analysis Plan for collecting additional environmental data and a Construction Environmental Hazard Management Plan to safely manage and remediate any historic petroleum impacted soils discovered during construction.

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. This sheet-piling barrier will be installed after completion of the Cargo Yard area.

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 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 HELCO who operate the major oil pipelines and terminals in the area.

Lowe's Iwilei

The Lowe's store has been operating for over a year now after extensive remediation of the former Conoco Phillips terminal. Required soil vapor and groundwater monitoring has been performed for the past two years with no appreciable amount of contamination being detected.

Negotiations are ongoing to transfer monitoring well sampling over to Weston Solutions for the wells alongside the Pacific Street border of the property. It is likely HEER will sign a VRP Letter of Completion and an environmental covenant in early 2014.

Expanded Area wide contamination in Honolulu Harbor

Areawide contamination is known to exist throughout Honolulu Harbor. As discussed above, IDPP is investigating and remediating properties within their Operable Units. Independent investigations and cleanups of contamination at other properties, such as Lowe's, GASCO and current and former terminals are underway. However, data now available from multiple sources in the area, as well as utility construction work in

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

roadway areas, strongly suggest the presence of comingled petroleum contamination affecting a larger area.

In 2012, HEER sent out Letters of Interest to former owners and operators of pipelines and historic industrial activities in the area. Of particular interest to the

Department are Army pipelines, former cannery operations, and terminal activities in the area. HEER established a Programmatic EHMP for the Iwilei Area as a contingency to for beginning additional extensive investigations in the area.

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.

Major milestones accomplished in FY2013 included the establishment of a segmented network environment.

The network manager migrated all branch offices to new Vlan network segments to reduce traffic and increase bandwidth.

The Division's anti-virus server was upgraded and the Division Windows Update server was upgraded and virtualized. The network manager also coordinated the migration of the EHA websites to the new State Word Press Web Server. The Network Administrator also provided support to various IT projects including, the HEER Time and Effort System, SDWIS-State, and the WWB OneStop application.

Safe Drinking Water Branch (SDWB) Protection of Drinking Water

During FY2013, SDWB focused five 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 FY2013, the Safe Drinking Water Branch (SDWB) continued to respond to inquiries by individuals using rainwater catchments systems on a wide variety of subjects. 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.

Assistance to Owners and Users of Residential Rainwater Catchments 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.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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 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 to two Clean Water Branch (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 FY2013 operational funds.

Solid and Hazardous Waste Branch (SHWB) Waste Management Protection

ERRF funding was appropriated to eleven Solid and Hazard Waste Branch (SHWB) staff positions and for operational costs. In FY2013 one staff funded by the ERRF was on military leave. During FY2013, ten 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 Solid and Hazardous Waste Branch (SHWB) provides oversight of contaminated facilities undergoing remediation and ongoing ground water monitoring (Chevron Refinery, Tesoro 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 Baseyard was issued a

permit in 2011 to store hazardous waste mixed with low-level radioactive waste. The other facility is the DRMO/Navy Conforming Storage Facility that is permitted for long-term storage of hazardous waste prior to disposal on the mainland. This facility will be reissued a permit in 2014.

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

The Department receives approximately 6-7 new applications annually for used oil transporters and processors. Renewal of expiring permits 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. The Solid Waste Engineer is responsible for permitting and monitoring solid waste management facilities including municipal solid waste landfills.

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 four

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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 one-hundred-forty-one.

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 30 used oil related complaints this calendar year.

Inspection of Underground Storage Tank Facilities

SHWB staff conducted 400 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 Company, an active wood treatment facility is currently undergoing a combination of a Resource Conservation and Recovery (RCRA) Subtitle C corrective action and voluntary cleanup.

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128D RESPONSE PROGRAM SITE LISTS 2013

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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.

List of EPA NPL Sites - FY2013			
	<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 US EPA for removal from eligibility.

List of Sites Eligible for Possible Listing Under EPA CERCLA - FY2013			
	<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 FY2013 Release Notification Log lists 361 hazardous substance and petroleum release notifications managed by the HEER Office State On-Scene Coordinators (SOSCs). 251 cases were directly related to the release of petroleum related substances.

HEER Office SOSCs performed direct oversight on 20 cases requiring on-site visits or off-scene coordination. Nine cases were referred to other agencies.

HEER Office Emergency Response Actions - FY2013

<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>
361	251	110	On-site: 20 Off-site: 4	To HEER SDAR: 12 To Other Agencies: 9

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HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
1	Hawaii	Hilo	HELCO grounding transformer #70L9352 release (pad-mounted)	20130312-1036	Transformer Oil	Soil
2	Hawaii	Hilo	HELCO OIL SPILL EXERCISE	20121029-0800	Exercise	Ocean
3	Hawaii	Hilo	HELCO Pole 13 transformer spill	20130402-1220	Transformer Oil	Soil/grass
4	Hawaii	Hilo	HELCO tank 6 failure	20120705-1441	Transformer Oil	Soil
5	Hawaii	Hilo	HELCO transformer pad-mounted #8994 release	20121116-1254	Transformer Oil	Soil
6	Hawaii	Hilo	HELCO Truck H182 Hydraulic Hose release	20120830-0939	Mineral Oil	Asphalt
7	Hawaii	Hilo	HELCO vehicle hydraulic oil release	20120912-1200	Hydraulic Oil	Asphalt
8	Hawaii	Hilo	Hydraulic Oil Contaminated Soil in Hilo	20130613-1200	Hydraulic Oil	Soil
9	Hawaii	Hilo	Hydraulic oil from Cruise Ship	20121002-1012	Hydraulic Oil	Ocean
10	Hawaii	Hilo	pole-mount transformers (3) fell and ruptured	20130513-1715	non-PCB transformer oil	Concrete/asphalt
11	Hawaii	Hilo	Possible Petroleum Release from auto shop	20130129-1200	Petroleum	Drum or Other Container
12	Hawaii	Hilo	Unknown Sheen off the coast of Hilo	20121025-1400	Unknown	Ocean
13	Hawaii	Kailua Kona	HELCO transformer pole-mounted #21377 release	20120731-1031	Transformer Oil	Soil
14	Hawaii	Kailua Kona	HELCO pad-mounted transformer # 21478 release	20130621-1442	Transformer Oil	Soil
15	Hawaii	Kailua Kona	Motor oil Spill Honokohau Harbor	20121004-1240	Motor Oil	Ocean
16	Hawaii	Kailua Kona	Security Breach at Kailua Kona Pier	20120912-1411	Security Breach	Other
17	Hawaii	Kailua-Kona	Diesel Sheen around flooded vessel	20130416-1520	Diesel Fuel	Ocean
18	Hawaii	Kailua-Kona	Hawaii Petroleum Spill Kailua Kona	20121023-0800	Hydraulic Oil	Asphalt
19	Hawaii	Kailua-Kona	HELCO Transformer CO No. 13318	20130607-0000	Transformer Oil	Soil
20	Hawaii	Kailua-Kona	Non-PCB oil spilled in Kona	20130601-1252	Oil	Asphalt
21	Hawaii	Kailua-Kona	Paint Spilled from Vessel	20130207-1343	Paint	Ocean
22	Hawaii	Kamilo Beach	Drum at Kamilo Beach	201303111350	Used oil	Sand
23	Hawaii	Kamuela	HELCO pole-mounted transformer #8289 release	20130421-1333	Transformer Oil	Soil
24	Hawaii	Kamuela	HELCO transformer vault #T683 release	20120723-0724	Transformer Oil	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
25	Hawaii	Kapolei	Oil discharged into Koolina Marina	20130504-0100	Motor Oil	Ocean
26	Hawaii	Kawaihae	Possible oil in Water and Children at Kawaihae Harbor Area	20120729-1630	Oil	Ocean
27	Hawaii	Kealahou	HELCO transformer pad-mounted #12856 release	20121130-0803	Transformer Oil	Soil
28	Hawaii	Keilua Kona	Waste Oil Spill in Honokohau Harbor	20120731-1645	Oil, Waste	Ocean
29	Hawaii	Pahala	Mercury spill Highway 11	20130311-1645	Mercury	Soil
30	Hawaii	Pahoa	Muriatic Acid Spill, Big Island	20120706-0845	Muriatic Acid	Other
31	Kauai	Hanapepe	KIUC pole-mounted transformer #085-560-2905 release	20130419-1232	Transformer Oil	Soil
32	Kauai	Kalaheo	KIUC pole-mounted transformer release	20121010-1000	Transformer Oil	Soil
33	Kauai	Kilauea	Malfunctioning Smartmeter	20130430-1200	Malfunctioning Smartmeter	Other
34	Kauai	Lihue	Security Breach at The Gas Company	20120730-0600	Security Breach	Within Facility
35	Kauai	Princeville	Princeville Water System PCB contamination	20130304-0700	PCB	Other
36	Kauai	Princeville	Sheen spotted off of PuuPoa Beach, Kauai	20130327-1400	Unknown	Ocean
37	Kauai	Wailua	Unknown drum on Kauai, Wailua Golf Course	20121026-0857	Oil & Diesel Mix	Soil
38	Lanai	Lanai City	MECO lub oil release	20121026-1501	Lube Oil	Soil
39	Maui	Haiku	MECO pad-mounted transformer #5276 release	20121115-1412	Transformer Oil	Soil
40	Maui	Haiku	MECO pole-mounted transformer #12691 release	20130328-1057	Transformer Oil	Soil
41	Maui	Haiku	MECO transformer pad-mounted #7643 release	20121217-1454	Transformer Oil	Soil
42	Maui	Haiku	MECO transformer pole-mounted #9314 release	20130502-1133	Transformer Oil	Soil
43	Maui	Kaanapali	MECO Substation 23 - Puukoolii fire	20121205-1545	Transformer Oil	Soil
44	Maui	Kahului	Bradley Pacific Maui Fuel Farm	20130508-2013	Jet Fuel A	Within Facility
45	Maui	Kahului	MECO pad-mounted transformer #13909 release	20130530-1355	Transformer Oil	Concrete
46	Maui	Kahului	MECO pad-mounted transformer #3135 release	20120703-1023	Transformer Oil	Soil
47	Maui	Kahului	MECO pad-mounted transformer #3398 release	20120703-1024	Transformer Oil	Soil
48	Maui	Kahului	MECO pad-mounted transformer #4637 release	20130610-1401	Transformer Oil	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
49	Maui	Kahului	MECO pad-mounted transformer 36118 release	20120926-0903	Transformer Oil	Soil
50	Maui	Kahului	MECO sub-station transformer #4657 release	20130103-1317	Transformer Oil	Soil
51	Maui	Kahului	MECO substation transformer release	20130116-1014	Transformer Oil	Soil
52	Maui	Kahului	MECO transformer pad-mounted #15416 release	20130107-0958	Transformer Oil	Soil
53	Maui	Kahului	MECO transformer pad-mounted #16880 release	20121116-1255	Transformer Oil	Soil
54	Maui	Kahului	MECO transformer pad-mounted#3390 release	20120919-1439	Transformer Oil	Soil
55	Maui	Kahului	Report of oil at Kahului Harbor	20130302-1415	Sea Weed	Ocean
56	Maui	Kahului	Security Breach due to invalid card	20130225-1005	Unknown	Other
57	Maui	Kahului	TSF 4657	20121221-0900	Transformer Oil	Soil
58	Maui	Kihei	Alleged Meth Lab	20130110-2020	Unknown	Within Facility
59	Maui	Kihei	MECO pad-mounted transformer #16306 release	20130621-1441	Transformer Oil	Soil
60	Maui	Kihei	MECO pad-mounted transformer #16410 release	20130502-1134	Transformer Oil	Soil
61	Maui	Kihei	MECO pad-mounted transformer #5314 release	20121212-1522	Transformer Oil	Soil
62	Maui	Kihei	MECO pad-mounted transformer #5723 release	20121217-1451	Transformer Oil	Soil
63	Maui	Kihei	MECO pad-mounted transformer# 12393 release	20120913-2105	Transformer Oil	Soil
64	Maui	Kihei	MECO transformer pad-mounted #11254 release	20120814-1326	Transformer Oil	Soil
65	Maui	Kihei	MECO unknown transformer release	20130610-1400	Transformer Oil	Soil
66	Maui	Kihei	Sewage Spill in Maalaea Harbor	20130531-0700	Sewage	Ocean
67	Maui	Kihei	Transformer Oil Leak, Kihei	20120820-0015	Oil	Soil
68	Maui	Kula	MECO transformer #5281 pad-mounted release	20120822-1114	Transformer Oil	Soil
69	Maui	Kula	MECO transformer pad-mounted #11580 release	20121217-1450	Transformer Oil	Soil
70	Maui	Kula	MECO transformer pad-mounted #4872 release	20120716-1116	Transformer Oil	Soil
71	Maui	Kula	MECO transformer pad-mounted #7275 release	20120823-1038	Transformer Oil	Soil
72	Maui	Lahaina	Diesel residential spill	20130605-1230	Diesel Fuel	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
73	Maui	Lahaina	MECO pad-mounted transformer # 12473 release	20121217-1452	Transformer Oil	Soil
74	Maui	Lahaina	MECO pad-mounted transformer #7641 release	20120926-1346	Transformer Oil	Soil
75	Maui	Lahaina	MECO pad-mounted transformer #9325 release	20130618-1358	Transformer Oil	Soil
76	Maui	Lahaina	MECO transformer pad-mounted #13049 release	20130418-1454	Transformer Oil	Soil
77	Maui	Lahaina	MECO transformer pad-mounted #16834 release	20130508-1111	Transformer Oil	Soil
78	Maui	Lahaina	MECO transformer pad-mounted #7628 release	20121107-1407	Transformer Oil	Soil
79	Maui	Lahaina	MECO vault transformer #10333 release	20121113-1312	Transformer Oil	Soil
80	Maui	Lahaina	Unknown Black Substance in Ocean from Sands of Kahana Resort	20130306-1245	Stagnant water from gutters and drains	Ocean
81	Maui	Lahaina	Vessel Sinking off Au Au Channel	20121204-1219	None	Ocean
82	Maui	Makawao	MECO pad-mounted transformer #5882 release	20121107-1408	Transformer Oil	Soil
83	Maui	Makawao	MECO transformer pad-mounted #8261 release	20130418-1453	Transformer Oil	Soil
84	Maui	Maunaloa	MECO pad-mounted #M931342 Transformer release	20130211-0844	Transformer Oil	Soil
85	Maui	Paia	MECO substation transformer# 2724 release	20130402-1034	Transformer Oil	Soil
86	Maui	Paia	MECO transformer pad-mounted #7406 release	20121116-1256	Transformer Oil	Soil
87	Maui	Wailuku	Chloroform spill	20130125-1724	Chloroform	Within Facility
88	Maui	Wailuku	MECO pad-mounted transformer #2698 release	20121217-1453	Transformer Oil	Soil
89	Maui	Wailuku	MECO transformer pad-mounted #3123 release	20121206-1317	Transformer Oil	Soil
90	Maui	Wailuku	MECO transformer pad-mounted #7172 release	20121212-1523	Transformer Oil	Soil
91	Maui	Wailuku	Mercury - 1934 Makahala Place	20130123-1119	Mercury	Other
92	Molokai	Kaunakakai	Petroleum Discovery by Kaunakakai Pier	20130307-1300	Petroleum	Groundwater
93	Molokai	Kaunakakai	Unknown Sheen at Kaunakakai Wharf	20130619-0830	Unknown	Ocean
94	Molokai	Molokai	Island petroleum site assessment report	20130311-1300	Unknown	Groundwater
95	Oahu	Aiea	HECO pad-mounted transformer #32161 release	20120705-1440	Transformer Oil	Soil
96	Oahu	Aiea	HECO transformer pad-mounted #69237 release	20121226-1413	Transformer Oil	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
97	Oahu	Aiea	HECO transformer pad-mounted #70214 release	20121128-1130	Transformer Oil	Soil
98	Oahu	Aiea	HECO transformer pad-mounted #78407 release	20121127-0713	Transformer Oil	Concrete
99	Oahu	Aiea	Sewage Reported from a Manhole cover	20130209-1300	Sewage	Asphalt
100	Oahu	Ewa Beach	HECO pad-mounted transformer #57457 release	20121128-1131	Transformer Oil	Concrete
101	Oahu	Haleiwa	HECO pad-mounted transformer #39519 release	20120914-0212	Transformer Oil	Soil
102	Oahu	Hauula	HECO pole-mounted transformer #64459 release	20121031-1300	Transformer Oil	Soil
103	Oahu	Hawaii Kai	Compressed Gas Cylinder by Hawaii Kai Golf Course	20130209-1400	Unknown	Other
104	Oahu	Hickam Air Force Base	Hickam AFB Building 2140 Release	20121105-0950	Petroleum	Soil
105	Oahu	Hickam Air Force Base	Hydraulic Fluid Spill at Joint Base Pearl Harbor	20121216-1558	Hydraulic Oil	Concrete
106	Oahu	Hickam Air Force Base	hydraulic oil spill NRC 1025667	20120926-1218	Hydraulic Oil	Ocean
107	Oahu	Honolulu	1830 Skyline Drive cylinder	20121205-1200	Cylinder	
108	Oahu	Honolulu	1950 Homerule	20120917-1022	Polycyclic Aromatic Hydrocarbons	Soil
109	Oahu	Honolulu	2185 Kauhana Street, Palolo release	20130506-2120	Oil	Stream
110	Oahu	Honolulu	4 X 5 gallon buckets of oil leaking onto street	20130608-1910	Oil	Concrete, soil, asphalt
111	Oahu	Honolulu	Abandoned Drums 1218 Kaumualii Street	20120731-1305	Motor Oil	Asphalt
112	Oahu	Honolulu	Airport fuel spill at Go!	20121114-1415	Jet Fuel A	Storm Drain
113	Oahu	Honolulu	Ala Wai Boat Harbor Smell	20121113-2136	Unknown	Air
114	Oahu	Honolulu	Alleged lead exposure	20130214-0845	Lead	
115	Oahu	Honolulu	Alleged mercury thermometer breakage	20121212-1730	alcohol	Air
116	Oahu	Honolulu	Aloha Petroleum	20120813-0930	Diesel Fuel	Concrete
117	Oahu	Honolulu	Aloha Petroleum Diesel Spill	20120813-0931	Diesel Fuel	Concrete
118	Oahu	Honolulu	Anonymous Tip to a spill on Valkenburgh	20120829-1200	Diesel Fuel	Asphalt
119	Oahu	Honolulu	Boat dumping oil into harbor	20130103-1529	Oil	Ocean

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
120	Oahu	Honolulu	Bradley Pacific Fuel Spill	20120705-1030	Jet Fuel A	Concrete
121	Oahu	Honolulu	Bradley Pacific Spill on Pavement	20130131-1545	Jet Fuel A	Concrete
122	Oahu	Honolulu	Car Accident in Nuuanu Stream	20121029-0745	Gasoline	Stream
123	Oahu	Honolulu	Chemical Bomb used in prank	20130528-2000	Unknown	Concrete
124	Oahu	Honolulu	Chevron Marine Terminal sheen	20120711-1530	Petroleum	Groundwater
125	Oahu	Honolulu	Chlorine Tablet Disposal	20130430-1330	Chlorine Tablets	Other
126	Oahu	Honolulu	containers abandon on sidewalk	20121031-0956	Unknown	concrete
127	Oahu	Honolulu	containers abandon on sidewalk (McDonalds)	20121031-1018	Unknown	concrete
128	Oahu	Honolulu	Diesel Spill to AST in Honolulu	20120817-0630	Diesel Fuel	Concrete
129	Oahu	Honolulu	Dump Truck Crash and Fuel Spill	20121124-1045	Diesel Fuel, Motor Oil	Asphalt
130	Oahu	Honolulu	Dump Truck Crash and Fuel Spill	20121124-1045	Motor Oil	Asphalt
131	Oahu	Honolulu	Golden Princess 12-11-2012	20121211-2007	Hydraulic	Ocean
132	Oahu	Honolulu	Grace Pacific rain-washed tack coat	20120724-1402	tack coat	Stream
133	Oahu	Honolulu	HART oil discovery	20121023-0820	Petroleum	Soil
134	Oahu	Honolulu	HART parking lot near Nimitz and River	201211-28-1609	Petroleum	Soil
135	Oahu	Honolulu	HART Trench A37	20121126-1700	benzo(a)pyrene	Soil
136	Oahu	Honolulu	HART Trench C149	20121126-1707	Unknown	Soil
137	Oahu	Honolulu	HART Trench C150	20121126-1708	Unknown	Soil
138	Oahu	Honolulu	HART Trench C181, C182	20121126-1709	Unknown	Soil
139	Oahu	Honolulu	HART Trench C218	20121126-1710	Unknown	Soil
140	Oahu	Honolulu	HART Trench C32/C35	20121126-1701	benzo(a)pyrene	Soil
141	Oahu	Honolulu	HART Trench C50	20121126-1702	Lead	Soil
142	Oahu	Honolulu	HART Trench C63/C68	20121126-1703	Unknown	Soil
143	Oahu	Honolulu	HART Trench C86, C87, C90	20121126-1704	Unknown	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
144	Oahu	Honolulu	HART Trench C94	20121126-1705	Unknown	Soil
145	Oahu	Honolulu	HART Trenches C102, C103, C104, C105, C106, C108, C109, C110, C111, C113, C115	20121126-1706	Unkown	Soil
146	Oahu	Honolulu	HECO pad-mounted transformer # 50945 release	20130315-1021	Transformer Oil	Soil
147	Oahu	Honolulu	HECO pad-mounted transformer #36529 release	20130410-1343	Transformer Oil	Soil
148	Oahu	Honolulu	HECO pad-mounted transformer #38990 release	20130610-1403	Transformer Oil	Concrete
149	Oahu	Honolulu	HECO pad-mounted transformer #46366 release	20130607-1437	Transformer Oil	Soil
150	Oahu	Honolulu	HECO pad-mounted transformer #46629 release	20130313-1040	Transformer Oil	Soil
151	Oahu	Honolulu	HECO pad-mounted transformer #49355 release	20130327-1050	Transformer Oil	Soil
152	Oahu	Honolulu	HECO pad-mounted transformer #56961 release	20130128-1133	Transformer Oil	Soil
153	Oahu	Honolulu	HECO pad-mounted transformer #57185 release	20120705-1439	Transformer Oil	Soil
154	Oahu	Honolulu	HECO pad-mounted transformer #63855 release	20121105-1038	Transformer Oil	Concrete
155	Oahu	Honolulu	HECO pad-mounted transformer #65990 release	20130528-1333	Transformer Oil	Soil
156	Oahu	Honolulu	HECO pad-mounted transformer #67474 release	201303111050	Transformer Oil	Concrete
157	Oahu	Honolulu	HECO pad-mounted transformer #80385 release	20130204-1338	Transformer Oil	Soil
158	Oahu	Honolulu	HECO pad-mounted transformer 68202 release	20130410-1346	Transformer Oil	Soil
159	Oahu	Honolulu	HECO pad-mounted transformer# 49708 release	20130517-1324	Transformer Oil	Soil
160	Oahu	Honolulu	HECO pad-mounted transformer#36527 release	20130613-1334	Transformer Oil	Concrete
161	Oahu	Honolulu	HECO pole installation oil discovery	20121018-1437	Petroleum	Soil
162	Oahu	Honolulu	HECO pole-mounted #62432 transformer release	20130204-1337	Transformer Oil	Soil
163	Oahu	Honolulu	HECO pole-mounted transformer #71245 release	20130314-1022	Transformer Oil	Soil
164	Oahu	Honolulu	HECO pole-mounted transformer #80873 release	20121024-1338	Transformer Oil	Soil
165	Oahu	Honolulu	HECO transformer #70580 pad-mounted release	20130304-1124	Transformer Oil	Soil
166	Oahu	Honolulu	HECO Transformer 70690 Vault 8112	20120913-1412	Transformer Oil	Soil
167	Oahu	Honolulu	HECO transformer pad-mounted #50169 release	20121113-1315	Transformer Oil	Concrete

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
168	Oahu	Honolulu	HECO transformer pad-mounted #58126 release	20120719-0819	Transformer Oil	Concrete
169	Oahu	Honolulu	HECO transformer pad-mounted #59679 release	20120820-1421	Transformer Oil	Concrete
170	Oahu	Honolulu	HECO transformer pad-mounted #64876 release	20121231-1536	Transformer Oil	Concrete
171	Oahu	Honolulu	HECO transformer pad-mounted #66337 release	20130514-1346	Transformer Oil	Soil
172	Oahu	Honolulu	HECO TRANSFORMER PAD-MOUNTED #72745 RELEASE	20121018-1518	Transformer Oil	Soil
173	Oahu	Honolulu	HECO transformer pole-mounted # 57909 release	20121214-0908	Transformer Oil	Soil
174	Oahu	Honolulu	HECO transformer pole-mounted #11934 release	20130514-1347	Transformer Oil	Soil
175	Oahu	Honolulu	HECO transformer pole-mounted #13010 release	20121226-1412	Transformer Oil	Soil
176	Oahu	Honolulu	HECO transformer pole-mounted #13947 release	20121212-1524	Transformer Oil	Soil
177	Oahu	Honolulu	HECO transformer pole-mounted #16646 release	20130419-1230	Transformer Oil	Soil
178	Oahu	Honolulu	HECO transformer pole-mounted #40064 release	20120926-1348	Transformer Oil	Soil
179	Oahu	Honolulu	HECO transformer pole-mounted #53450 release	20121105-1037	Transformer Oil	Soil
180	Oahu	Honolulu	HECO transformer pole-mounted #55541 release	20130513-1439	Transformer Oil	Soil
181	Oahu	Honolulu	HECO transformer pole-mounted #59238 release	20121127-0716	Transformer Oil	Soil
182	Oahu	Honolulu	HECO transformer pole-mounted #68164 release	20121214-0909	Transformer Oil	Soil
183	Oahu	Honolulu	HECO transformer pole-mounted #75238 release	20121022-1113	Transformer Oil	Soil
184	Oahu	Honolulu	HECO transformer pole-mounted #79098 release	20121228-1356	Transformer Oil	Soil
185	Oahu	Honolulu	HECO transformer vault #34989 release	20121219-1429	Transformer Oil	Concrete
186	Oahu	Honolulu	Helicopter Down Downtown Honolulu	20130508-1614	Gasoline, Aviation	
187	Oahu	Honolulu	HPC Foods UST release	20120927-0902	Petroleum	Soil
188	Oahu	Honolulu	Hydraulic Oil in Pearl Harbor	20120817-0833	Hydraulic	Ocean
189	Oahu	Honolulu	Hydraulic Oil Leaking from Excavator	20130329-1200	Hydraulic Oil	Ocean
190	Oahu	Honolulu	hydraulic oil spill from Street Sweeper	20130301-1152	Hydraulic Oil	Asphalt
191	Oahu	Honolulu	Jet A spill at Honolulu Harbor Pier 51	20130402-0856	Jet A	Ocean

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
192	Oahu	Honolulu	Jet Fuel Spill in Storm Drain	20130105-0930	Jet Fuel A	Storm Drain
193	Oahu	Honolulu	Kaiser Moanalua approximtely 2400 gallons diesel spill	20121001-0945	Diesel Fuel #2	Soil, stream
194	Oahu	Honolulu	KFC Kapiolani diesel discovery	20130315-1249	diesel	Soil
195	Oahu	Honolulu	King and Kong illegal dumping	20121213-1859	Oil	Soil
196	Oahu	Honolulu	King's Disposal Hydraulic Fluid Leak	20130131-1400	Hydraulic Fluid	Storm Drain
197	Oahu	Honolulu	Large oil Sheen at Ala Wai Harbor	20130622-1853	Unknown	Ocean
198	Oahu	Honolulu	Leaking HECO Transformer	20121117-1030	Transformer Oil	Drum or Other Container
199	Oahu	Honolulu	M/Y My Senses Jet A fuel spill	20130320-1605	Jet A fuel	Ocean
200	Oahu	Honolulu	Motor Oil Spilled Into Storm Drain	20130620-0643	Motor Oil	Storm Drain
201	Oahu	Honolulu	Nimitz highway petroleum contamination discovery	20120817-1501	Petroleum	Soil
202	Oahu	Honolulu	NRC 1032883, 1032884	20121211-1033	Diesel Fuel	Ocean
203	Oahu	Honolulu	Oil Sheen 1036509	20130124-1430	Oil	Stream
204	Oahu	Honolulu	Oil Spill at Slip 63 at the Ala Wai Boat Harbor	20130622-1932	Oil	Ocean
205	Oahu	Honolulu	Oily Rag Dropped in Water	20121203-0920	Lube Oil	Ocean
206	Oahu	Honolulu	Old Oil Contamination Discovered Near Ward Center	20121211-1200	Petroleum Hydrocarbon	Soil
207	Oahu	Honolulu	Paint Chips in Kuapa Pond	20121125-0900	Paint Chips	Lake
208	Oahu	Honolulu	Paint Spill at Sand Island	20121207-0845	Paint	Ocean
209	Oahu	Honolulu	Pallet from Pier 51A fell into the water	20130419-1030	Food Stuff	Ocean
210	Oahu	Honolulu	pallet of drums	20130320-0800	diesel	Asphalt
211	Oahu	Honolulu	petroleum discovery 563 and 565 Rail Project	20130320-1043	petroleum odors	Soil
212	Oahu	Honolulu	petroleum discovery boring 561 and 562 Rail Project	20130327-1306	petroleum odors	Soil
213	Oahu	Honolulu	petroleum discovery boring 566 Rail project	20130319-1104	petroleum odors	Soil
214	Oahu	Honolulu	petroleum discovery Rail notification	20130314-0830	petroleum odors	Soil
215	Oahu	Honolulu	Pier 26 Honolulu Harbor Spill	20130630-0732	Diesel Fuel	Ocean

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
216	Oahu	Honolulu	Possible Sewage Leak	20130501-1539	Sewage	Concrete
217	Oahu	Honolulu	Possible Sheen in Ocean	20121003-1030	Unknown	Ocean
218	Oahu	Honolulu	Rail K2-321	20120720-1105	Petroleum	Soil
219	Oahu	Honolulu	Rainbow Sheen in Ala Wai Harbor	20121105-0700	Unknown	Ocean
220	Oahu	Honolulu	Rainbow Sheen Reported at Kewalo Basin	20130102-0800	Diesel Fuel	Ocean
221	Oahu	Honolulu	Rainbow sheen reported off of Ala Moana Beach Park	20121231-1200	Unknown	Ocean
222	Oahu	Honolulu	S/V Makani Aground	20130125-2007	Petroleum	
223	Oahu	Honolulu	Security Breach at 131 Nimitz Highway	20130208-0030	Security Breach	Within Facility
224	Oahu	Honolulu	Security Breach at 1331 N. Nimitz Hwy.	20120819-2139	Security Breach	Within Facility
225	Oahu	Honolulu	Security Breach at Aircraft Service International	20120813-1520	Security Breach	Within Facility
226	Oahu	Honolulu	Sewage Spilled on Vessel	20130210-1930	Sewage	Within Facility
227	Oahu	Honolulu	Sheen In Honolulu Harbor	20121203-1000	Oil	Ocean
228	Oahu	Honolulu	Sheen in Marina by Hobron	20121004-1750	Unknown	Ocean
229	Oahu	Honolulu	Sheen NRC 1032938	20121211-1034	Oil	Ocean
230	Oahu	Honolulu	Sheen on Ala Wai Canal Reported	20121117-0730	Unknown	Stream
231	Oahu	Honolulu	Sheen Spotted in Honolulu Harbor	20130503-0800	Oil	Ocean
232	Oahu	Honolulu	Sheen spotted in Honolulu Harbor 5/6	20130506-0645	Oil	Ocean
233	Oahu	Honolulu	Sheen Spotted in Kewalo Bay	20130429-1850	Unknown	Ocean
234	Oahu	Honolulu	Sinking vessle may have a possible leak of diesel fuel	20130504-1403	Diesel Fuel	Ocean
235	Oahu	Honolulu	Smell complaint	20130430-1300	Mold	Other
236	Oahu	Honolulu	SS Pacific Tracker Soot Release	20121007-0955	Petroleum particulates	Ocean
237	Oahu	Honolulu	Strange Smell at King's Disposal	20130517-1313	Unknown	Air
238	Oahu	Honolulu	Suspected Anthrax at 1296 Kapiolani Blvd.	20130412-1600	Unknown	Other
239	Oahu	Honolulu	Tesoro Sand Island Terminal monitoring well oil discovery	20121017-1140	petroleum	Groundwater

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
240	Oahu	Honolulu	United Laundry cloudy white stream	20130614-1135	Titanium Dioxide	Stream
241	Oahu	Honolulu	Unknow Sheen in Honolulu Harbor	20120816-0645	Unknown	Ocean
242	Oahu	Honolulu	Unknown Cylinder Found in Nuuanau Stream	20130104-1845	Unknown	Stream
243	Oahu	Honolulu	Unknown sheen 12-16-12	20121216-2200	Oil	Ocean
244	Oahu	Honolulu	Unknown sheen at Keawalo Basin Harbor	20130602-1400	Unknown	Ocean
245	Oahu	Honolulu	Unknown Sheen at Kewalo Basin 61713	20130617-1610	Oil	Ocean
246	Oahu	Honolulu	Unknown Sheen at Pier F & G	20130207-1815	Unknown	Ocean
247	Oahu	Honolulu	Unknown Sheen by Pier 41 & 42	20121205-0845	Unknown	Ocean
248	Oahu	Honolulu	Unknown Sheen discovered by Sand Island Bridge	20121206-1142	Unknown	Ocean
249	Oahu	Honolulu	Unknown Sheen in Ala Wai Boat Harbor	20120804-0755	Unknown	Ocean
250	Oahu	Honolulu	Unknown Sheen in Honolulu Harbor	20120728-1044	Oil	Ocean
251	Oahu	Honolulu	Unknown Sheen in Jetty Behind Hotel	20120817-1500	Unknown	Stream
252	Oahu	Honolulu	Unknown Sheen in Kewalo Basin	20120730-0601	Unknown	Ocean
253	Oahu	Honolulu	Unknown Sheen in Kewalo Basin 6/24	20130624-0700	Unknown	Ocean
254	Oahu	Honolulu	Unknown sheen in water off of Ala Moana Blvd.	20121027-1920	Unknown	Ocean
255	Oahu	Honolulu	Unknown Shreen at Honolulu Harbor	20120916-0624	Unknown	Ocean
256	Oahu	Honolulu	Unknown Substance from USCG Vessel	20120729-1710	Unknown	Ocean
257	Oahu	Honolulu	Unknown Substance in Water at Pier 2	20130113-1035	Unknown	Ocean
258	Oahu	Honolulu	Vessel maybe discharging Sheen	20130119-1015	Unknown	Ocean
259	Oahu	Honolulu	Vessel Trailing Black Oil	20120708-1054	Oil	Ocean
260	Oahu	Honolulu	White Substance In Ala Wai Canal	20130327-1225	Water Proof Resin mixed W/cement	Stream
261	Oahu	Honolulu	White Substance in stream next to KPT	20121027-1045	Unknown	Stream
262	Oahu	Honolulu	White Substance in Water at Pier 5	20130110-1230	Unknown	Ocean
263	Oahu	Kahuku	First Wind/Xtreme Power Battery Storage System Fire	20120801-1356	Copper, Lead, Sulfuric acid	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
264	Oahu	Kahuku	House Fire with Gas Cylinders	20130207-0940	Antifreeze	Storm Drain
265	Oahu	Kailua	Ameron Hawaii Kapaa Quarry	20121128-0846	Diesel Fuel	Soil
266	Oahu	Kailua	HECO pad-mounted transformer #23234 release	20130603-1137	Transformer Oil	Soil
267	Oahu	Kailua	HECO pad-mounted transformer #70802 release	20130517-1325	Transformer Oil	Concrete
268	Oahu	Kailua	HECO pad-mounted transformer #78699 release	20130624-1609	Transformer Oil	Soil
269	Oahu	Kailua	HECO pole-mounted transformer #32275 release	20130607-1435	Transformer Oil	Soil
270	Oahu	Kailua	HECO transformer pole-mounted #28377 release	20120807-1143	Transformer Oil	Soil
271	Oahu	Kailua	Possible oil release from pipe in Kailua	20120807-0840	Hydraulic Fluid	Asphalt
272	Oahu	Kailua	Unknown Substance Kawainui Canal behind 516 Papalani	20130413-1436	Organic waste	Ocean
273	Oahu	Kailua	Vessel Grounded off of Mokulea Reef	20130102-1420	Gasoline	Ocean
274	Oahu	Kailua-Kona	HELCO transformer spill	20130317-1803	Transformer Oil	Asphalt
275	Oahu	Kalihi	2001 Lukela Lane pesticide spill	20130316-1827	pesticide	Soil
276	Oahu	kalihi	HART Dillingham Akepo	20120927-1441	Black Oil Base Material	Soil
277	Oahu	Kaneohe	Alleged oil sheen 12-24-2012	20121224-0932	Particulates	Ocean
278	Oahu	Kaneohe	HECO pad-mounted transformer #24491 release	20120912-1203	Transformer Oil	Soil
279	Oahu	Kaneohe	HECO pad-mounted transformer #48153 release	20121018-1517	Transformer Oil	Soil
280	Oahu	Kaneohe	Hydraulic line break	20120724-1057	Hydraulic Oil	Soil
281	Oahu	Kaneohe	MCBH release 6-18-2013	20130618-1418	JP-5	Concrete
282	Oahu	Kapalama	1385 Colburn Street	20130221-1628	Benzo(a)pyrene, Lead	Soil
283	Oahu	Kapolei	91-1011 Waaula Street	20121205-1258	Unknown	
284	Oahu	Kapolei	AES 2" diesel line leak	20130131-1122	diesel	Soil and coral
285	Oahu	Kapolei	Asphalt Emulsion Spill on Ohio Street	20130314-1130	Asphalt	Storm Drain
286	Oahu	Kapolei	Chevron Diesel Fuel Release	20121026-1300	Diesel Fuel	Ocean
287	Oahu	Kapolei	Chevron Diesel Spill at Refinery	20121026-1250	Diesel Fuel	Ocean

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
288	Oahu	Kapolei	Chevron Pink Water	20130411-1800	Phenols	Within Facility
289	Oahu	Kapolei	Chevron Refinery 11-20-12	20121120-0602	Jet Fuel	Asphalt
290	Oahu	Kapolei	Diesel Fuel Leak at Barbars Point Harbor	20130427-1045	Diesel Fuel	Asphalt
291	Oahu	Kapolei	Diesel Release into soil in Kapolei	20130110-1000	Diesel Fuel	Soil
292	Oahu	Kapolei	HECO pad-mounted transformer 59489 release	20121003-1401	Transformer Oil	Soil
293	Oahu	Kapolei	HECO transformer pad-mounted #63951 release	20120724-0817	Transformer Oil	Concrete
294	Oahu	Kapolei	High CO levels at H-Power Plant	20130601-2100	Carbon Monoxide	Air
295	Oahu	Kapolei	Liquid Asphalt Spill in Kapolei	20130615-0915	Asphalt	Impermeable Surface
296	Oahu	Kapolei	Mercury Spill at Chevron Refinery	20130416-1500	Mercury	Soil
297	Oahu	Kapolei	Oahu Petroleum Fuel Line Break	20120711-1535	Diesel Fuel	Soil
298	Oahu	Kapolei	Security Breach at Tesoro Corp.	20120905-1556	Security Breach	Other
299	Oahu	Kapolei	Shot transformers leaked oil	20130224-1816	non-PCB transformer oil	Asphalt and wood pallets
300	Oahu	Kapolei	Suspicious Activity at Tesoro Corp.	20120914-1732	Suspicious Activity	Within Facility
301	Oahu	Kapolei	Tank 512 Vacumm Residue Leak	20120828-0700	Oil, Heavy Vacuum Residue	Impermeable Surface
302	Oahu	Kapolei	Tesoro SPM hose replacement spill	20120929-1156	black oil	Ocean
303	Oahu	Kapolei	TESORO TANK 512 LEAK	20121028-1157	VACUUM RESID	Concrete
304	Oahu	Kekaha	Diesel/Water Mix Spill by Kekaha	20121008-1200	Diesel Fuel	Soil
305	Oahu	Koolina	Unknown Sheen at Ko Olina Slip A19	20130601-1130	Unknown	Ocean
306	Oahu	Makaha	Odor Complaint at Makaha	20130520-1330	Unknown	Air
307	Oahu	Makakilo	Hydrolic Oil Spill at Makahilo Quarry	20130429-0800	Hydrolic Oil	Soil
308	Oahu	Makakilo	Unknown containers dropped off at HFD Makakilo station	20130316-1601	unknowns	Bench
309	Oahu	Mililani	HECO pad-mounted transformer #58985 release	20121024-1337	Transformer Oil	Soil
310	Oahu	Mililani	HECO transformer pad-mounted #50465 release	20121113-1314	Transformer Oil	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
311	Oahu	Millilani	Tesoro Gas Station Spill in Millilani	20130501-2230	Gasoline	Concrete
312	Oahu	Open Ocean	Diesel Fuel Spill from CG Ship	20130618-1315	Diesel Fuel	Ocean
313	Oahu	Open Ocean	Fuel Oil Release Off Oahu	20130114-1420	Fuel Oil	Ocean
314	Oahu	Open Ocean	Potential Release from Tug Boat outside of Honolulu	20121205-1400	Chorine, Hydrogen Peroxide	Ocean
315	Oahu	Open Ocean	Potential Release from a sailing Vessle	20130501-0930	Gasoline	Ocean
316	Oahu	Open Ocean	Sheen off of Diamond Head	20130327-1010	Unknown	Ocean
317	Oahu	Open Ocean	SS Lurline shaft seal leak (Matson)	20121105-1201	Lube Oil	Ocean
318	Oahu	Pahoa	HECO pole-mounted transformer #33532 release	20130410-1345	Transformer Oil	Soil
319	Oahu	Palolo	HECO pole transformer Kuaheha	20120827-1755	Transformer Oil	Asphalt & grass
320	Oahu	Pearl City	HECO pad-mounted transformer #37760 release	20130321-1028	Transformer Oil	Concrete
321	Oahu	Pearl City	HECO pad-mounted transformer #54371 release	20130610-1402	Transformer Oil	Concrete
322	Oahu	Pearl City	HECO pad-mounted transformer #61816 release	20130607-1436	Transformer Oil	Concrete
323	Oahu	Pearl City	HECO pad-mounted transformer #65143 release	20121105-1039	Transformer Oil	Soil
324	Oahu	Pearl City	HECO pad-mounted transformer #71201 release	20121127-0712	Transformer Oil	Soil
325	Oahu	Pearl City	HECO transformer #9418 pole-mounted release	20121030-1055	Transformer Oil	Soil
326	Oahu	Pearl City	HECO transformer pad-mounted #62566 release	20120926-1347	Transformer Oil	Soil
327	Oahu	Pearl City	Waiawa Road drums	20130629-1354	unknown petroleum	Dirt
328	Oahu	Pearl Harbor	Diesel Fuel Spill in Pearl Harbor	20120703-1400	Diesel Fuel	Ocean
329	Oahu	Pearl Harbor	Diesel Release into Water at JBPHH	20130205-1545	Diesel Fuel	Ocean
330	Oahu	Pearl Harbor	Japanese submarine at PH Sierra 11	20121217-1757	diesel	Ocean
331	Oahu	Pearl Harbor	JBPH Hickam Sheen	20121116-0812	JP-5	Ocean
332	Oahu	Pearl Harbor	Light sheen found by Bravo 11 Pier	20130213-0920	Lube Oil	Ocean
333	Oahu	Pearl Harbor	Oil Sheen 1036506	20130124-1158	Oil, edible	Ocean
334	Oahu	Pearl Harbor	One cup of Diesel Spilled in Pearl Harbor	20130225-0700	Diesel Fuel	Ocean

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
335	Oahu	Pearl Harbor	Pearl Harbor fueling pier	20121018-1135	diesel	Ocean
336	Oahu	Pearl Harbor	Pearl Harbor Shipyard compressor oil spill	20121015-1010	Compressor Oil	Concrete and ocean
337	Oahu	Pearl Harbor	Synthetic Gear Lubricant Oil Spill	20130429-1100	SHC 629	Ocean
338	Oahu	Pearl Harbor	USS Chosin	20121019-1205	sheen	Ocean
339	Oahu	Pearl Harbor	Waste Oil Spill from USS Chosin	20121116-0630	Oil, Waste	Ocean
340	Oahu	Pearl Harbor	White Sheen Seen in Pearl Harbor near Ford Island	20130617-1500	Unknown	Ocean
341	Oahu	Pearlridge	HART Kamehameha and Kaonihi intersection	20120925-1122	petroleum odor	Soil
342	Oahu	Punaluu	Drum washed ashore at Kahana Bay Beach Park	20130228-0800	Motor Oil	Soil
343	Oahu	Punaluu	HECO pad-mounted transformer #35988 release	20130213-1028	Transformer Oil	Soil
344	Oahu	Punaluu	Punaluu Valley Road Excavator fire	20130124-1340	Diesel Fuel, Hydraulic	Soil
345	Oahu	Wahiawa	HECO pad-mounted transformer #52230 release	20120829-1329	Transformer Oil	Soil
346	Oahu	Wahiawa	HECO pad-mounted transformer #60716 release	20130311-1049	Transformer Oil	Concrete
347	Oahu	Wahiawa	HECO pole-mounted transformer #53755 release	20130419-1231	Transformer Oil	Soil
348	Oahu	Wahiawa	HECO transformer pad-mounted #39323 release	20121113-1313	Transformer Oil	Soil
349	Oahu	Waiialua	HECO pole-mounted transformer #57694 release	20121115-1413	Transformer Oil	Soil
350	Oahu	Waianae	Cement Slurry Washed into Storm drains	20121231-1030	Cement	Other
351	Oahu	Waianae	HECO pad-mounted #53554 transformer release	20130304-1123	Transformer Oil	Concrete
352	Oahu	Waianae	HECO pad-mounted transformer #35605 release	20130311-1051	Transformer Oil	Soil
353	Oahu	Waianae	HECO pole-mounted transformer #69635 release	20120913-0212	Transformer Oil	Soil
354	Oahu	Waianae	Trash and Household waste in Neighborhood	20130429-1200	Trash	Other
355	Oahu	Waianae	Unknown Sheen at Waianae Boat Harbor	20130601-1030	Unknown	Ocean
356	Oahu	Waianae	Waianae CC ENV	20121022-1205	Mislabeled container	Container
357	Oahu	Waimanalo	HECO transformer pole-mounted #60750 release	20120820-1420	Transformer Oil	Soil
358	Oahu	Waipahu	Bio waste off of Farrington Hwy.	20130621-2240	Used absorbant bed pads	Other

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2013

Hawaii State Response Program Chemical Release Notification Log FY2013						
<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
359	Oahu	Waipahu	HECO pad-mounted transformer #45760 release	20130410-1344	Transformer Oil	Soil
360	Oahu	Waipahu	HECO pole-mounted transformer #31462 release	20130521-1332	Transformer Oil	Soil
361	Oahu	Wheeler Army Airfield	hydraulic oil spill Wheeler airfield	20130628-1054	hydraulic oil	Dirt

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 FY2013, HEER had oversight responsibilities for 809 active sites, and reached No Further Action determinations at 78 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. 467 active sites under direct DOH oversight in the various State programs are listed and include 66 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. 51 state sites with known or suspected contamination received No Further Action Determinations. Of those, 21 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 342 sites that are co-managed by DOH and DOD under CERCLA and HRS 128D authorities.

The number of military sites listed continues to drop annually as cleanup activities are completed, and few new sites are added due to prioritized identification of DSMOA sites in previous fiscal years. This year, 12 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 2013, clean up decisions were reached at 27 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 FY2013

FY2013 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 FY2013 and sites requiring evaluation if an assessment or response action is required under HEER Office authority. The Hazard Evaluation and Emergency Response (HEER) Office Sites 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 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>Number of Sites</u>	<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>
414	State	Assessment	7	24	82	2	4
		Response	62	131	65	16	21
18	Brownfields	Assessment	-	3	9	-	-
		Response	2	2	2	-	-
8	VRP	Assessment	1	2	1	-	-
		Response	3	1	-	-	-
27	Site Discovery and PA/SI	Assessment	1	7	7	2	1
		Response	1	2	1	1	4
342	DSMOA	Assessment	14	87	160	4	21
		Response	10	20	24	-	2
809	Total		101	279	351	25	53

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
	<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	French Frigate	Tern Island	Tern Island	High	Response	Hazard Present	Ongoing	State
2	Hawaii	Hakalau	Hakalau Sugar Mill	Low	Assessment	Hazard Undetermined	Inactive	State
3	Hawaii	Hakalau	Mauna Kea Sugar - Hakalau Sugar Plantation	High	Response	Hazard Present	Ongoing	State
4	Hawaii	Hamakua	Agent Orange Application	Low	Response	Hazard Undetermined	Inactive	State
5	Hawaii	Hilo	Aloha Petroleum Hilo Bulk Plant	Medium	Response	Hazard Undetermined	Ongoing	State
6	Hawaii	Hilo	Big Island Asphalt Co Inc	Medium	Response	Hazard Present	Ongoing	State
7	Hawaii	Hilo	Equilon Enterprises LLC - Hilo Terminal (Shell Oil Co)	Low	Response	Hazard Present	Ongoing	State
8	Hawaii	Hilo	Hatada Bakery (Former)	Low	Response	Hazard Managed With Institutional Controls	Inactive	State
9	Hawaii	Hilo	Hawaii Cane Products Plant - Waiakea Pond	High	Response	Hazard Present	Ongoing	State
10	Hawaii	Hilo	Hawaii Pest Control	High	Response	Hazard Present	Ongoing	State
11	Hawaii	Hilo	HELCO Generating Station: Hill/Kanoelehua	NFA	Response	No Hazard	NFA	State
12	Hawaii	Hilo	HELCO pipeline anomaly at Northeast side of Seaside Hotel	NFA	Response	No Hazard	NFA	State
13	Hawaii	Hilo	HELCO Substation: Kuhio	Medium	Assessment	Hazard Present	Ongoing	State
14	Hawaii	Hilo	Highway 19, Mile Marker 28.5	Low	Assessment	Hazard Undetermined	Ongoing	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 Rubbish Dump	Low	Assessment	Hazard Undetermined	Inactive	Brownfields
18	Hawaii	Hilo	Hilo Terminal 666 Kalaniana'ole Avenue	Medium	Response	Hazard Present	Ongoing	State
19	Hawaii	Hilo	Kanoelehua Industrial Warehouse	Low	Assessment	Hazard Undetermined	Inactive	Brownfields Site
20	Hawaii	Hilo	Kawailani Central Office	Medium	Assessment	Hazard Undetermined	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
21	Hawaii	Hilo	Keaukaha Military Reservation Container Disposal	Low	Assessment	Hazard Undetermined	Ongoing	HIANG Site
22	Hawaii	Hilo	Keawe 76 Service Station No. 202	NFA	Response	No Hazard	NFA	State
23	Hawaii	Hilo	Larry's Waiakea Chevron	Medium	Response	Hazard Present	Ongoing	State
24	Hawaii	Hilo	Mauna Kea Sugar - Hilo Sugar Pesticide Mixing Area	High	Response	Hazard Present	Ongoing	Site Discovery
25	Hawaii	Hilo	Mauna Kea Sugar - Onomea Seed Dipping Area	Low	Assessment	Hazard Present	Ongoing	Site Discovery
26	Hawaii	Hilo	SFC Minoru Kunieda U.S. Army Reserve Center	NFA	Response	No Hazard	NFA	State
27	Hawaii	Honokaa	Hamakua Sugar Company Inc - Kawela Pesticide Mixing Area	Low	Response	Hazard Present	Ongoing	Site Discovery
28	Hawaii	Honokaa	Hamakua Sugar Company, Inc - Honokaa Haina Mill Pesticide Mixing Area	Low	Assessment	Hazard Undetermined	Ongoing	PA/SI
29	Hawaii	Honokaa	Honokaa Wastewater Treatment Plant	Low	Assessment	Hazard Present	Ongoing	State
30	Hawaii	Kailua-Kona	Hawaii Petroleum- Kona Branch (Kona Warehouse & Cardlock)	Low	Assessment	Hazard Undetermined	Ongoing	State
31	Hawaii	Kailua-Kona	HELCO Pole-Mount Transformer 32014	NFA	Response	No Hazard	NFA	State
32	Hawaii	Kailua-Kona	Honokohau Industrial Park-Lower Boat Park Soil Contamination	Low	Assessment	Hazard Undetermined	Ongoing	State
33	Hawaii	Kailua-Kona	Kona Village Resort Diesel Spill	NFA	Response	No Hazard	NFA	State
34	Hawaii	Kamuela	HELCO Substation: Ouli Substation	Medium	Assessment	Hazard Undetermined	Ongoing	State
35	Hawaii	Kamuela	Kamuela Baseyard	Low	Assessment	Hazard Undetermined	Inactive	State
36	Hawaii	Kamuela	Waimea Quarry	Low	Assessment	Hazard Undetermined	Ongoing	State
37	Hawaii	Kawaihae	Akana Petroleum, Inc-Kawaihae Harbor	Medium	Assessment	Hazard Undetermined	Ongoing	State
38	Hawaii	Keaau	Kamehameha Schools Keaau Campus	Low	Assessment	Hazard Undetermined	Ongoing	State
39	Hawaii	Keaau	Keaau Hotel Site	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
40	Hawaii	Keaau	Keaau Middle School	High	Assessment	Hazard Managed With Institutional Controls	Inactive	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
41	Hawaii	Keaau	Keaau Paho Road 118 Acre Parcel	High	Response	Hazard Present	Inactive	State
42	Hawaii	Keaau	Keaau Triangle Lot	High	Response	Hazard Present	Inactive	State
43	Hawaii	Keaau	Puna Sugar Mill	Medium	Assessment	Hazard Undetermined	Ongoing	PA/SI
44	Hawaii	Kealakekua	Kealakekua Heritage Ranch	Low	Response	Hazard Present	Ongoing	State
45	Hawaii	Keauhou	Keauhou Mechanics Yard	Low	Assessment	Hazard Undetermined	Inactive	State
46	Hawaii	Kohala	Kohala Sugar Company	High	Assessment	Hazard Present	Ongoing	State
47	Hawaii	Laupahoehoe	Hamakua Sugar Company, Inc - Papaaloa Pesticide Mixing Area	Low	Assessment	Hazard Present	Ongoing	Site Discovery
48	Hawaii	Naalehu	Hawaii Petroleum Distributors, Inc 200 Gallon Fuel Spill	Low	Assessment	Hazard Present	Inactive	State
49	Hawaii	North Kohala	Kohala Sugar Company Transformers	Low	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 Pesticide Mixing Near Seed Dipping Plant	Low	Assessment	Hazard Managed With Institutional Controls	NFA	Site Discovery
55	Hawaii	Paauilo	Hamakua Sugar Company, Inc - Paauilo Seed Dipping Plant	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
56	Hawaii	Paauilo	Hamakua Sugar Company, Inc - Paauilo Sugar Mill Pesticide Mixing Area	High	Assessment	Hazard Present	Ongoing	PA/SI
57	Hawaii	Paauilo	Hawaiian Sugar Planters' Association (HSPA) Research Station - Paauilo	Low	Assessment	Hazard Managed With Institutional Controls	NFA	Site Discovery
58	Hawaii	Paauilo	Mauna Kea Ranch Overspill Spillage	Low	Assessment	Hazard Undetermined	Inactive	State
59	Hawaii	Pahala	Kau Sugar Mill	Medium	Response	Hazard Present	Ongoing	State
60	Hawaii	Pahala	ML Macadamia Orchards, LP (Kau Div)	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
61	Hawaii	Papaikou	27-0330 Mamalahoa Highway Collision	Low	Response	Hazard Undetermined	Ongoing	State
62	Hawaii	Papaikou	Mauna Kea Sugar - Onomea Sugar Papaikou Mill Pesticide Mixing Area	Medium	Response	Hazard Present	Ongoing	Site Discovery
63	Hawaii	Pepeekeo	Black Oil and Drum Sites	Low	Response	Hazard Present	Ongoing	State
64	Hawaii	Pepeekeo	Hilo Coast Power Company Diesel Fuel Storage Tank	Low	Assessment	Hazard Undetermined	Inactive	State
65	Hawaii	Pepeekeo	Kraus Property	Medium	Assessment	Hazard Present	Ongoing	State
66	Hawaii	Pepeekeo	Mauna Kea Sugar - Pepeekeo Mill Herbicide Mixing Area	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
67	Hawaii	Pepeekeo	Petroleum Impacted Soil Downslope of Former HCPC Maintenance Garage	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
68	Hawaii	South Kona	Kamehameha Schools Estoy Property	Medium	Response	Hazard Present	Ongoing	State
69	Hawaii	Waiakea	Waiakea Upland Arsenic Site	High	Assessment	Hazard Present	Inactive	State
70	Hawaii	Waipunalei	Hamakua Sugar Company, Inc - Waipunalei	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	Site Discovery
71	Kauai	Barking Sands	Kauai Test Facility	Low	Assessment	Hazard Present	Ongoing	State
72	Kauai	Eleele	McBryde Sugar Numila Pesticide Mixing Area	Medium	Assessment	Hazard Present	Ongoing	State
73	Kauai	Hanamaulu	Lihue Plantation Co, Ltd - Lihue Herbicide Mixing Plant	Medium	Response	Hazard Undetermined	Ongoing	State
74	Kauai	Hanapepe	Sakoda Garage	Low	Response	Hazard Present	Ongoing	State
75	Kauai	Kalaheo	Kalaheo Elementary Phase 1	Low	Assessment	Hazard Undetermined	Ongoing	State
76	Kauai	Kapaa	Leonard's, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
77	Kauai	Kapaa	Wailua Homestead Wells 0421-01& 02	Low	Response	Hazard Present	Inactive	State
78	Kauai	Kekaha	HIANG Kekaha	Low	Assessment	Hazard Undetermined	Inactive	HIANG Site
79	Kauai	Kekaha	Kekaha Diesel Generator	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
80	Kauai	Kekaha	Kekaha Sugar Co, Ltd	Medium	Response	Hazard Present	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
81	Kauai	Kekaha	Kekaha Sugar Co, Ltd - Kekaha Wood Treatment Plant	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
82	Kauai	Kilauea	Hale Hoolulu-Kilauea	Low	Response	No Hazard	Ongoing	State
83	Kauai	Kilauea	Kilauea Lighthouse Village Project	NFA	Assessment	No Hazard	NFA	State
84	Kauai	Kilauea	Kilauea Sugar Company Pesticide Mixing and Storage Area	NFA	Response	No Hazard	NFA	PA/SI
85	Kauai	Lihue	Former Ahukini Dump	Low	Assessment	Hazard Present	Ongoing	State
86	Kauai	Lihue	Grace Pacific Corporation - Hanamaulu Facility	High	Assessment	Hazard Undetermined	Ongoing	State
87	Kauai	Lihue	Koamalu Plantation LLC Condominium	Medium	Response	Hazard Undetermined	Ongoing	State
88	Kauai	Lihue	Lihue Plantation Co, Ltd	High	Response	Hazard Present	Ongoing	Brownfields
89	Kauai	Lihue	Lihue Plantation Co, Ltd - Lihue Sugar Mill and Power Plant	Medium	Assessment	Hazard Undetermined	Ongoing	Brownfields
90	Kauai	Lihue	Nawiliwili Fuel Distribution Terminal	Low	Response	Hazard Undetermined	Ongoing	State
91	Kauai	Lihue	Nawiliwili Harbor Pier 1 Fuel Contamination	Low	Assessment	Hazard Undetermined	Ongoing	State
92	Kauai	Lihue	Nawiliwili Harbor Pier 2 Oil Spill	Low	Assessment	Hazard Undetermined	Inactive	State
93	Kauai	Lihue	Nawiliwili Harbor Pier 3 Bollard Foundation Construction	Low	Assessment	Hazard Undetermined	Inactive	State
94	Kauai	Lihue	Nawiliwili Harbor Pier 3 Improvements	Low	Response	Hazard Present	Ongoing	State
95	Kauai	Mana Plain	Mana Plain Wetland Restoration	NFA	Assessment	No Hazard	NFA	State
96	Kauai	Puhi	Grove Farm Company at Puhi	Medium	Assessment	Hazard Present	Ongoing	State
97	Kauai	Wailua	Coco Palms Sewage Pump Station	Low	Assessment	Hazard Undetermined	Inactive	State
98	Kauai	Waimea	Meadow Gold Dairies, Inc- Waimea	Low	Response	Hazard Present	Inactive	State
99	Kauai	Waimea	Navy MFH PMRF Barking Sands	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
100	Kure Atoll	Kure Atoll	Kure Atoll, U.S. Coast Guard	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
101	Maui	Haiku	MECO Pole-Mount Transformer 8857	NFA	Response	No Hazard	NFA	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
102	Maui	Hana	Kaeleku Plantation Company Mill	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
103	Maui	Kahului	A&B Central Power Plant Pipelines	Medium	Assessment	Hazard Undetermined	Ongoing	State
104	Maui	Kahului	A&B Properties, Inc., Suspected Former Agricultural Deep Soil Dump	Low	Assessment	Hazard Undetermined	Inactive	State
105	Maui	Kahului	Costco #119 Maui Addition Lot 21A	Medium	Assessment	Hazard Undetermined	Ongoing	VRP
106	Maui	Kahului	Fong Construction	Low	Assessment	Hazard Undetermined	Inactive	State
107	Maui	Kahului	HIANG Kahului	Low	Assessment	Hazard Undetermined	Inactive	HIANG Site
108	Maui	Kahului	Hobron Ave Area (Kahului)	Low	Response	Hazard Present	Ongoing	State
109	Maui	Kahului	Kahului Fuel Distribution Terminal	Low	Response	Hazard Present	Ongoing	State
110	Maui	Kahului	Kahului Terminal	Low	Response	Hazard Present	Ongoing	State
111	Maui	Kahului	Maui Pineapple Co Ltd, Kane Street	Medium	Response	Hazard Undetermined	Ongoing	State
112	Maui	Kahului	Maui Pineapple Co Ltd, Kane Street Lot 2 Cannery Building Portion	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
113	Maui	Kahului	MECO Pad-Mount Transformer No. 13702	NFA	Response	No Hazard	NFA	State
114	Maui	Kahului	MECO Pole-Mount Transformer No. 6930	Low	Assessment	Hazard Undetermined	Inactive	State
115	Maui	Kahului	MECO Station-Class Transformer No. 6369	NFA	Response	No Hazard	NFA	State
116	Maui	Kahului	MECO Vehicle 411	NFA	Response	Hazard Present	NFA	State
117	Maui	Kahului	Sears Auto Center	Low	Assessment	Hazard Undetermined	Inactive	State
118	Maui	Kahului	VIP Warehouse	Low	Assessment	Hazard Present	Ongoing	State
119	Maui	Kihei	MECO Transformer No 8554	NFA	Response	No Hazard	NFA	State
120	Maui	Kihei	Selland Construction Inc, Kihei Base Yard	Low	Response	Hazard Undetermined	Inactive	State
121	Maui	Kula	MECO Pad-Mount Transformer 6324	NFA	Response	No Hazard	NFA	State
122	Maui	Kula	MECO Transformer 6371	NFA	Response	No Hazard	NFA	State
123	Maui	Kula	MECO Transformers Kula	NFA	Response	No Hazard	NFA	State
124	Maui	Lahaina	Kapalua Resort Company	Low	Assessment	Hazard Undetermined	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
125	Maui	Lahaina	Lahaina Cannery Mall Phase II Assessment	Low	Response	Hazard Undetermined	Ongoing	State
126	Maui	Lahaina	MECO Pad-Mount Transformer No. 16019	NFA	Response	No Hazard	NFA	State
127	Maui	Lahaina	MECO submersible Transformer No. 4726	Low	Assessment	Hazard Undetermined	Inactive	State
128	Maui	Lahaina	Olowalu Company Sugar Mill	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
129	Maui	Paia	Paia Sugar Mill	Medium	Assessment	Hazard Present	Ongoing	PA/SI
130	Maui	Pukalani	Maui Pineapple Co Ltd, Corn Mill Camp	High	Assessment	Hazard Present	Ongoing	State
131	Maui	Puunene	Old Puunene Airport Soil Contamination	Low	Assessment	Hazard Undetermined	Ongoing	State
132	Maui	Wailuku	Organizational Maintenance Shop #3 (OMS #3)	Low	Assessment	Hazard Undetermined	Ongoing	HIANG Site
133	Maui	Wailuku	Waiale Ash Pile	Low	Response	Hazard Present	Ongoing	State
134	Maui	Wailuku	Wailuku Sugar Agricultural Department Pesticide Mixing	Medium	Assessment	Hazard Managed With Institutional Controls	Ongoing	Site Discovery
135	Maui	Wailuku	Wailuku Sugar Company Pesticide Mixing Area	NFA	Response	No Hazard	NFA	Site Discovery
136	Molokai	Hoolehua	Grace Pacific Corporation Manawainui, Molokai Facility	Low	Response	Hazard Present	Ongoing	State
137	Molokai	Ilio Point	Long Range Navigation Station Ilio Point	Medium	Response	Hazard Present	Ongoing	State
138	Molokai	Ilio Point	Long Range Navigation Station Ilio Point UST	Low	Assessment	Hazard Undetermined	Ongoing	State
139	Molokai	Kaunakakai	DLNR Water Line Installation	Medium	Assessment	Hazard Undetermined	Ongoing	State
140	Molokai	Kaunakakai	Galiher-Ono Property	Medium	Response	Hazard Present	Ongoing	State
141	Molokai	Kaunakakai	Hawaiian Eye Center	Low	Assessment	Hazard Undetermined	Inactive	State
142	Molokai	Kaunakakai	Island Petroleum, Inc (Kaunakakai Terminal)	Low	Response	Hazard Present	Ongoing	State
143	Molokai	Kaunakakai	Kaunakakai Drainage System B	Medium	Assessment	Hazard Undetermined	Ongoing	State
144	Molokai	Kaunakakai	Molokai Community Service Center	Medium	Response	Hazard Present	Ongoing	State
145	Molokai	Maunaloa	Molokai Ranch Pineapple Pesticide and Maintenance Operations	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
146	Oahu	Aiea	98-121 Lipoa Place	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
147	Oahu	Aiea	98-151 Lipoa Place	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
148	Oahu	Aiea	Aiea Stream	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
149	Oahu	Aiea	Aiea Sugar Mill Lot 15	High	Response	Hazard Managed With Engineering Controls	Ongoing	VRP
150	Oahu	Aiea	Grace Pacific Corporation - Halawa Valley Street	Low	Response	Hazard Present	Ongoing	State
151	Oahu	Aiea	Hawaii Baking Company	Low	Assessment	Hazard Undetermined	Inactive	State
152	Oahu	Aiea	HECO Transformer 52091	Low	Assessment	Hazard Undetermined	Inactive	State
153	Oahu	Aiea	Navy MFH Halawa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
154	Oahu	Aiea	Navy MFH McGrew Point	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
155	Oahu	Aiea	Sears Facility #1578 at Pearlridge Mall Elevator Jack	Low	Response	Hazard Present	Ongoing	State
156	Oahu	Aiea	Sears Facility #1578 at Pearlridge Mall Hydraulic Hoist	Low	Response	Hazard Present	Ongoing	State
157	Oahu	Barbers Point	Aloha Petroleum, Barbers Pt Sales Terminal (Formerly Texaco/Equilon)	Low	Response	Hazard Present	Ongoing	State
158	Oahu	Barbers Point	Barbers Point Harbor Expansion	Low	Response	Hazard Undetermined	Ongoing	State
159	Oahu	Barbers Point	Barbers Point Harbor Pier 5	Low	Assessment	Hazard Undetermined	Inactive	State
160	Oahu	Barbers Point	Barbers Point Harbor Pier 7 and Storage Yard S-6	Low	Assessment	Hazard Undetermined	Inactive	State
161	Oahu	Camp HM Smith	Marines MFH Camp Smith	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
162	Oahu	Ewa	Ewa Mill Manager's Mansion and Three-House Camp	Low	Response	Hazard Undetermined	Inactive	Brownfields
163	Oahu	Ewa	Waipahu Garden Center	Low	Assessment	Hazard Undetermined	Ongoing	Brownfields

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
164	Oahu	Ewa Beach	BHP Gas Express Station 43 Ewa Repair Shop	Low	Assessment	Hazard Undetermined	Ongoing	State
165	Oahu	Ewa Beach	Palailai Landfill	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
166	Oahu	Fort Shafter	Army MFH FS Funston Village	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
167	Oahu	Fort Shafter	Army MFH FS Hauoli Heights North	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
168	Oahu	Fort Shafter	Army MFH FS Hauoli Heights South	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
169	Oahu	Fort Shafter	Army MFH FS Palm Circle	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
170	Oahu	Fort Shafter	Army MFH FS Radar Hill	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
171	Oahu	Fort Shafter	Army MFH FS Rice Manor	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
172	Oahu	Fort Shafter	Army MFH FS Simpson-Wisser Community Center	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
173	Oahu	Fort Shafter	Army MFH FS Simpson-Wisser Neighborhood	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
174	Oahu	Haleiwa	Haleiwa Chevron Service Station	Medium	Response	Hazard Undetermined	Ongoing	State
175	Oahu	Haleiwa	Twin Bridge Road Drum Dumping-Haleiwa	Low	Response	Hazard Present	Ongoing	State
176	Oahu	Helemano MR	Army MFH HMR Kalapana	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
177	Oahu	Helemano MR	Army MFH HMR Kekona	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
178	Oahu	Helemano MR	Army MFH HMR Kuapale	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
179	Oahu	Hickam AFB	Air Force MFH HAFB CGO-FGO Minor Renovation	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
180	Oahu	Hickam AFB	Air Force MFH HAFB Challenger Loop Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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 Earhart I-1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
182	Oahu	Hickam AFB	Air Force MFH HAFB Earhart I-2	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
183	Oahu	Hickam AFB	Air Force MFH HAFB Earhart I-3	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
184	Oahu	Hickam AFB	Air Force MFH HAFB Earhart I-4	High	Response	Hazard Managed With Engineering Controls	NFA	State
185	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
186	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Village Park II-1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
187	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Village Park II-4	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
188	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 01	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
189	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 02	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
190	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 03	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
191	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 04	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
192	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 05	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
193	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 06	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
194	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 07	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
195	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 08	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
196	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 08 South	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
197	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 09	High	Response	Hazard Managed With Engineering Controls	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
198	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 10	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
199	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 11	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
200	Oahu	Hickam AFB	Air Force MFH HAFB GO-SO Historic Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
201	Oahu	Hickam AFB	Air Force MFH HAFB Hale Na Koa I-1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
202	Oahu	Hickam AFB	Air Force MFH HAFB Hale Na Koa Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
203	Oahu	Hickam AFB	Air Force MFH HAFB Hickam Field NCO Area	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
204	Oahu	Hickam AFB	Air Force MFH HAFB Hickam Field Officer Area	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
205	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 01	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
206	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 02	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
207	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 03	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
208	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 04	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
209	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 05	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
210	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 06	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
211	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 07	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
212	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 08	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
213	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 09	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
214	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 10	High	Response	Hazard Managed With Engineering Controls	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
215	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
216	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-2	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
217	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-3	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
218	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
219	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 2	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
220	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 3	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
221	Oahu	Hickam AFB	Air Force MFH HAFB SO Minor Renovation	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
222	Oahu	Hickam AFB	Air Force MFH Hickam Communities Remedial Action	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
223	Oahu	Hickam Air Force Base	Hickam AFB HIANG F22 Parking Apron	Low	Response	Hazard Present	Ongoing	State
224	Oahu	Honolulu	158 Sand Island Access Rd	Medium	Response	Hazard Present	Ongoing	State
225	Oahu	Honolulu	180 Sand Island Access Rd	Medium	Response	Hazard Present	Ongoing	State
226	Oahu	Honolulu	1800 Vancouver Drive	Medium	Assessment	Hazard Undetermined	Ongoing	State
227	Oahu	Honolulu	1950 Homerule Street	Low	Assessment	Hazard Present	Ongoing	State
228	Oahu	Honolulu	2135 Auiki St	Medium	Response	Hazard Present	Ongoing	State
229	Oahu	Honolulu	218 Mohonua Place	Medium	Response	Hazard Present	Ongoing	State
230	Oahu	Honolulu	2250 Pahounui Drive	Medium	Assessment	Hazard Present	Ongoing	State
231	Oahu	Honolulu	2343 North King Street	Medium	Assessment	Hazard Undetermined	Ongoing	State
232	Oahu	Honolulu	373 North Nimitz Highway	Medium	Response	Hazard Present	Ongoing	State
233	Oahu	Honolulu	420-470 North Nimitz Highway	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
234	Oahu	Honolulu	580 North Nimitz Highway	Low	Response	Hazard Managed With Engineering Controls	Inactive	State
235	Oahu	Honolulu	595 Ala Moana Black Oil Pipeline	Low	Assessment	Hazard Undetermined	Ongoing	State
236	Oahu	Honolulu	700 N Nimitz IDPP Release	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
237	Oahu	Honolulu	755 N Nimitz Hwy	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
238	Oahu	Honolulu	775 North Nimitz Highway	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
239	Oahu	Honolulu	801 South Hotel Street	Medium	Assessment	Hazard Undetermined	Ongoing	State
240	Oahu	Honolulu	836 Kawaihau Street	Low	Response	Hazard Undetermined	Ongoing	State
241	Oahu	Honolulu	Ala Moana WWPS Force Main #3 and #4	Medium	Response	Hazard Present	Ongoing	State
242	Oahu	Honolulu	Ala Wai Harbor Fuel Dock	NFA	Response	No Hazard	NFA	State
243	Oahu	Honolulu	Alii #3282	Medium	Response	Hazard Present	Ongoing	State
244	Oahu	Honolulu	Allstate Industrial & Marine Cleaning, Inc.	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
245	Oahu	Honolulu	Aloha Tower Development	Low	Assessment	Hazard Present	Ongoing	State
246	Oahu	Honolulu	ARCO AM/PM #82102 (Texaco 61-100-0043)	Low	Response	Hazard Present	Ongoing	State
247	Oahu	Honolulu	Army MFH AMR Bougainville	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
248	Oahu	Honolulu	Army MFH AMR Hibiscus	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
249	Oahu	Honolulu	Army MFH AMR Makai View	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
250	Oahu	Honolulu	Army MFH AMR Plumeria	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
251	Oahu	Honolulu	Army MFH AMR Rim Loop	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
252	Oahu	Honolulu	Army MFH AMR Skyview	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
253	Oahu	Honolulu	Army MFH AMR Valley View	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
254	Oahu	Honolulu	BHP Gasco Benzene Site	High	Response	Hazard Managed With Institutional Controls	Ongoing	State
255	Oahu	Honolulu	Brewer Environmental Industries-Pacific Street	High	Assessment	Hazard Present	Ongoing	VRP
256	Oahu	Honolulu	BTU Storage Tanks Pier 19	NFA	Response	Hazard Managed With Institutional Controls	NFA	State
257	Oahu	Honolulu	Chevron Honolulu Terminal Marine	Medium	Response	Hazard Present	Ongoing	State
258	Oahu	Honolulu	Chevron Honolulu Transportation Terminal	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
259	Oahu	Honolulu	Chevron Kapalama Northeast Parcel	Medium	Response	Hazard Present	Ongoing	State
260	Oahu	Honolulu	Chevron Kapalama Northwest Parcel	Low	Response	Hazard Present	Ongoing	State
261	Oahu	Honolulu	Chevron Kapalama Terminal	Medium	Response	Hazard Present	Ongoing	State
262	Oahu	Honolulu	Chevron Pier 35 Pipeline Release	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
263	Oahu	Honolulu	Chevron Tanker Truck Loading Rack (TTLR)	High	Assessment	Hazard Undetermined	Ongoing	State
264	Oahu	Honolulu	Citizens Energy Services Pier 38	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
265	Oahu	Honolulu	Coast Guard MFH Red Hill Makai	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
266	Oahu	Honolulu	Coast Guard MFH Red Hill Mauka	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
267	Oahu	Honolulu	DLNR Buried Drum Site	Low	Assessment	Hazard Managed With Institutional Controls	Inactive	State
268	Oahu	Honolulu	Dole Iwilei	Medium	Assessment	Hazard Present	Ongoing	State
269	Oahu	Honolulu	Domestic Commercial Fishing Village	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
270	Oahu	Honolulu	Equilon Enterprises LLC Honolulu Terminal	Low	Response	Hazard Present	Ongoing	State
271	Oahu	Honolulu	Former Kapalama Military Reservation Piers 39 and 40 Pipelines	Medium	Assessment	Hazard Undetermined	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
272	Oahu	Honolulu	Hale Pua Nui UST Removal	Low	Response	Hazard Undetermined	Ongoing	State
273	Oahu	Honolulu	Hart Street WWPS	Low	Response	Hazard Present	Ongoing	State
274	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Airport	Low	Assessment	Hazard Present	Ongoing	State
275	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Airport Relief Valve Release	Low	Response	Hazard Managed With Institutional Controls	NFA	State
276	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Access Road	Low	Assessment	Hazard Undetermined	Inactive	State
277	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Oil/Water Drain Line Release	Low	Response	Hazard Present	Ongoing	State
278	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Slurry Wall Trenching Activity	Medium	Response	Hazard Present	Ongoing	State
279	Oahu	Honolulu	Hawaii Grain Corporation	Low	Assessment	Hazard Undetermined	Ongoing	State
280	Oahu	Honolulu	Hawaii Instrumentation & Controls, Inc	Medium	Response	Hazard Managed With Engineering Controls	Inactive	State
281	Oahu	Honolulu	Hawaii Metal Recycling Company Pier 35	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
282	Oahu	Honolulu	Hawaii Stevedores	Low	Response	Hazard Present	Ongoing	State
283	Oahu	Honolulu	Hawaii Transfer Company, Ltd Pier 36	Low	Response	Hazard Present	Ongoing	State
284	Oahu	Honolulu	Hawaiian Electric Company (HECO) - Iwilei Tank Yard	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
285	Oahu	Honolulu	Hawaiian Electric Company (HECO)- Honolulu Generating Station	Low	Assessment	Hazard Undetermined	Inactive	State Response Program
286	Oahu	Honolulu	Hawaiian Flour Mill	Medium	Response	Hazard Present	Ongoing	State
287	Oahu	Honolulu	Hawaiian Fluid Power Company	Low	Response	Hazard Present	Ongoing	State
288	Oahu	Honolulu	Hawaiian Tug & Barge Corporation	Low	Assessment	Hazard Undetermined	Inactive	State
289	Oahu	Honolulu	HECO Fuel Oil Pipeline Route State Energy Corridor	Low	Assessment	Hazard Undetermined	Ongoing	State
290	Oahu	Honolulu	HECO Substation: Pukele Substation	Low	Assessment	Hazard Undetermined	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
291	Oahu	Honolulu	Honolulu Harbor Iwilei District Operating Parties	Medium	Assessment	Hazard Undetermined	Ongoing	State
292	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU1A	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
293	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU1C	Low	Assessment	Hazard Undetermined	Ongoing	State
294	Oahu	Honolulu	Honolulu High-Capacity Transit Corridor Project	Medium	Assessment	Hazard Present	Ongoing	State
295	Oahu	Honolulu	Honolulu Marine Small Boat Shipyard at Keehi Lagoon	Low	Assessment	Hazard Undetermined	Ongoing	State
296	Oahu	Honolulu	Honolulu Seawater Air Conditioning Project	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
297	Oahu	Honolulu	Honolulu Shipyard, Inc	Low	Response	Hazard Undetermined	Inactive	State
298	Oahu	Honolulu	Interisland Maintenance Facility Site Elliot Street	Low	Response	Hazard Undetermined	Ongoing	State
299	Oahu	Honolulu	Island Movers, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
300	Oahu	Honolulu	Iwilei Fruits and Produce	Low	Response	Hazard Undetermined	Ongoing	State
301	Oahu	Honolulu	Iwilei Project Site (Iwilei Brownfields)	Low	Response	Hazard Present	Inactive	State
302	Oahu	Honolulu	K&Y Auto Service and Wayne's Auto Electric	Low	Assessment	Hazard Present	Ongoing	State
303	Oahu	Honolulu	Kakaako Brownfield Project	High	Response	Hazard Managed With Institutional Controls	Ongoing	State
304	Oahu	Honolulu	Kakaako Brownfield Project - Unit 10	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
305	Oahu	Honolulu	Kakaako Brownfield Project - Unit 2	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
306	Oahu	Honolulu	Kakaako Brownfield Project - Unit 4	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
307	Oahu	Honolulu	Kakaako Brownfield Project - Unit 5	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
308	Oahu	Honolulu	Kakaako Brownfield Project - Unit 6	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
309	Oahu	Honolulu	Kakaako Brownfield Project - Unit 7	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
310	Oahu	Honolulu	Kakaako Brownfield Project - Unit 8	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
311	Oahu	Honolulu	Kakaako Brownfield Project - Unit 9	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
312	Oahu	Honolulu	Kakaako Makai District John Dominis	Medium	Response	Hazard Managed With Institutional Controls	Ongoing	State
313	Oahu	Honolulu	Kakaako Makai District Parking Garage- Unit 1 and 3	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
314	Oahu	Honolulu	Kakaako Makai District Units 2 and 4	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
315	Oahu	Honolulu	Kakaako Makai District Units 6 and 7	High	Response	Hazard Present	Ongoing	Brownfields
316	Oahu	Honolulu	Kakaako Pump Station	Low	Response	Hazard Present	Ongoing	State
317	Oahu	Honolulu	Kalihi and Kalaepaa Intersection	Low	Response	No Hazard	NFA	Site Discovery
318	Oahu	Honolulu	Kamehameha Schools - 1336 Dillingham Boulevard	Medium	Response	Hazard Present	Ongoing	State
319	Oahu	Honolulu	Kapalama Incinerator Off-Site Contamination	Medium	Response	Hazard Managed With Institutional Controls	Ongoing	State
320	Oahu	Honolulu	Keeaumoku Superblock Project	Low	Assessment	No Hazard	Inactive	State
321	Oahu	Honolulu	Kokua Kalihi Valley Active Living Center	Low	Response	Hazard Undetermined	Inactive	Brownfields
322	Oahu	Honolulu	Kuakini Medical Center	Low	Response	Hazard Undetermined	Ongoing	State
323	Oahu	Honolulu	Kuhio Park Terrace Community Center	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
324	Oahu	Honolulu	Kuhio Park Terrace Units D1 and D2	High	Response	No Hazard	Ongoing	State
325	Oahu	Honolulu	Kuhio Park Terrace, Bldg A	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
326	Oahu	Honolulu	Kuhio Park Terrace, Bldg B	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
327	Oahu	Honolulu	Lockheed Air Terminal, Inc	Low	Assessment	Hazard Undetermined	Inactive	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
328	Oahu	Honolulu	Longs Drug Stores Warehouse	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
329	Oahu	Honolulu	McCabe, Hamilton, & Renny Company, Ltd	Low	Response	Hazard Undetermined	Inactive	State
330	Oahu	Honolulu	McDonald's Restaurant Soil & Groundwater Contamination	Low	Assessment	Hazard Present	Ongoing	State
331	Oahu	Honolulu	Miyazaki Honolulu Airport Service Station (Airways Service Station Inc)	Low	Assessment	Hazard Undetermined	Inactive	State
332	Oahu	Honolulu	Moanalua Medical Center and Clinic	Medium	Response	Hazard Present	Ongoing	State
333	Oahu	Honolulu	Navy MFH Camp Stover	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
334	Oahu	Honolulu	Navy MFH Catlin Park	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
335	Oahu	Honolulu	Navy MFH Doris Miller Park	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
336	Oahu	Honolulu	Navy MFH Hale Alii	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
337	Oahu	Honolulu	Navy MFH Hale Moku	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
338	Oahu	Honolulu	Navy MFH Halsey Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
339	Oahu	Honolulu	Navy MFH Hokulani	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
340	Oahu	Honolulu	Navy MFH Hospital Point	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
341	Oahu	Honolulu	Navy MFH Little Makalapa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
342	Oahu	Honolulu	Navy MFH Makalapa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
343	Oahu	Honolulu	Navy MFH Maloelap	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
344	Oahu	Honolulu	Navy MFH Marine Barracks	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
345	Oahu	Honolulu	Navy MFH Moanalua Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
346	Oahu	Honolulu	Navy MFH Radford Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
347	Oahu	Honolulu	Navy MFH Red Hill Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
348	Oahu	Honolulu	Nimitz Highway Water Improvement Project Sumner to Queen	Low	Response	Hazard Present	Ongoing	State
349	Oahu	Honolulu	Nuuanu Auto Company LTD	Low	Assessment	Hazard Undetermined	Ongoing	State
350	Oahu	Honolulu	Palolo Elementary School	Medium	Response	Hazard Undetermined	Inactive	State
351	Oahu	Honolulu	Parking Lot C and J Transformer Replacement	Low	Response	Hazard Undetermined	Ongoing	State
352	Oahu	Honolulu	PHT, Inc. dba Polynesian Hospitality	Low	Response	Hazard Undetermined	Inactive	State
353	Oahu	Honolulu	Pier 12 and Pier 15 Improvements	Medium	Assessment	Hazard Undetermined	Ongoing	State
354	Oahu	Honolulu	Pier 19 Honolulu Harbor	Medium	Assessment	Hazard Undetermined	Inactive	State
355	Oahu	Honolulu	Pukoloa Wood Treating Site	Medium	Response	Hazard Present	Ongoing	State
356	Oahu	Honolulu	Sause Brothers	Low	Response	Hazard Present	Ongoing	State
357	Oahu	Honolulu	Sears Ala Moana	High	Response	Hazard Undetermined	Ongoing	State
358	Oahu	Honolulu	Servco Pacific, Inc- Kalihi	Low	Assessment	Hazard Undetermined	Inactive	State
359	Oahu	Honolulu	Shidler College of Business Site Improvements	Low	Assessment	Hazard Undetermined	Inactive	State
360	Oahu	Honolulu	Tesoro Hawaii Corporation, Terminal Department-Sand Island	Medium	Response	Hazard Present	Ongoing	State
361	Oahu	Honolulu	Theo Davies Caterpillar Repair Site	Low	Response	Hazard Managed With Engineering Controls	Inactive	State
362	Oahu	Honolulu	Tosco Honolulu Bulk Distribution Terminal	High	Response	Hazard Present	Ongoing	VRP
363	Oahu	Honolulu	Towco - Sand Island	Low	Assessment	Hazard Undetermined	Inactive	State
364	Oahu	Honolulu	USPS Vehicle Maintenance Facility	Low	Response	Hazard Present	Ongoing	State
365	Oahu	Honolulu	Waikiki Sand Villa II	Low	Assessment	Hazard Undetermined	Inactive	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
366	Oahu	Honolulu	Wallys Garden Center	Medium	Assessment	Hazard Present	Inactive	State
367	Oahu	Honolulu	Weyerhaeuser	Low	Response	Hazard Present	Inactive	State
368	Oahu	Honolulu	Yee Hop Building Maunakea Street	Low	Response	Hazard Present	Ongoing	State
369	Oahu	Honolulu	Yee Hop Property	Low	Assessment	Hazard Undetermined	Ongoing	State
370	Oahu	Honolulu	Young Brothers, Ltd Piers 24-28	Medium	Response	Hazard Present	Ongoing	State
371	Oahu	Honolulu	Young Brothers, Ltd. Piers 39, 40	Low	Assessment	Hazard Undetermined	Inactive	State
372	Oahu	Honolulu	Zippy's 634 N Nimitz Highway	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
373	Oahu	Kahaluu	HECO Transformer 56646	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
374	Oahu	Kailua	33 Oneawa St	NFA	Response	No Hazard	NFA	Site Discovery
375	Oahu	Kailua	C&C Facility Maintenance Kapaa Quarry Rd. Baseyard	Medium	Response	Hazard Present	Ongoing	State
376	Oahu	Kailua	Hawaii Youth Correctional Facility	Low	Assessment	Hazard Present	Ongoing	State
377	Oahu	Kailua	Honolulu Skeet Club	Medium	Response	Hazard Managed With Institutional Controls	Ongoing	State
378	Oahu	Kailua	Ironwoods at Kailua	NFA	Response	Hazard Managed With Engineering Controls	NFA	Fast Track
379	Oahu	Kailua	Kapaa Landfill - Kapaa Quarry Road	Medium	Response	Hazard Undetermined	Inactive	State
380	Oahu	Kailua	Malunui Avenue Oil Contamination	Low	Assessment	Hazard Undetermined	Inactive	State
381	Oahu	Kaneohe	Caesar's Cleaners	Medium	Response	Hazard Managed With Engineering Controls	Inactive	State
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

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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 Hillside	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	91-210 Kalaeloa Boulevard	Low	Response	No Hazard	NFA	State
396	Oahu	Kapolei	Barge Harbor Soil Contamination	Medium	Assessment	Hazard Undetermined	Inactive	State
397	Oahu	Kapolei	Chevron USA Products Co., Hawaii Refinery Tank Sludge	Medium	Assessment	Hazard Undetermined	Inactive	State
398	Oahu	Kapolei	Chevron USA Products Co., Hawaii Refinery, Marine Line Release	Low	Response	Hazard Present	Inactive	State
399	Oahu	Kapolei	Con-Fab Hawaii Corporation	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
400	Oahu	Kapolei	CoVan Warehouse	Low	Response	Hazard Present	Inactive	State
401	Oahu	Kapolei	East Kapolei Hoopili	NFA	Assessment	No Hazard	NFA	State
402	Oahu	Kapolei	Ewa Feedlot Property	Medium	Response	Hazard Present	Ongoing	Brownfields
403	Oahu	Kapolei	Hanua Street Fugitive Oil	Low	Assessment	Hazard Undetermined	Inactive	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
404	Oahu	Kapolei	HECO - Campbell Industrial Park Substation	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
405	Oahu	Kapolei	HECO Generating Station: Kahe Power Plant	NFA	Response	No Hazard	NFA	State
406	Oahu	Kapolei	HECO Pad-mount Transformer 45530	NFA	Response	No Hazard	NFA	State
407	Oahu	Kapolei	Honolulu Wood Treating Company, Ltd	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	VRP
408	Oahu	Kapolei	Kalaeloa Cogeneration Plant	Low	Assessment	Hazard Undetermined	Inactive	State
409	Oahu	Kapolei	Oahu Petroleum	NFA	Response	Hazard Managed With Institutional Controls	NFA	State
410	Oahu	Kapolei	Tileco, Inc	Medium	Response	Hazard Undetermined	Ongoing	State
411	Oahu	Kapolei	UH West Oahu Campus	NFA	Assessment	No Hazard	NFA	State
412	Oahu	Kekaha	Senter Petroleum Kekaha Cardlock	Low	Response	Hazard Present	NFA	Site Discovery
413	Oahu	Kunia	Central Oahu Wells	Low	Assessment	Hazard Undetermined	Ongoing	State
414	Oahu	Kunia	Del Monte Kunia Former Maintenance Shop	Low	Response	No Hazard	NFA	State
415	Oahu	Kunia	Ewa Sugar Mill/Oahu Sugar Co. - Kunia Staging Area	Medium	Response	Hazard Present	Ongoing	State
416	Oahu	Kunia	Kunia Wells I	Low	Assessment	Hazard Undetermined	Ongoing	State
417	Oahu	Kunia	Kunia Wells II	Low	Assessment	Hazard Undetermined	Ongoing	State
418	Oahu	Laie	Laie Plantation Mill	Low	Assessment	No Hazard	Ongoing	Site Discovery
419	Oahu	Maili	84-Acre Portion of the Former Voice of America Site	Low	Assessment	Hazard Undetermined	Ongoing	State
420	Oahu	Makakilo	Grace Pacific Corporation - Makakilo Quarry	Low	Assessment	Hazard Undetermined	Ongoing	VRP
421	Oahu	Mililani	Mililani Wells I	Low	Assessment	Hazard Undetermined	Ongoing	State
422	Oahu	Nanakuli	Kaiser Cement Corp Waianae Point	Medium	Response	Hazard Present	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
423	Oahu	Pearl City	Hawaii Army National Guard Waiawa Gulch	Low	Response	Hazard Present	Ongoing	State
424	Oahu	Pearl City	HECO Generating Station: Waiau	Medium	Response	Hazard Undetermined	Inactive	State
425	Oahu	Pearl City	HECO Waiau Generating Station Tank 4	Low	Response	Hazard Present	Ongoing	State
426	Oahu	Pearl City	Marines MFH Manana	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
427	Oahu	Pearl City	Navy MFH Manana	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
428	Oahu	Pearl City	Navy MFH Pearl City Peninsula	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
429	Oahu	Pearl City	Pearl City Urban Garden Center	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
430	Oahu	Pearl City	Waiawa Shaft	Low	Assessment	Hazard Undetermined	Ongoing	State
431	Oahu	Pearl City	Waimano Home Campus	Low	Assessment	Hazard Managed With Engineering Controls	Inactive	Brownfields Site
432	Oahu	Pearl Harbor	Ewa Junction Fuel Drumming Facility	NFA	Response	Hazard Managed With Engineering Controls	Ongoing	State
433	Oahu	Schofield Barracks	Army MFH SB Akolea	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
434	Oahu	Schofield Barracks	Army MFH SB Aloala	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
435	Oahu	Schofield Barracks	Army MFH SB Canby	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
436	Oahu	Schofield Barracks	Army MFH SB Generals Loop	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
437	Oahu	Schofield Barracks	Army MFH SB Hamilton	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
438	Oahu	Schofield Barracks	Army MFH SB Kaena	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
439	Oahu	Schofield Barracks	Army MFH SB Leader Field	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
440	Oahu	Schofield Barracks	Army MFH SB Mendonca Park	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
441	Oahu	Schofield Barracks	Army MFH SB Moyer	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
442	Oahu	Schofield Barracks	Army MFH SB Patriot	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
443	Oahu	Schofield Barracks	Army MFH SB Porter	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
444	Oahu	Schofield Barracks	Army MFH SB Ralston	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
445	Oahu	Schofield Barracks	Army MFH SB Santa Fe	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
446	Oahu	Schofield Barracks	Army MFH SB Solomon	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
447	Oahu	Tripler AMC	Army MFH TAMC Rainbow Village	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
448	Oahu	Wahiawa	Galbraith Estate Property	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
449	Oahu	Wahiawa	Navy MFH NCTAMS PAC Wahiawa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
450	Oahu	Waialua	Waialua Sugar Mill Settling Ponds	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	VRP
451	Oahu	Waialua	Waialua Sugar Mill VRP Site	High	Response	Hazard Present	Ongoing	VRP
452	Oahu	Waianae	HECO Substation: Mikilua Substation	NFA	Response	No Hazard	NFA	State
453	Oahu	Waianae	Industrial Technology Tire Pile	Medium	Assessment	Hazard Undetermined	Ongoing	State
454	Oahu	Waianae	Waianae Elementary School diesel UST	Low	Assessment	Hazard Undetermined	Ongoing	State
455	Oahu	Waimanalo	Air Force MFH Bellows Renovation	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
456	Oahu	Waimanalo	HECO Transformer 27728 (Vault 3032)	NFA	Response	No Hazard	NFA	State
457	Oahu	Waimanalo	University of Hawaii, Waimanalo Experimental Farm	Low	Assessment	Hazard Undetermined	Inactive	State

HSRP STATE LIST OF PRIORITY SITES FY2013

Hawaii State Response Program List of Priority Sites FY2013								
<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>	
458	Oahu	Waimanalo	Waimanalo Areawide Groundwater Contamination	Low	Assessment	Hazard Present	Inactive	PA/SI
459	Oahu	Waimanalo	Waimanalo Sugar Company DHHL Parcel	NFA	Assessment	No Hazard	NFA	Site Discovery
460	Oahu	Waipahu	94-143 Leokane Street	NFA	Assessment	Hazard Managed With Engineering Controls	NFA	State
461	Oahu	Waipahu	Navy MFH Ford Island	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
462	Oahu	Waipahu	Waipio Heights Wells II	Low	Assessment	Hazard Undetermined	Ongoing	State
463	Oahu	Waipio	Ewa Sugar Mill/Oahu Sugar Co. - Waipio Peninsula	High	Assessment	Hazard Managed With Engineering Controls	Ongoing	State
464	Oahu	Wheeler AAF	Army MFH WAAF Kunia	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
465	Oahu	Wheeler AAF	Army MFH WAAF Puali North	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
466	Oahu	Wheeler AAF	Army MFH WAAF Puali South	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
467	Oahu	Wheeler AAF	Army MFH WAAF Wiliwili	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

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HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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 Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
2	Hawaii	Army, Corps of Engineers	FUDS Firing Range and Camp, Lalamilo, Hawaii	High	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
3	Hawaii	Army, Corps of Engineers	FUDS Ka'u Bombing Range	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
4	Hawaii	Army, Corps of Engineers	FUDS Keaau Bombing Target	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
5	Hawaii	Army, Corps of Engineers	FUDS Mahukona Range	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
6	Hawaii	Army, Corps of Engineers	FUDS Nansay Hawaii	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
7	Hawaii	Army, Corps of Engineers	FUDS Pakini Bombing Range	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
8	Hawaii	Army, Corps of Engineers	FUDS Wahine Maka Nui Target	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
9	Hawaii	Army, Corps of Engineers	FUDS Waikoloa Maneuver Area	Low	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
10	Hawaii	Army, Kilauea Military Camp	Kilauea Military Camp	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
11	Hawaii	Army, Kilauea Military Camp	Kilauea Military Camp, POL Area, Former Lab, & Former Landfill	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
12	Hawaii	Army, Kilauea Military Camp	Kilauea Military Reservation Kau Desert Impact Training Area	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
13	Hawaii	Army, Kilauea Military Camp	Kilauea Military Reservation MMRP	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
14	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area MMRP	Medium	Response Not Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
15	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area, Pu'u Pa'a	High	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
16	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area, Vehicle Refueling Area	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
17	Johnston Atoll	Army, Johnston Atoll	Johnston Atoll, Pacific Ocean	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Army

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
18	Kahoolawe	Navy, Marine Corps	Kahoolawe Island	Low	Assessment Ongoing	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 Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
23	Kauai	Army, Corps of Engineers	FUDS Grove Farm Artillery Range, Kauai	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
24	Kauai	Army, Corps of Engineers	FUDS Waimea Training Site	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
25	Kauai	Navy	Pacific Missile Range Facility	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
26	Kauai	Navy, Pacific Missile Range Facility	PMRF, Battery Acid Disposal Pit	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
27	Kauai	Navy, Pacific Missile Range Facility	PMRF, Crash Crew Firefighting Pit 1	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
28	Kauai	Navy, Pacific Missile Range Facility	PMRF, Firefighting Pit No. 2	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
29	Kauai	Navy, Pacific Missile Range Facility	PMRF, Former Oil and Fuel Pipeline and Former Regulus Defueling Pit	NFA	Response Not Necessary	No Hazard Present For Unrestricted Residential Use	NFA	IRP
30	Kauai	Navy, Pacific Missile Range Facility	PMRF, JP-4 Tanker Truck Pod and Reclamite Asphalt Rejuvenator Drum Burial Site	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
31	Kauai	Navy, Pacific Missile Range Facility	PMRF, Landfills 5, 6, & 7	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
32	Kauai	Navy, Pacific Missile Range Facility	PMRF, Torpedo Postrun Facility Drain	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
33	Kauai	Navy, Pacific Missile Range Facility	PMRF, Transformer Substation System	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
34	Lanai	Army, Corps of Engineers	FUDS Lanai Bombing Targets	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
35	Lanai	Army, Corps of Engineers	FUDS Lanai Radar Station	Low	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
36	Maui	Army, Corps of Engineers	FUDS Gunnery Site, Makawao	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
37	Maui	Army, Corps of Engineers	FUDS Kane Puu Naval Bombing Range	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
38	Maui	Army, Corps of Engineers	FUDS Maui Bombing Targets	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
39	Maui	Army, Corps of Engineers	FUDS Opana Point	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
40	Molokai	Army, Corps of Engineers	FUDS Makanalaua Bombing Range	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
41	Molokai	Army, Corps of Engineers	FUDS Molokai Bombing Targets - Punakua	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	FUDS
42	Molokai	Army, Corps of Engineers	FUDS Unexploded Ordnance Removal, Molokini Island	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
43	Molokai	Army, Corps of Engineers	Puu Kapele	Low	Assessment Ongoing	Hazard Undetermined	Inactive	FUDS
44	Oahu	Air Force, Bellows Air Force Station	Bellows AFB SS05	Low	Assessment	Hazard Undetermined	Ongoing	IRP
45	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC10	Low	Assessment	Hazard Undetermined	Ongoing	IRP
46	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC18	Low	Assessment	Hazard Undetermined	Ongoing	IRP
47	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC20	Low	Assessment	Hazard Undetermined	Ongoing	IRP
48	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC21	Low	Assessment	Hazard Undetermined	Ongoing	IRP
49	Oahu	Air Force, Bellows Air Force Station	Bellows AFS DP06	Low	Assessment	Hazard Undetermined	Ongoing	IRP
50	Oahu	Air Force, Bellows Air Force Station	Bellows AFS DP17	Low	Assessment	Hazard Undetermined	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
51	Oahu	Air Force, Bellows Air Force Station	Bellows AFS EA03	Low	Assessment	Hazard Undetermined	Ongoing	IRP
52	Oahu	Air Force, Bellows Air Force Station	Bellows AFS EA04	Low	Assessment	Hazard Undetermined	Ongoing	IRP
53	Oahu	Air Force, Bellows Air Force Station	Bellows AFS EA05	Low	Assessment	Hazard Undetermined	Ongoing	IRP
54	Oahu	Air Force, Bellows Air Force Station	Bellows AFS EA09	Low	Assessment	Hazard Undetermined	Ongoing	IRP
55	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA39, Former Large Bomb Range	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
56	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA40, Former Skeet Range	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
57	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA43, Urban Warfare Training Facility	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
58	Oahu	Air Force, Bellows Air Force Station	Bellows AFS OU1	Low	Assessment	Hazard Undetermined	Ongoing	IRP
59	Oahu	Air Force, Bellows Air Force Station	Bellows AFS OU7	Low	Assessment	Hazard Undetermined	Ongoing	IRP
60	Oahu	Air Force, Bellows Air Force Station	Bellows AFS SD04	Low	Assessment	Hazard Undetermined	Ongoing	IRP
61	Oahu	Air Force, Bellows Air Force Station	Bellows AFS SD22	Low	Assessment	Hazard Undetermined	Ongoing	IRP
62	Oahu	Air Force, Bellows Air Force Station	Bellows AFS SS21	Low	Assessment	Hazard Undetermined	Ongoing	IRP
63	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST03	Low	Assessment	Hazard Undetermined	Ongoing	IRP
64	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST09	Low	Assessment	Hazard Undetermined	Ongoing	IRP
65	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST11	Low	Assessment	Hazard Undetermined	Ongoing	IRP
66	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST12	Low	Assessment	Hazard Undetermined	Ongoing	IRP
67	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST13	Low	Assessment	Hazard Undetermined	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
68	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST14	Low	Assessment	Hazard Undetermined	Ongoing	IRP
69	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST15	Low	Assessment	Hazard Undetermined	Ongoing	IRP
70	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST16	Low	Assessment	Hazard Undetermined	Ongoing	IRP
71	Oahu	Air Force, Bellows Air Force Station	Bellows Air Force Station	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
72	Oahu	Air Force, Fort Kamehameha	Fort Kamehameha DSPL Site	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
73	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC EA22, Wash Racks/Bldg 2025 and Near Bldg 1055	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
74	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC KNMD-EA01 Potential Landfill	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
75	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC KNMD-EA11 Old HIANG Area	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
76	Oahu	Air Force, Hickam Air Force Base	Hickam AFB Building 1204	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
77	Oahu	Air Force, Hickam Air Force Base	Hickam AFB CF23, Former Mess Hall	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
78	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA1X, Former Skeet Ranges	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
79	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA1X, MRS TS001 Hickam Skeet Range	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
80	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA2X, Small Skeet Range	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
81	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA3X, Former Moving Base Skeet Range	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
82	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA53, Former Fort Kamehameha Small Arms Range	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
83	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA54, Former EOD Proficiency Range	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
84	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST20, EOD Area USTs	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
85	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST28, Hickam Runway USTs & Cesspools	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	NFA	IRP
86	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Signer Residential USTs	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
87	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Hangar Avenue USTs & Abandoned Pipeline	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
88	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Vickers Avenue USTs	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
89	Oahu	Air Force, Hickam Air Force Base	HICKAM AFB ST34, Clean Water Rinse Facility	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
90	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST35, Kuntz Avenue USTs	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
91	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST38, Fort Kamehameha USTs	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
92	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1760 USTs	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	Compliance
93	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1805 USTs	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
94	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1815 UST	Low	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
95	Oahu	Air Force, Hickam Air Force Base	Hickam Former Building 2156 AST	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
96	Oahu	Air Force, Hickam Air Force Base	Waiawa Stream Tributary, Pearl City	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
97	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST01, Kipapa Fuel Storage Annex	High	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
98	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST01C, KFSU UST, OWS, & Cesspool	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
99	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST02, Spill Site ST02 & Valve Pit 26	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
100	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST03, Spill Site ST03 & Valve Pits 14, 15, 15A, & 16	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
101	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST05, Spill Site ST05 and Valve Pits 1 thru 13	Low	Assessment Ongoing	Hazard Undetermined	NFA	IRP
102	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST13, Spill Site ST13	NFA	Response Not Necessary	No Hazard Present For Unrestricted Residential Use	NFA	IRP
103	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST14, Spill Site ST14 & Valve Pit 30	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
104	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST21, Spill Site ST21 & Valve Pit 29	NFA	Response Not Necessary	No Hazard Present For Unrestricted Residential Use	NFA	IRP
105	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST28, Spill Site 28 (Formerly EA05)	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
106	Oahu	Air Force, Kaala Air Force Station	Kaala AFS WP03	Low	Assessment	Hazard Undetermined	Ongoing	IRP
107	Oahu	Air Force, Kaena Point Satellite Tracking Station	Kaena Point STS EA01	Low	Assessment	Hazard Undetermined	Ongoing	IRP
108	Oahu	Air Force, Kaena Point Satellite Tracking Station	Kaena Point STS EA05	Low	Assessment	Hazard Undetermined	Ongoing	IRP
109	Oahu	Air Force, Palehua Solar Observatory	Palehua Solar Observatory	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
110	Oahu	Air Force, Punamano Air Force Station	Punamano Air Force Station	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
111	Oahu	Army	Ordnance Reef Site HI-06	Low	Assessment	Hazard Undetermined	Ongoing	MMRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
112	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
113	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation 1850 Aliamanu Drive	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Army
114	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation, Bunker & Residential Areas	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
115	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation, Seal Tunnel Portals	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
116	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Fort Barrette, Safety Hazard Removal	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
117	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Waikakalaua Ammo Storage Tunnels	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
118	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Waikakalaua Ammunitions Storage Tunnel MMRP	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
119	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Waikakalaua Ammunitions Storage Tunnel MMRP WAST-001-R-02	NFA	Response Not Necessary	No Hazard Present For Unrestricted Residential Use	NFA	MMRP
120	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Waikakalaua Ammunitions Storage Tunnel MMRP WAST-002-R-02	NFA	Response Not Necessary	No Hazard Present For Unrestricted Residential Use	NFA	MMRP
121	Oahu	Army, Corps of Engineers	FUDS Aiea Military Reservation	High	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
122	Oahu	Army, Corps of Engineers	FUDS Center Combat Range	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	FUDS
123	Oahu	Army, Corps of Engineers	FUDS Dillingham Air Force Base	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
124	Oahu	Army, Corps of Engineers	FUDS Haiku Radio Station	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
125	Oahu	Army, Corps of Engineers	FUDS Haleiwa Landing Field	Low	Assessment	Hazard Undetermined	Ongoing	FUDS

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
126	Oahu	Army, Corps of Engineers	FUDS Heeia Combat Training Camp	High	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
127	Oahu	Army, Corps of Engineers	FUDS Kahuku Training Area	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
128	Oahu	Army, Corps of Engineers	FUDS Makapuu Light House	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
129	Oahu	Army, Corps of Engineers	FUDS Mokuhooniki Island	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
130	Oahu	Army, Corps of Engineers	FUDS Oahu Target Island	High	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
131	Oahu	Army, Corps of Engineers	FUDS Offshore Waianae Sewage Outfall	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
132	Oahu	Army, Corps of Engineers	FUDS Pacific Jungle Combat Training Area	High	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
133	Oahu	Army, Corps of Engineers	FUDS Pali Training Camp	High	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
134	Oahu	Army, Corps of Engineers	FUDS Popoki Target Area	High	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
135	Oahu	Army, Corps of Engineers	FUDS Rabbit Island	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	DSMOA
136	Oahu	Army, Corps of Engineers	FUDS Range D-400-L	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	FUDS
137	Oahu	Army, Corps of Engineers	FUDS Waiawa Training Area	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	FUDS
138	Oahu	Army, Corps of Engineers	FUDS Waikane Training Area	High	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
139	Oahu	Army, Corps of Engineers	FUDS Wailua Artillery Impact Area	High	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
140	Oahu	Army, Corps of Engineers	FUDS Waimea Falls Park	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	FUDS
141	Oahu	Army, Dillingham Military Reservation	Dillingham Military Reservation, Former Transformer Site	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
142	Oahu	Army, Fort DeRussy	Fort DeRussy, Former Leaking UST Site (Bldg 107 & 108)	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
143	Oahu	Army, Fort Shafter	Fort Shafter, Building 1527	Low	Response Necessary	No Hazard Present For Unrestricted Residential Use	Ongoing	IRP
144	Oahu	Army, Fort Shafter	Fort Shafter, Drill Field, Pistol Range, and Rifle Ranges 1 & 2	Low	Response Necessary	Hazard Undetermined	Ongoing	MMRP
145	Oahu	Army, Kahuku Training Area	Kahuku Training Area, Former Transformer Site	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
146	Oahu	Army, Kapalama Military Reservation	Kapalama Military Reservation South Oahu Location	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Army
147	Oahu	Army, Kunia Military Reservation	Kunia Field Station	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
148	Oahu	Army, Kunia Military Reservation	Kunia Field Station, Microwave Tower & Building 25	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
149	Oahu	Army, Makua Military Reservation	Makua Military Reservation MMRP	High	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
150	Oahu	Army, Makua Military Reservation	Makua Military Reservation MMRP MAKU-002-R-02	NFA	Response Not Necessary	No Hazard Present For Unrestricted Residential Use	NFA	MMRP
151	Oahu	Army, Schofield Barracks	Building Quad-J	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Army
152	Oahu	Army, Schofield Barracks	Schofield Barracks Buildings 652, 649, 650	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Army
153	Oahu	Army, Schofield Barracks	Schofield Barracks NCO Academy Building 6055	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Army
154	Oahu	Army, Schofield Barracks	Schofield Barracks Site 26 Car Care	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
155	Oahu	Army, Schofield Barracks	Schofield Barracks, Garden Gulch	Low	Assessment Ongoing	Hazard Undetermined	NFA	MMRP
156	Oahu	Army, Schofield Barracks	Schofield Barracks, Operable Unit 2 (OU2)	High	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
157	Oahu	Army, Schofield Barracks	Schofield Barracks, Site A-100-L-2	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
158	Oahu	Army, Schofield Barracks	Schofield Barracks, Site A-100-L-2 (TD)	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
159	Oahu	Army, Schofield Barracks	Schofield Barracks, Site ER-7A	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
160	Oahu	Army, Schofield Barracks	Schofield Barracks, Small Bore Range	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
161	Oahu	Army, Schofield Barracks	Schofield Barracks, Southern Pistol Ranges	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
162	Oahu	Army, Schofield Barracks	Schofield Barracks, UST Building 3010A	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Inactive	IRP
163	Oahu	Army, Schofield Barracks	Schofield Barracks, Yonkers Range	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
164	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield MMRP	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
165	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, 1940s Small Arms Range	Low	Response Necessary	Hazard Undetermined	NFA	MMRP
166	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Archery Range	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
167	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Combat Aviation Brigade	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
168	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Combat Aviation Brigade WAAF-010-R-01	NFA	Response Not Necessary	No Hazard Present For Unrestricted Residential Use	NFA	MMRP
169	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Firing Range 2a	Low	Response Necessary	Hazard Undetermined	Ongoing	MMRP
170	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Practice Bomb Range	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
171	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Skeet Range	Low	Response Necessary	Hazard Undetermined	Ongoing	MMRP
172	Oahu	Barbers Point Naval Air Station	Barbers Point NAS Station S1759	Low	Response Necessary	Hazard Undetermined	Ongoing	IRP
173	Oahu	ii) Inc.	Del Monte Corporation Oahu Plantation	Low	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	NPL
174	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Auto Hobby Shop	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
175	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Building 91 UST BP49 BP50 BP51	NFA	Response Necessary	No Hazard Present For Unrestricted Residential Use	NFA	IRP
176	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Coral Pit 1	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
177	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Coral Pit, Ordnance Pond, Sanitary Landfill	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Navy
178	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Dry Well Network	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	BRAC
179	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Fire Fighting Training Pits	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	BRAC
180	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Former Fuel Farm	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	BRAC
181	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Golf Course Battery	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
182	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Golf Course Maintenance Building	Medium	Response Not Necessary	No Hazard Present For Unrestricted Residential Use	Ongoing	IRP
183	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS MWR Warehouse Area	Low	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	BRAC
184	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Navy Public Works Center	Low	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	BRAC
185	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Regional Groundwater System	Low	Assessment Ongoing	Hazard Undetermined	Inactive	BRAC
186	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Runway 11 Clear Zone	Low	Assessment Ongoing	Hazard Undetermined	Inactive	BRAC
187	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Sanitary Landfill	Low	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	DSMOA
188	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Station P	High	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
189	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Transformer Substations	Low	Response Necessary	Hazard Present Under Unrestricted Residential Use	Inactive	BRAC
190	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS UST BP 19-20	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Compliance
191	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Abandoned Tank	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
192	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Abandoned Underground Fuel	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
193	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Contaminated Groundwater	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
194	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Merry Point Old Diesel Purifier	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
195	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Pearl City Fuel Annex	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
196	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, PWC Gas Station Bldg 1326	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
197	Oahu	Navy, Joint Base Command	PHNC, Sandblast Grit Disposal	High	Response Necessary	Hazard Undetermined	Ongoing	DSMOA
198	Oahu	Navy, Marine Corps, Camp Smith	Camp HM Smith UST CS007	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
199	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe Marine Corps Base Hawaii MMRP	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
200	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 1282 Vehicle Maintenance Shop	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
201	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 373 Battery Shop	NFA	Response Not Necessary	No Hazard Present For Unrestricted Residential Use	NFA	IRP
202	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 454 Disposal Area	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
203	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Facilities Department Salvage Yard	Low	Response Necessary	Hazard Undetermined	Ongoing	IRP
204	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Fuel Oil Pipeline	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
205	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH H-3 Landfill	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
206	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Naval Ocean Systems Center	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
207	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Quarry Pit Landfill	Low	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
208	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Range Disposal Area	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
209	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Various Transformers	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
210	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Building 1091 Oil Transfer Area	Low	Assessment Ongoing	Hazard Undetermined	NFA	IRP
211	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Building 3052	Low	Assessment Ongoing	Hazard Undetermined	NFA	IRP
212	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Building 368 Oil Spill	Low	Assessment Ongoing	Hazard Undetermined	NFA	IRP
213	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Building 375 Oil Spill	Low	Assessment Ongoing	Hazard Undetermined	NFA	IRP
214	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Building 536 Solvent Disposal	NFA	Response Not Necessary	No Hazard Present For Unrestricted Residential Use	NFA	IRP
215	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, End of Runway Disposal Area	Low	Assessment Ongoing	Hazard Undetermined	NFA	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
216	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Fire Bomb Mixing Site	Low	Assessment Ongoing	Hazard Undetermined	NFA	IRP
217	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Firefighting Training Area	Low	Assessment Ongoing	Hazard Undetermined	NFA	IRP
218	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Fuel Farm Sludge Disposal Area	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
219	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Moving Target Range	Medium	Response Necessary	Hazard Undetermined	Ongoing	MMRP
220	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Old Storage Behind Building 131	Low	Assessment Ongoing	Hazard Undetermined	NFA	IRP
221	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Ordnance Demolition Area	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
222	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Pollock Field Oil Spill	Low	Assessment Ongoing	Hazard Undetermined	NFA	IRP
223	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Skeet & Trap Range	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
224	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, TSF Molokai Paint Pit	NFA	Assessment Ongoing	Hazard Undetermined	NFA	IRP
225	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-44	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
226	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-73	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
227	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Waikane Valley	High	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
228	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	DSMOA
229	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Building 1091	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
230	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Firebomb Mixing Area	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
231	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Landfill	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Navy
232	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Skeet Shooting Range	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
233	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay, Fire Fighting Training Area	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
234	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NAVCAM	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
235	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NCTAMSPAC Center Street	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	NPL
236	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch Building 49 Transformer	Medium	Response Necessary	Hazard Undetermined	Ongoing	DSMOA

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
237	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, 4th Street Coral Pit Landfill	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
238	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Burning Pit MRS	Low	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
239	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Electrical Components Disposal Area MRS	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
240	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Injection Well MRS	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
241	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Otto Fuel Waste Storage Area	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
242	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Vehicle Maintenance Facility	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
243	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, West Loch Fuel Storage Facility AST	Low	Assessment Ongoing	Hazard Undetermined	NFA	IRP
244	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	Naval Magazine Lualualei (Lualualei Branch)	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
245	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Auxiliary Power Building 77	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
246	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building 112/112A Tank Repair Facility	Low	Assessment	Hazard Undetermined	Ongoing	IRP
247	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building 415 Automotive Service Station	Low	Response Necessary	Hazard Undetermined	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
248	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building 7 Locomotive Shop	Low	Response Necessary	Hazard Undetermined	Ongoing	IRP
249	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building 78 Automotive Garage	Low	Response Necessary	Hazard Undetermined	Ongoing	IRP
250	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building D122 Projectile Overhaul Facility	Low	Assessment	Hazard Undetermined	Ongoing	IRP
251	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building S461 Battery Washing Shed	Low	Assessment	Hazard Undetermined	Ongoing	IRP
252	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Buildings 172 & 418 Battery Charging Shops	Low	Assessment	Hazard Undetermined	Ongoing	IRP
253	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Central Operation Areas	Low	Response Necessary	Hazard Undetermined	Ongoing	IRP
254	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Closed Small Arms Range MRS	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
255	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Fill Area MRS	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
256	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Former Emergency Detonation Area	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
257	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Homemade Incinerator MRS	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
258	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL M-28 Rifle Grenade Range MRS	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
259	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Ordnance Burn Area MRS	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
260	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Outlying Operations Area	Low	Response Necessary	Hazard Undetermined	Ongoing	IRP
261	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Rocket Test Range MRS	Low	Response Necessary	Hazard Undetermined	Ongoing	MMRP
262	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Salvage Yard	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
263	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Scrap Metal Landfill	Low	Assessment	Hazard Undetermined	Ongoing	IRP
264	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Small Arms Range II	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
265	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Stormwater and Sewage Systems	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
266	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Trap and Skeet Range MRS	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
267	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Waipio Peninsula	High	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
268	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele Burn Pit/Disposal Area	Low	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
269	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele USTs 50/51	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
270	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele, Contaminated Soil, Waipio	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
271	Oahu	Navy, Naval Magazine Lualualei (West Loch Branch)	Waipahu Incinerator/Ash Dump	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
272	Oahu	Navy, Naval Magazine Pearl Harbor	Naval Magazine Pearl Harbor MMRP	High	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	MMRP
273	Oahu	Navy, NAVCAMS EASTPAC Opana	Opana (HI1170090053)	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Compliance
274	Oahu	Navy, NCTAMS Pacific	NCTAMS PAC NRTF LLL, Antenna 403 Disposal Area	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
275	Oahu	Navy, NCTAMS Pacific	NCTAMS PAC NRTF LLL, Antenna 441 Disposal Area	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	DSMOA
276	Oahu	Navy, NCTAMS Pacific	NCTAMS PAC NRTF LLL, Old Coral Pit	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
277	Oahu	Navy, NCTAMS Pacific	NCTAMS, Abandoned Firing Range	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
278	Oahu	Navy, NCTAMS Pacific	NCTAMS, Antenna 354 Disposal Area	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
279	Oahu	Navy, NCTAMS Pacific	NCTAMS, Building 4 Sump	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
280	Oahu	Navy, NCTAMS Pacific	NCTAMS, Building 6 Disposal Site	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
281	Oahu	Navy, NCTAMS Pacific	NCTAMS, Building 65 Disposal Area	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
282	Oahu	Navy, NCTAMS Pacific	NCTAMS, East Gulch Disposal Site	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
283	Oahu	Navy, NCTAMS Pacific	NCTAMS, Former Building 63 Tank	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
284	Oahu	Navy, NCTAMS Pacific	NCTAMS, Service Station Gulch	Medium	Response Not Necessary		Ongoing	IRP
285	Oahu	Navy, NCTAMS Pacific	NCTAMS, Sewage Ponds	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
286	Oahu	Navy, NCTAMS Pacific	NCTAMS, Site 18, Transformers 2, 234, and 420	High	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
287	Oahu	Navy, Pearl Harbor Naval Complex	Building 68 Electric Shop	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
288	Oahu	Navy, Pearl Harbor Naval Complex	Building 8 Pearl Harbor Naval Shipyard	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
289	Oahu	Navy, Pearl Harbor Naval Complex	Former Public Works Center Industrial Waste Treatment Plant	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
290	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Hotel Pier 1 & 4	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Navy
291	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Center, Fletragru Firetest Area	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
292	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Center, Makalapa Crater	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
293	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Complex	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	NPL
294	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Supply Center	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
295	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Navy Public Works Center	Low	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
296	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Navy Shipyard	Low	Response Necessary	Hazard Present Under Unrestricted Residential Use	Inactive	IRP
297	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Sediment Study	High	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
298	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Shore Intermediate Maintenance Activity	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Navy
299	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Aiea Laundry Building 436	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
300	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-60 Sludge Disposal Pit	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
301	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-660 Plating Shore Disposal	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
302	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-660 Spent Acid Disposal	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
303	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 284 Engine Test Cell	High	Response Necessary	Hazard Undetermined	Inactive	IRP
304	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 39 Storm Drain Lines	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
305	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 43 Storm Drain Lines	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
306	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 472, OPS Department Storage	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
307	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, EPMU-6 B-1536 Lab O/W Pit	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
308	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Landing Pipeline	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
309	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Building 644	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
310	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 11	Low	Response Not Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
311	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 12	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
312	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 13	Low	Response Not Necessary		Ongoing	IRP
313	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Storm Drain Inlet Release Sites	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
314	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, UST EP-1	Medium	Assessment Ongoing	Hazard Undetermined	NFA	IRP
315	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Open Area Near Building 992	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
316	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Quarry Loch Oil Seepage	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
317	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Substation G, Building S-6	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
318	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Transformer Site K-14	Low	Assessment	Hazard Undetermined	Ongoing	IRP
319	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Transformer Site TD-10	Medium	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
320	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Underwater Munitions NDSA	High	Assessment Ongoing	Hazard Undetermined	Ongoing	MMRP
321	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, UST 1 #1-77, #2-77, #3-77	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
322	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, UST BP-1	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
323	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, UST EP-1	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
324	Oahu	Navy, Pearl Harbor Naval Complex	USN Fleet Training Group	Low	Assessment Ongoing	Hazard Undetermined	Ongoing	Navy
325	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Area North of Building 1754	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
326	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Former Battery Acid Pit	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
327	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Former Lab & Annex B451 & T25	NFA	Response Not Necessary	No Hazard Present For Unrestricted Residential Use	NFA	IRP
328	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Foundry, Building 6, New 03	Medium	Response Necessary	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP
329	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, NSY Transport Yard, New 02	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
330	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Shipyard GSA, Storm Drain Inlet Release Sites	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
331	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Storm/Sanitary Sewer Drain	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
332	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Sump Plating Tanks B67	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
333	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, UST 5 & 10	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
334	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, UST Locations #11	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
335	Oahu	Navy, Public Works Center	PHPWC, Building X24 & Wash Rack X6	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
336	Oahu	Navy, Public Works Center	PHPWC, Burn Area Near Pearl City Peninsula	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP

HSRP DSMOA LIST OF PRIORITY SITES FY2013

Hawaii State Response Program DSMOA Program List of Sites FY2013								
<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>	
337	Oahu	Navy, Public Works Center	PHPWC, Makalapa Landfill Area	Medium	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
338	Oahu	Navy, Public Works Center	PHPWC, Oil Reclamation/Incineration (Naval Shipyard)	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
339	Oahu	Navy, Public Works Center	PHPWC, Various Transformers	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
340	Oahu	Navy, Public Works Center	PHPWC, Various Transformers II	Medium	Assessment Ongoing	Hazard Undetermined	Inactive	IRP
341	Oahu	Navy, Public Works Center	PHPWC, Wastewater Treatment Plant Waste	High	Assessment Ongoing	Hazard Undetermined	Ongoing	IRP
342	Oahu	Navy, Waipio Peninsula	Navy Waipio Peninsula, Herbicide/Fertilizer Mixing Area	Low	Assessment Ongoing	Hazard Present Under Unrestricted Residential Use	Ongoing	IRP