

**REPORT TO THE TWENTY-SEVENTH LEGISLATURE
STATE OF HAWAII
2013**

**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
FY 2012**

PREPARED BY:

**DEPARTMENT OF HEALTH
STATE OF HAWAII
DECEMBER 2012**

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EXECUTIVE SUMMARY

REPORT ON THE ENVIRONMENTAL RESPONSE REVOLVING FUND FOR FISCAL YEAR 2012 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 FY 2012 Chapter 128D, HRS, Environmental Response Revolving Fund (ERRF) budget and expenditures, Hawaii State Response Program site lists, and descriptions of key program activities for five 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 FY 2011 and distributed for FY 2012.

ERRF SUPPORT TO FIVE ENVIRONMENTAL HEALTH ADMINISTRATION PROGRAMS

Five Environmental Health Administration (EHA) programs having 33 permanent positions are funded by the ERRF special fund. 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

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.” Revenue is deposited to the ERRF for use by the five DOH environmental programs.

The ERRF and DOH programs received a 5-cent share of the \$1.05 per barrel environmental response tax. Sixty cents of the tax was allocated to the General Fund.

The remaining 40 cents were allocated to 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

Oil tax revenue to DOH in FY 2012 was \$1,314,717. Total revenue to the ERRF, including the oil tax revenue, was \$2,625,680.

BUDGET AND EXPENDITURE

Personnel and operating budgets were appropriated and allocated to the Environmental Management Division (EMD) (\$1,800,148/1,527,452) and Hazard Evaluation and Emergency Response (HEER) Office (\$3,315,298/3,270,563).

The state expended \$2,982,359 of \$4,798,015 allocated to the five HTH 849 and HTH 840 environmental 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 2008, 2009, 2010, 2011, and 2012 oil tax revenue were \$1,695,473, \$1,589,612, \$1,421,270, \$1,402,836, and \$1,314,717 respectively.

HAWAII STATE RESPONSE PROGRAM IMPACTED BY FEDERAL BUDGET CUTS

The national economic slowdown continues to adversely affect the Hawaii’s State Response Program (HSRP) managed by HEER Office. 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 have resulted in deep cuts to our EPA SRP grant allocation. In 2010, this grant provided

EXECUTIVE SUMMARY

\$1,280,000 to fund a wide variety of staff positions and program activities. In 2013, the allocation is \$960,000, and the states have been put on notice that additional cuts are planned for the FY 2014 allocations.

THE HAWAII STATE RESPONSE PROGRAM SITE LISTS

The lists of sites eligible for possible listing under EPA CERCLA, HSRP release log, and lists of priority sites are presented at the end of this document.

This report identifies **Sites Eligible for Possible Remedial Action Under Comprehensive Environmental Response Compensation and Liability Act (CERCLA)**, including a statement as to any appropriation that may be necessary to pay the state's share of the plan. Nine Hawaii sites have been identified for possible listing under the federal Comprehensive Environmental Response Compensation and Liability Act (CERCLA).

The **Hawaii State Response Program Chemical Release Notification Log** lists a total of 295 hazardous substance and petroleum release notifications managed as Emergency Response cases by the HEER Office State On Scene Coordinators (SOSCs). Two-hundred-twenty-five cases were directly related to the release of petroleum related substances.

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. Five-hundred-four active sites under direct DOH oversight in the various State programs are

listed. This includes 72 sites that were added during the last fiscal year, and 86 sites with known or suspected contamination that received No Further Action determinations.

The **Hawaii State Response Program DSMOA Program List of Priority Sites** presents a list of 389 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. These sites include numerous high priority unexploded ordnance sites (UXO). Cost for investigation and cleanup of most military sites is paid for with DOD cooperative agreement funding. Investigations and cleanups of petroleum contaminated military sites are conducted under 128D authorities and also paid for with DOD funds.

HAWAII DEPARTMENT OF HEALTH WEBSITE

Additional information about the DOH and its environmental programs can be obtained at: <http://hawaii.gov/health/>. Specific information on the environmental program offices and branches and available documents may be located by activating the 'Health Topics' menu located at the top of the page and then the dropdown menu for 'Environmental Health'. Fact sheets and up to date information is available on HEER's website at: <http://hawaii.gov/health/environmental/hazard/index.html>

REPORT ON CHAPTER 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. DOH HTH 840 and HTH 849 revenue, budget, and expenditure data are presented below.

FIVE ENVIRONMENTAL HEALTH PROGRAM BUDGETS

Five DOH Environmental Health Administration (EHA) programs received ERRF funding. 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).

Budgets were appropriated for operating expenses and 33 positions within the Environmental Management Division (EMD) and EMD branches (\$1,800,148) and the Hazard Evaluation and Emergency Response (HEER) Office (\$3,315,298).

The state expended \$2,982,359 of 4,798,015 allocated to the five HTH 849 and HTH 840 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.

ANNUAL DE MINIMIS SETTLEMENTS

Chapter 128D, HRS, Environmental Response Law, requires that the department report annually on any de minimis settlements. During FY 2012 there were no de minimis settlements.

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”. Revenue is deposited to the ERRF for use by the five DOH environmental programs.

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 fiscal years 2008, 2009, 2010, 2011, and 2012, were \$1,695,473, \$1,589,612, \$1,421,270, \$1,402,836, and 1,314,717 respectively.

Revenue to the ERRF totaled \$3,237,945 in FY 2011, and \$2,625,680 in FY 2012.

HTH 840 and HTH 849 Environmental Response Revolving Fund Revenue – FY 2012

Revenue Source	<u>HTH 840 339</u>	<u>HTH 849 342</u>	<u>Total</u>
Environmental Response Tax	-	1,314,717	1,314,717
Fees, Filings of Chemical Inventory Forms	-	83,700	83,700
Fees, Voluntary Response Actions		32,894	32,894
Violations of Air Pollution Control Regulations	-	350,000	350,000
Violations of Hazardous Waste Regulations	-	360,110	360,110
Violations of Water Pollution Regulations	-	54,080	54,080
Violations of Food and Drug Regulations		382,091	382,091
Community Noise Control		20,100	20,100
Other	6,282	21,707	27,988
Total	6,282	2,619,398	2,625,680

ERRF USES

128D, HRS ERF funds are used for:

- 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 ERF 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, City and County of Honolulu has chosen not to apply for the grant money.

HTH 849 Environmental Response Revolving Fund Budget and Expenditure - FY 2012

	<u>Appropriation</u>	<u>Allocation</u>	<u>Expenditure</u>
HTH 849 S 12 342 H (HEER Office)			
A Funds	1,164,885	1,120,150	1,015,892
B Funds	2,150,413	2,150,413	618,135
C Funds			-
Total	3,315,298	3,270,563	1,634,028

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

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HTH 840 Environmental Response Revolving Fund Budget and Expenditure - FY 2012

	<u>Appropriation</u>	<u>Allocation</u>	<u>Expenditure</u>
HTH 840 S 12 339 (EMD, CWB, SDWB, SHWB)			
A Funds	1,470,140	1,263,574	1,262,535
B Funds	330,008	263,878	85,796
C Funds			-
Total	1,800,148	1,527,452	1,348,331

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
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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:

- Collected during the preceding fiscal year.
- Collected to date during the current fiscal year.
- 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).

Tier II filing fees deposited to the ERRF are distributed to the Hawaii State Emergency Response Commission (HSERC) and LEPC 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.

During FY 2012, 788 facilities filed Tier II notifications. However, not all facilities paid filing fees. Some filed notification of "facility closing", others reported a "below limits qualification." Military facilities are exempt from payment.

The amount of fees projected to be collected in FY 2013 is likely to increase. This projection is based on the continuing HEER Office effort to identify and contact possible non-reporting facilities.

Tier II Filing Fees Collected and Distributed – FY 2012

	<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 (through to Oct-1)	900			
FY 2013 projection	85,000			
<u>County</u>	<u>Funds Distributed to LEPCs</u>	<u>Number of Qualifying Facilities</u>		
		Public Sector	Military	
Honolulu	31,857	326	23	
Hawai'i	17,220	192	2	
Maui	13,272	128	2	
Kauai	10,207	77	5	
Total	72,556	723	32	

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FIVE KEY EHA ENVIRONMENTAL PROGRAMS

FIVE KEY ENVIRONMENTAL HEALTH ADMINISTRATION ENVIRONMENTAL PROGRAMS

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

Major milestones accomplished in FY 2012 included the establishment of a virtual server environment. The

network manager upgraded a web server, a database server, and a domain controller and moved them to a virtual environment. A new Cisco switch was installed and Virtual Local Area Networks (VLANs) were created to segment the network. The network manager also moved the email server to a temporary location when the building was closed for electrical repairs. Technical support was provided to various IT projects including, the HEER Time and Effort System, G1-Program, SDWIS-State, and the Environmental Data Warehouse.

Safe Drinking Water Branch (SDWB) Protection of Drinking Water

During FY 2012, 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 existing and potential underground sources of drinking water by assuring that the facilities have proper separation from drinking water wells and that only waste fluids that meet specified discharge standards are injected.

Injection wells serve to provide an alternative for disposal of liquid wastes which do not have 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 FY 2012, 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. Some did not have any experience at all with rainwater catchments. 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 or made sense.

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.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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

Three rainfall jar sites were selected, fire stations at Hawaiian Oceanview Estates (HOVE), Kilauea Military Camp (KMC), and Laupahoehoe, based on the severity of the VOG impact during normal wind conditions. To date, aluminum and cadmium have been found consistently in the most directly affected sites in the rainfall jar study (HOVE and KMC). These 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 FY 2012 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 FY 2012 one staff funded by the ERRF was on military leave. During FY 2012 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 PERMITS

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 which is permitted for long term storage of hazardous waste prior to disposal on the mainland.

In the past year, there have been at least three emergency permits issued to various branches of the military for immediate detonation and destruction of unexploded ordinances.

In 2010, the Department of Health issued to the James Campbell Company, a RCRA Post Closure Permit to continue maintenance, oversight and monitoring of the former Hawaiian Western Steel waste pile. The capped waste pile contains high levels of lead contaminated slag and other hazardous waste. In November 2011, as part of the revitalization and reuse of blighted properties, the Kapolei Sustainable Energy Park constructed 4,200 solar panels on the waste pile to provide 1.18 megawatts electricity to the Hawaiian Electric Industries grid.

SPECIAL WASTE AND SOLID WASTE MANAGEMENT

The Special Waste permitting engineer is responsible for permitting and monitoring activities over a wide range of

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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 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 thirty 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-nine.

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

The Underground Storage Tank Program continues to work with the U.S. Environmental Protection Agency and responsible parties in revitalizing sites with releases from

underground storage tanks. 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 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.

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 that were affected by petroleum releases.

FORMER WOOD TREATING OPERATORS

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.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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

FY 2012 ERRF funding was appropriated to the Hazard Evaluation and Emergency Response (HEER) for 14 Office staff positions and operational costs. All ERRF moneys were applied to the office's implementing program, the Hawaii State Response Program (HSRP).

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. Our work includes preventing, planning for, and responding to hazardous substance releases, or risks of releases. This mission is accomplished 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 office is comprised of three operating sections, each addressing an important aspect of HSRP. The implementing sections for the program are organized as follows: 1) Emergency Preparedness and Response; 2) Site Discovery, Assessment and Remediation; and 3) Hazard Evaluation.

The Hawaii State Response Program (HSRP)

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. Oversight of low priority sites and technical assistance to other agencies were curtailed due to state budget constraints.

Staff works with property owners, the environmental community, developers, the general public, and other state and federal agencies to implement solutions for eliminating risk of chemical exposure to humans and the environment. Examples of work performed under the HSRP are listed in the following:

- 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.

- Discovery and inspection of sites that are presumed to be 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 response obligation. Consequently, the HEER Office relies heavily on three sources of federal funding to implement the office's mission and the HSRP.

Together, these federal programs provided 36% of the HSRP funding in FY2012, fully supporting 8 permanent positions and two exempt positions, and augmenting ERRF appropriated staff working on HSRP tasks approved under two EPA cooperative agreements.

Federal funds are the primary source of funding covering regulatory oversight costs for some 800 military cleanup sites and for:

- Site discovery, assessment, and investigation efforts,
- Oversight of brownfield sites, and technical assistance to state agencies on management of contaminated lands,

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

- Development of crucial technical guidance documents needed to direct responsible parties to complete cleanups that are scientifically defensible and protective of human health and Hawaii's natural resources, and
- Development of electronic environmental data management systems to track and manage contaminated sites statewide and share relevant information with the public.

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.

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 (SBLBRA) of 2002. This SRP grant provides crucial funds for staff salaries, capacity building and program development activities. For FY2013, The grant award is \$960,000. Due to federal budget constraints, this grant has been cut \$320,000 in the past three years, and further cuts are anticipated for FY 2014.

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 state site discovery efforts combined with federal CERCLA (Superfund) evaluation of sites. Sites that are evaluated through the PA/SI system are rated to determine their eligibility for the National Priority List. Sites that are not listed become part of the state response program.

In 2012, the HEER Office used the \$275,000 PA/SI grant to fund positions and needed laboratory costs for conduct rapid site screenings using a sampling of opportunity approach to assess residential areas that may have been affected by historic releases of pesticides and other contaminants. Funding for this grant has remained relatively stable, but the state has been notified to expect cuts of 10% or more for the next grant cycle in 2014.

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 Formerly Used Defense Sites (FUDS) Program that is funded by the DSMOA.

The DSMOA program was established by the federal government 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. All staff positions overseeing remedial investigations and cleanups under these two DO programs are funded by the DSMOA cooperative agreement. For FY2012, the state's reimbursement under DSMOA was \$176,000.

RECLAIMING CONTAMINATED PROPERTIES

The HEER Office continues to prioritize its operations to focus resources on major threats to human health and the environment. For FY 2012, 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 continue to be curtailed due to staff shortages and budget constraints.

PROGRAMMATIC APPROACHES TO MANAGING AREAWIDE CONTAMINATION

Developing programmatic and areawide approaches to management of environmental contamination is a crucial and cost-saving part of our State Response Program Development. HEER is working closely with stakeholders to develop consistent approaches to identify and manage common environmental hazards resulting from areawide petroleum contamination that affects new construction, redevelopment, and routine utility work.

In 2012, our focus areas included regulatory oversight of the Hawaii Area Rapid Transit (HART) project for the Honolulu Authority for Rapid Transit with development of collaborative, multiparty approaches to comingled contamination in our state harbors. Rail construction is planned through large areas of known contamination that must be addressed proactively so that it can be managed safely and cost effectively during construction and into the future. Similarly, our harbors are constantly

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

being improved, with ongoing capital improvements projects planned in areas affected by historic petroleum spills.

Responsible Party Participation

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

In practice, the State Response Program works cooperatively with responsible parties and property owners, identifying potential hazards and directing investigation and cleanup activities. Clearly, this tested partnership approach results in more successful and timely cleanups, while conserving fund moneys. In 2012, the vast majority of investigation and cleanup actions were conducted 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, and Actus Lendlease. Other parties 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. These funds are returned to the ERRF.

Because CERCLA, the federal Superfund law, does not include petroleum as a hazardous substance, military sites that have only petroleum contamination are cleaned up under state law.

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. DOH uses ERRF funded staff positions and our expert consulting contract to provide state of the art technical guidance for the investigation and cleanup of contaminated properties. In 2012, our focus areas included development of new guidance for assessing risks to indoor air quality from soil vapors and development of proactive programmatic approaches to managing comingled petroleum contamination that

affects roadways, public areas, and community redevelopment efforts. See our on-line Technical Guidance Manual at <http://www.hawaiiidoh.org/>

Encouraging Economic Redevelopment of Brownfields

The HEER Office facilitates safe, efficient, and timely redevelopment of brownfields properties and conversions of former agricultural lands impacted by pesticide use that have been rezoned for residential uses.

In 2012, the HEER Office partnered with US EPA and the Hawaii Energy Office in their development of publicly available, online mapping tools to share information about contaminated properties that could be safely repurposed to site renewable energy projects statewide. Using brownfields in this way brings high value uses to these properties, offering a sustainable alternative to use of undeveloped or agricultural lands for this purpose. In 2013, HEER Office brownfields data will be an integral part of EPA's RePower America Program and the Hawaii Energy Office EnerGIS Tools.

Clear Guidance for the Regulated Community

Hawaii's environment is very different from the mainland, and 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 2012, 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.hawaiiidoh.org/tgm.aspx>

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.

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

Opportunities: Federal grant and loan opportunities can

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

set the stage for successful redevelopment of distressed properties that would 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://hawaii.gov/health/environmental/environmental/hazard/index.html> 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 \$2 million.

These funding opportunities, however, are growing scarcer due to increased competition nationwide and decreasing federal funding. No assessment or cleanup grants were awarded to Hawaii in FY 2012. However, with DOH participation, the City and County of Honolulu used its Community wide assessment grant to assist the Office of Hawaiian Affairs in completing the Phase I Environmental Site Assessment for the Kaka'ako properties given to OHA as part of the 2012 ceded lands settlement. OHA has an application pending for an EPA Targeted Brownfield Assessment grant to investigate soil contamination on one of the parcels.

A HEER/UH MOA for Analytical Laboratory Services:

Since 1998, the HEER Office has entered into contracts with UH to characterize unknown hazardous substances. It is a successful collaboration that 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. Additionally to UH analyzing unknown substances, UH assists in training and outreach to local Fire HazMat teams throughout the State.

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 514 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, 267 adults and 159 children had their hair tested for arsenic. The results showed that hair arsenic levels in children were approximately 3 times higher than in adults. The factors that influence hair arsenic levels are being evaluated.

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.

Blood tests from 3,384 adults were reported to HEER from July 1, 2011 to June 30, 2012. Thirty nine individuals exceeded a blood lead level of 10 ug/dl. Six of those individuals exceeded a blood lead level of 25 ug/dl. Compared to other states, Hawaii has very few cases of elevated blood lead levels in adults.

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.

Increased Public Outreach about Safe Management of Contaminated Properties:

In 2012, we reached 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.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

Additional technical trainings are offered throughout the year by Dr. Roger Brewer of the Hazard Evaluation Section. 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>

Nanakuli Dust Assessment: A public meeting was held in November 2011 to report the findings of a study that evaluated dust sources from businesses in the Nanakuli area. Heavy truck traffic patterns located along Lualualei Naval Road as well as natural sources from the mountains and coastal area were also evaluated. The report made eight recommendations to reduce fugitive dust emissions. The report can be found at the following url: http://hawaii.gov/health/environmental/env-planning/pdf/nanakuli_tech_and_eval_final.pdf

Infrastructure Development and Records Management

Residual contamination exists at hundreds of sites in Hawaii. Keeping track of these sites to ensure that unhealthy exposures are not occurring is a shared responsibility of the HEER Office and the affected property owners. To keep careful track of government records concerning properties needing investigation or management of residual contamination, HEER staff work diligently to create electronic copies of incoming and outgoing regulatory reports and correspondence, and make those records available to the public in accordance with Hawaii's Sunshine law. In addition, ERRF funded staff perform site audits to see that cleanup remedies remain protective.

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 comingled contamination with multiple responsible parties. Consultant costs are fully recovered for work under VRP or Voluntary Agreements. On other projects, where investigations lead to identification of responsible

parties, costs expended from the ERRF may also be recovered. In 2012, the non emergency contract was also used to develop and conduct Contaminant Awareness Training programs statewide to alert construction workers about contamination hazards they may encounter at job sites.

COST RECOVERY

Chapter 128D, HRS, provides legal authority to cost recover all ERRF applied expenses for DOH response actions. This fiscal year, HEER Office recovered \$162,092. HEER Office mechanisms for the cost recovery are:

Responsible Party Voluntary Agreements: 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 Agreements: 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: Only Emergency Response contractor are normally recovered. State On-Scene Coordinators (SOSCs) salaries are paid from the General Fund with no formal cost recovery authority.

Penalties: Penalties may be assessed to a Responsible Party for failure to report a release of a hazardous substance, pollutant, or contaminant, and also for failure to comply with a departmental or judicial cleanup order.

EMERGENCY 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. As back-up personnel to first responder County HAZMAT teams, SOSCs are 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.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

Notable among the spill responses during FY 2012 are the following:

Japan Earthquake and Tsunami Debris

A few items of marine debris found on Hawaii shores were confirmed to be from March 11, 2011 tsunami.

Aloha Petroleum Hilo Aboveground Storage Tank Release

On November 1, 2011 during a delivery of diesel from Pier 3 in Hilo to the Aloha Petroleum East Terminal, approximately 14,000 gallons of diesel fuel were released

during transfer of fuel from a barge to an aboveground storage tank due to an operator error. The fuel was not contained in the containment area due porous soil and no liner. Wells have been installed to recover the oil.

EPA is investigating under SPCC regulations and cleanup of the site is being overseen by the HEER Office Site Discovery, Assessment, and Remediation (SDAR) team.



14,000 Gallon Release from the Aloha Terminal E, Hilo, Diesel Tank



Close-up of Surface Vacuum Recovery from Aloha Terminal E, Hilo

Two Hawaii Island Mercury Releases

On March 28, 2012, Hawaii County Fire HazMat notified HEER of an abandoned pump house located at the Waimea County Water Treatment Facility. Beads of mercury had been released from a rusted meter located inside a 10 ft. by 10 ft. wooden structure. As requested by the County of Hawaii, HEER Office conducted the cleanup of approximately 15 pounds of mercury.

15 pounds of mercury was also recovered during an April 2012 incident when a man alleging to use mercury to extract gold from the Big Island's volcanic rock dropped his jar of mercury, releasing most of it.



Waimea County Pump House

FIVE KEY EHA ENVIRONMENTAL PROGRAMS



Waimea County Pump House Mercury Release



Waimea County Pump House Mercury Recovery

City and County of Honolulu, Department of Transportation Services, Public Transit Division Release Reporting

In preparation for the rail transportation project, releases are being reported to HEER. Most of the releases being reported are from historical releases and have not required emergency responses and are being referred to the SDAR section for follow-up.

IDPP Nimitz Highway and Ala Kawa Street Water Main Break

On March 6, 2012, as a result of a water main break on Nimitz Highway and Ala Kawa Street, oil was dispersed in ground. The oil in ground was left in place and will be cleaned up by the Iwilei District Participating Partners

(IDPP), LLC. Funds expended for the emergency response action in the amount of \$14,387 were reimbursed by IDPP to the ERRF.

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 FY 2012, 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. The Department's health surveillance system in 2007 is described 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.

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

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

elevated lead levels. Education materials have been provided to all physicians testing women of childbearing age for mercury.

Childhood Blood Lead Levels

HEER began tracking children with elevated blood levels exceeding 10 ug/dl in September 2007. Upon family request, children with blood lead levels exceeding 10 ug/dl were referred to the Indoor and Radiological Health Branch where their home environment was evaluated. Tests performed between July 1, 2011 and June 30, 2012 showed 43 children out of 12,761 children tested had blood lead levels exceeding 10 ug/dl. The number of electronic reports of children tested has almost doubled from the previous reporting period due to an inadvertent omission of a testing code for a particular blood lead test from one lab. HEER is coordinating with other branches within the DOH to ensure that the children with elevated lead levels get appropriate resources.

Petroleum in Soil Vapor Study

The HEER office completed a field study on the chemistry and toxicity of vapors associated with petroleum-contaminated soil and groundwater. This is primarily a concern for buildings located in heavily industrialized areas, where underground storage tanks and pipelines are present. The study, one of the first of its kind in the US, involved the collection and detailed analysis of subsurface, vapor samples from multiple sites on Oahu known to be heavily contaminated with petroleum.

The results of the study showed that while petroleum vapors are less toxic than initially assumed, contaminated soil and groundwater could adversely impact indoor air if the contamination is situated within a few feet of the building floor. The study also emphasized the need to evaluate vapors from jet fuel and diesel fuel, which are not traditionally considered in environmental investigations.

The study was carried out under a grant from the USEPA and with the cooperation of the Hickam Air Force Center for Engineering and Environment at Hickam Air Force Base. Results of the study were presented at a national environmental conference in May 2012 and are being used to update Department of Health environmental guidance.

1,2,3-Trichloropropane

1,2,3-Trichloropropane (TCP) is a persistent environmental contaminant found in groundwater and

treated tap water in Hawaii. Hawaii is the only state with a Maximum Contaminant Level (MCL). The Environmental Protection Agency recently published updated toxicity information on the cancer dose-response relationship.

The HEER Office managed a project, funded by the Safe Drinking Water Branch, to reevaluate the adequacy of Hawaii's MCL given the EPA toxicity assessment. The report prepared by Tetra Tech, Inc. concluded that the available chronic/carcinogenicity studies of TCP are poor predictors of the actual health risks to humans exposed to TCP in water. A range of alternative cancer dose response relationships were provided to DOH. DOH is currently working with water purveyors in the state to evaluate the feasibility of altering the current MCL.

Cruise ship Emissions Assessment

Beginning the summer of 2006, the Department of Health, Clean Air Branch (CAB) received complaints from the Niumalu community on diesel exhaust odors and soot. Since Niumalu is downwind of Nawiliwili Harbor during prevailing northeasterly trade winds, the CAB established an ambient air monitoring station in the community to determine if the odors and soot experienced by residents were from visiting cruise ships.

The Clean Air Branch and HEER Office prepared a report to evaluate the emissions and potential health effects from cruise ship exhaust. The monitoring data indicates levels of sulfur dioxide (SO₂), fine particulate matter (PM 2.5), and nitrogen dioxide (NO₂) increase when ships are in port. Except for the exceedances of the one-hour SO₂ National Ambient Air Quality Standard (NAAQS) on one day when two ships were in port, there were no other exceedances. Because the NAAQS are derived to have an adequate margin of safety even for sensitive individuals, no adverse health effects are expected, including respiratory and cardiovascular effects, for members of the community living downwind of the cruise ships emissions.

SITE DISCOVERY, ASSESSMENT, AND REMEDIATION KEY ACTIONS

Assessment and cleanup activities are underway within HEER Office Site Discovery, Assessment, and Remediation (SDAR) Section on 504 Hawaii State Response Program sites and 389 federal DSMOA Program sites. Our website has downloadable lookup spreadsheets providing updates on these sites at <http://hawaii.gov/health/environmental/hazard/records.html>

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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. Using our federally funded Site Discovery program, the HEER Office locates and samples properties that may have invisible contamination that could cause harm, particularly in the event of residential redevelopment.

Our focus area 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 49 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 2012, there are 104 high priority sites in the Hawaii State Response Program. Three examples of major progress on high priority sites are described below:

EPA and DOH Partnership results in cleanup of Kilauea Kauai Pesticide Mixing Area Site: The DOH HEER Office Site Discovery team discovered historical documents in 2010 that suggested surface soils in a small residential neighborhood on Kauai may have elevated levels of arsenic and dioxin due to historical pesticides use at the former Kilauea Sugar Mill. The team was able to superimpose the historic drawings of mill operations over aerial photos and current digital maps to establish that two single family homes and a commercial property were located on top of the old mixing site. DOH HEER Office staff immediately informed the affected property owners and adjacent neighbors, implemented assessment and safety measures to ensure no continuing exposure and began sampling potentially contaminated soils.

DOH completed an extensive, 12-month investigation to characterize the vertical and lateral extent of contamination. Soil testing along Abalone Place confirmed high levels of arsenic and moderate levels of dioxin on three properties. Analytical results of samples

collected at neighboring properties showed that contamination did not spread and does not pose risks the surrounding community.

Work on the site was completed in FY 2013. In September, 2012, at the request of DOH and the County of Kauai, the US EPA completed an Emergency Removal of pesticide contaminated soils from a residential neighborhood. The top two feet of contaminated soil (approximately 814 tons) was removed from two residential yards and replaced with clean fill and professional landscapers were hired to restore the properties. A permanent storm water swale was constructed to isolate contaminated soils identified on the commercial property, and the impacted section of the drainage system was rebuilt, capped with clean material and then armored with large diameter rock.

DOH is confident that all source areas were identified. The full investigation report is available on the DOH HEER Website at:

<http://hawaii.gov/health/environmental/hazard/docs/kilaueasiteinspectionfull.pdf>

Pesticide-Impacted Soil Cleanup at Hickam Communities

Military Housing: After an extensive investigation, three removal actions, and a detailed Remedial Alternatives Analysis, the HEER Office went to public comment in June, 2012 on the final remedy selection for certain pesticide-impacted neighborhoods at Hickam Communities (HC), located at Joint Base Pearl Harbor Hickam.

In late 2010, high pesticide levels were found in surface soils of recently-renovated neighborhoods. The presence of these PI surface soils posed a public health hazard to residents. In order to immediately address short-term public health concerns, DOH ordered HC to remove PI surface soils from the most heavily-impacted areas of the affected neighborhoods.

In February 2011, HC signed a *Voluntary Agreement for Environmental Response Action*, formally agreeing to fully respond to the health and environmental impacts caused by its improper PI soil management actions. HC's conducted three short-term removal actions to protect residents, and completed a detailed remedial investigation for comprehensive long-term management of the remaining PI soils left in place beneath buildings, roads, and protective soil caps on site. Submission of the EHMP for safe long term management and monitoring of these soils is expected by the end of 2012.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

BHP GASCO Benzene Site, Oahu: Active remediation using in situ Chemical Oxidation (ISCO) is underway 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 also includes engineering and institutional controls to ensure long term protectiveness.

DOH is carefully monitoring the cleanup. Since remedy implementation began, the responsible party, Weston Solutions, has injected over 1.8 million pounds of reagents into the subsurface, destroying over 150,000 pounds of benzene. Weston estimates that this has resulted in a 90% reduction in contaminant mass on site. The remedy requires intensive monitoring at the site continues 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 950 state sites have been identified and investigated by the SDAR section. Of these, 419 state sites remain open at the end of FY2012 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 December, 2012.
- Revision to the Emergency Response Plan to improve coordination and rapid response to unexpected releases of petroleum in the Operable Units:
- 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.

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

Honolulu Harbor Pier 29 Construction Complete: DOT Harbors, in close coordination with IDPP, successfully completed construction of major harbor infrastructure improvements at Pier 29, right in the center of OU1C, an area of known historic petroleum contamination. Construction of the container yard, critical to Harbor operations, relied upon implementation of a detailed EHMP to manage petroleum contaminated soils encountered during construction activities.

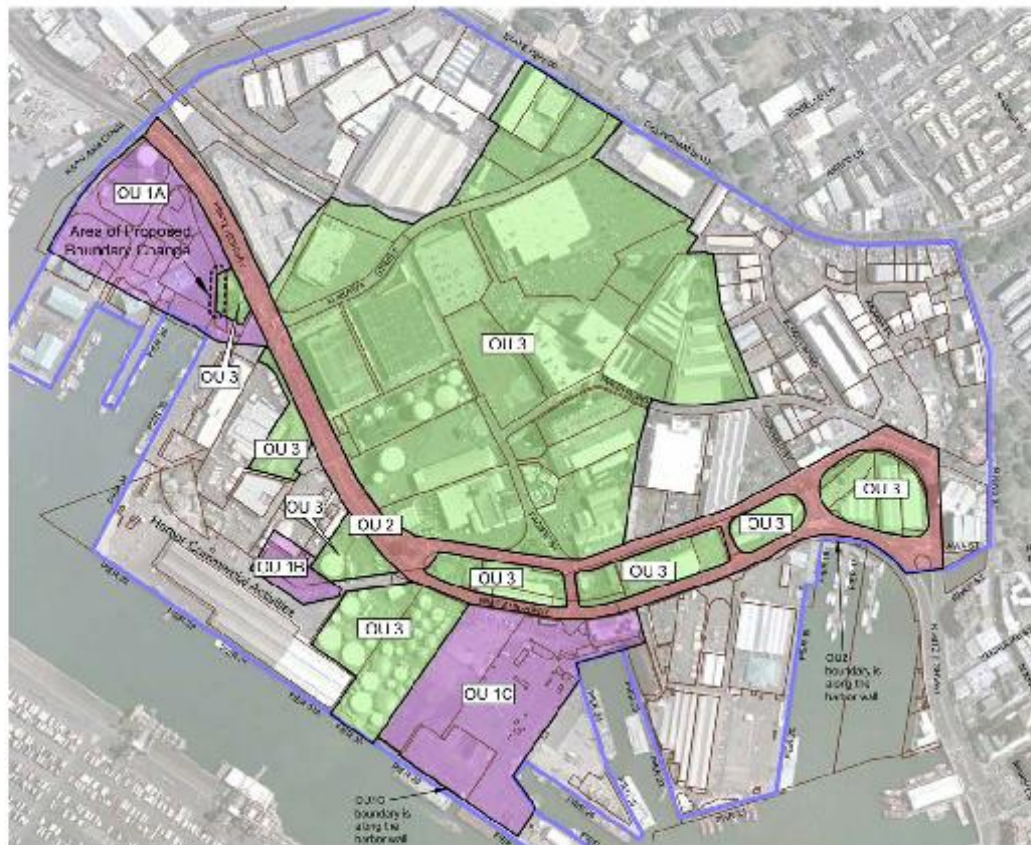
A Uniform Environmental Covenant Act (UECA) deed restriction was agreed upon by the land owner (DLNR) and land manager (DOT-Harbors) for OU1C to ensure safe long-term management of residual contamination through restrictions on the use of the property and safe management practices.

Lowe's Iwilei: After extensive remediation of the former Conoco Phillips terminal, remedy construction is complete at the new Lowe's Warehouse Store on Nimitz Highway. Residual petroleum in soils on site are contained and carefully monitored in both groundwater and soil vapor as described in the Environmental Hazard

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

Management Plan. The storm drain is sealed which should prevent contamination from leaving the site and

entering Honolulu Harbor. A Letter of Completion under the Voluntary Response Program is expected in 2013.

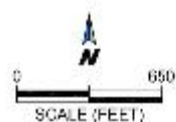


LEGEND:

Operable Unit (OU) Boundaries

- Operable Unit 1
 - Operable Unit 2
 - Operable Unit 3
 - Initial District Boundary
- IDPP Operable Units

Notes:
Engineered Remedies and Institutional Controls are being implemented in OU 1A, OU 10, OU 1C, OU 2, and certain OU 3 parcels surrounded by OU 2.



Source:
Imagery was obtained from the United States Geological Survey data clearinghouse at <http://seamless.usgs.gov/clearinghouse.html>. Imagery was collected by National Geospatial Intelligence Agency between February 2004, and May 2005.



Operable Unit Boundaries
October 19, 2011

Honolulu, Oahu, Hawaii
Attorney General
Amendment No. 3 to
Entirety Agreement

Areas of Known Contamination in the Iwilei District. Note that investigations and cleanups in OU1A, OU2 are being jointly investigated by IDPP. Investigations of OU3 parcels outside of the OU2 boundaries are being conducted by individual parties.

FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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 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.

East Kapolei, Oahu: Remedy construction is complete for the Pesticide Mixing and Loading area (PML) at East Kapolei II, the new, native Hawaiian community being developed by the Department of Hawaiian Homelands (DHHL) on 400 acres of former sugarcane land that will ultimately consist of 2,000 residential homes as well as educational and commercial facilities. Prior to development, the property was known to include a former pesticide mixing and loading (PML) area, about a half acre in size, which was heavily contaminated with chemicals such as arsenic, dioxins/furans, pentachlorophenol, and triazine pesticides (ametryn, atrazine, simazine, and trifluralin).

A large portion of the cleanup was funded by Brownfields grants and loans. The PML Site is now capped to prevent future exposure to contaminants in the soil and no residential units will be located on the PML Site itself. The approved alternative for remediation of the East Kapolei Former Pesticide and Mixing area includes engineering controls (capping contaminated soil) and institutional controls (UECA covenant) to ensure long term success of the chosen alternative. The resident community has been involved in the cleanup decision and future uses of the PML Site that would benefit the neighborhood. Visit <http://hawaii.gov/dhhl/publications/east-kapolei-ii-pesticide-mixing-and-loading-site/> for more information on this project.

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, 31 contaminated properties have been enrolled in the VRP program. Of these, DOH has issued 22 LOCs for 20 sites, closed one site with an NFA determination without liability relief, and seen three sites withdraw from the program. An LOC was issued this year for Honsador Kapolei. The LOC is pending as the final VRP requirements are being completed at the new Lowe's store in Iwilei.

Today, there are a total of 7 active VRP sites in the program, including one site where the VRP applicant withdrew, and then the underlying property owner entered the VRP to complete the work need and provide future liability protection for new purchasers. Responsible parties with sites participating in the VRP pay the state for DOH oversight of their remedial activities.

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. 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>

SITES ELIGIBLE FOR POSSIBLE CERCLA LISTING

128D RESPONSE PROGRAM SITE LISTS

SITES ELIGIBLE FOR POSSIBLE REMEDIAL ACTION 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 - FY 2012

	<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.

List of Sites Eligible for Possible Listing Under EPA CERCLA - FY 2012

	<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

HSRP RELEASE NOTIFICATION LOG

THE HAWAII STATE RESPONSE PROGRAM 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 FY 2012 Release Notification Log lists a total of 295 hazardous substance and petroleum release notifications managed by the HEER Office State On Scene Coordinators (SOSCs). 225 cases were directly related to the release of petroleum related substances.

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

HEER Office Emergency Response Actions - FY 2012

<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>
295	225	70	On-site: 5 Off-site: 7	To HEER SDAR: 12 To Other Agencies: 9

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HSRP RELEASE NOTIFICATION LOG

Hawaii State Response Program Chemical Release Notification Log FY 2012						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
1	Hawaii	Captain Cook	HELCO hydraulic line release	20120217-1410	Hydraulic Oil	Soil
2	Hawaii	Haiku	MECO pole-mounted transformer 9971 release	20110701-1427	Transformer Oil	Soil
3	Hawaii	Hilo	Aloha Petroleum Hilo Bulk Plant NRC 994251	20111101-1100LG	Diesel Fuel	Soil
4	Hawaii	Hilo	Fungicide Spill in Hilo on Hwy 11	20120315-1010	Kumulus DF	Soil
5	Hawaii	Hilo	HELCO used transformer oil leak from storage tote	20120609-1638	Transformer Oil	Soil
6	Hawaii	Hilo	HELCO POLE-MOUNTED #689790 TRANSFORMER RELEASE	20110915-1117	Transformer Oil	Soil
7	Hawaii	Hilo	NRC 986201	20110816-1306	Unknown	Ocean
8	Hawaii	Hilo	Sailing Vessel Grounded in Hilo	20120620-0900	Oil	Ocean
9	Hawaii	Kailua	HELCO	20110722-1430	Transformer Oil	Soil
10	Hawaii	Kailua	HELCO pad-mounted transformer #26280 release	20111215-1011	Transformer Oil	Soil
11	Hawaii	Kailua	HELCO pad-mounted transformer #547003 release	20111206-1341	Transformer Oil	Soil
12	Hawaii	Kailua	HELCO POLE-MOUNTED TRANSFORMER #961076686 RELEASE	201111301142	Transformer Oil	Soil
13	Hawaii	Kailua	HELCO transformer pad-mount #547003 release	20110915-1118	Transformer Oil	Soil
14	Hawaii	Kailua	HELCO used oil release	20111103-1323	Used transformer oil	Soil
15	Hawaii	Kailua Kona	HELCO pole-mounted transformer #15243 release	20120417-1304	Transformer Oil	Soil
16	Hawaii	Kailua Kona	HELCO sump oily water release	20111115-1054	Oily Water Mixture	Soil
17	Hawaii	Kailua Kona	HELCO transformer pad-mounted #28697 release	20111125-1200	Transformer Oil	Soil
18	Hawaii	Kailua-Kona	HELCO Keahole Generating Power Plant diesel tank #4 overfill	20120316-1644	Diesel Fuel	Within Facility
19	Hawaii	Kailua-Kona	HELCO Pad mount Transformer Release 3T237	20110722-1431	Transformer Oil	Soil
20	Hawaii	Kailua-Kona	HELCO transformer pad-mounted #39903 release	20120412-1457	Transformer Oil	Soil
21	Hawaii	Kailua-Kona	HELCO transformer pole-mounted #15243 release	20120301-0811	Transformer Oil	Soil
22	Hawaii	Kailua-Kona	HELCO transformer switch#94154c release	20120423-1340	Transformer Oil	Soil
23	Hawaii	Kailua-Kona	NRC 1010659	20120507-0807	Oil	Ocean
24	Hawaii	Kamuela	HELCO pole-mounted transformer #12853 release	20120620-1318	Transformer Oil	Soil
25	Hawaii	Keauhou	HELCO pad-mounted transformer #12908 RELEASE	20120119-1048	Transformer Oil	Soil
26	Hawaii	Keauhou	HELCO transformer #518185 release	20111206-1345	Transformer Oil	Soil
27	Hawaii	Keauhou	HELCO transformer substation release	20111004-1226	Transformer Oil	Soil
28	Hawaii	Mililani	HELCO transformer pad-mounted #46506 release	20111013-1318	Transformer Oil	Soil
29	Hawaii	North Kohala	North Kohala	20110711-1000	Mercury, Oily Water	Other

HSRP RELEASE NOTIFICATION LOG

Hawaii State Response Program Chemical Release Notification Log FY 2012						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
30	Hawaii	Ocean	Oscar Elton Sette NRC 981679	20110705-0717	Motor Oil	Ocean
31	Hawaii	Ocean	Unknown Sheen 981559	20110702-1930	Unknown	Ocean
32	Hawaii	Ocean	Unknown Sheen 991972	20111008-1400	Unknown	Ocean
33	Hawaii	Paauilo	HELCO pole-mounted transformer #41566 release	20110829-1252	Transformer Oil	Soil
34	Hawaii	Paauilo	HELCO Transformer #41566 Release	20110908-1314	Transformer Oil	Soil
35	Hawaii	Paauilo	HELCO transformer #951017155 release	20111202-1350	Transformer Oil	Soil
36	Hawaii	Pahoa	HELCO transformer pole mounted #110583 release	20111213-1058	Transformer Oil	Soil
37	Hawaii	Pahoa	HELCO transformer pole-mounted # k454312k71a release	20111004-1227	Transformer Oil	Soil
38	Hawaii	Pahoa	Puna Geothermal Venture Turbine oil release	20120119-0650	Turbine 68 Oil	Soil
39	Hawaii	Pepeekeo	HELCO transformer substation #92042 release	20120210-1252	Transformer Oil	Soil
40	Hawaii	Puna	HELCO pole-mounted transformer #99A254603 release	20110715-1501	Transformer Oil	Soil
41	Hawaii	Waimea	Waimea Hawaii Mercury	20120328-1410	Mercury	Concrete/Air
42	Kauai	Kekaha	Bradley Pacific Aviation fuel tanker rollover	20120627-1036	Jet Fuel A	Soil
43	Kauai	Kekaha	NRC 986827	20110822-1524	Unknown	Ocean
44	Kauai	Kekaha	Pacific Missile Range Auto Fuel Spill	20120606-0930	Auto Fuel	Asphalt
45	Kauai	Lihue	Air Services Fuel Spill	20120304-1700	Jet Fuel A	Soil
46	Kauai	Lihue	Aloha Cargo hydraulic oil spill Lihue	20111028-0930	hydraulic Oil (Chevron AW)	Concrete
47	Kauai	Lihue	ILWU Union Hall vandalism	20110830-1318	Muriatic Acid	Other
48	Kauai	Lihue	Kauai Petroleum	20110721-1528	Petroleum (type unknown)	Soil
49	Kauai	Lihue	Sapphire Princess releasing Grey Water	20120212-1540	Greywater	Ocean
50	Kauai	Polihale	Oil Globules 983208	20110719-1600	Oil	Ocean
51	Lanai	Lanai City	Pete's Auto NRC 986562	20110819-1600	Unknown	Soil
52	Maui	Haiku	MECO pole-mounted Transformer # 7513 release	20120313-1437	Transformer Oil	Soil
53	Maui	Hana	Hawaiian Commercial and Sugar Company, Generator Spill	20120419-0700	Oil, Motor	Soil
54	Maui	Hana	Koki Beach - Abandoned Drum	20110926-0557	Unknown	Drum or Other Container
55	Maui	Hana	MECO Pole-mounted Transformer #6940	20110711-1346	Ergon Hy-Volt II Insulating Oil	Soil
56	Maui	Kahului	MECO Pad-mount Transformer #17290	20111008-0350	Transformer Oil	Soil
57	Maui	Kahului	MECO pad-mounted #15382 transformer release	20110811-1318	Transformer Oil	Concrete
58	Maui	Kahului	MECO silicone grease release	20111031-0947	Silicon grease	Soil

HSRP RELEASE NOTIFICATION LOG

Hawaii State Response Program Chemical Release Notification Log FY 2012						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
59	Maui	Kahului	MECO sub transformer#4934 release	20110922-1240	Transformer Oil	Soil
60	Maui	Kahului	MECO Transformer 4926 Release	20110913-0809	Transformer Oil	Soil
61	Maui	Kaunakakai	MECO pole-mounted transformer #329 release	20120302-0923	Transformer Oil	Soil
62	Maui	Keauhou	HECO sub-station transformer release	20120522-1134	Transformer Oil	Soil
63	Maui	Kihei	MECO generator diesel fuel release	20120118-1414	Diesel Fuel	Soil
64	Maui	Kihei	MECO TRANSFORMER #7742 release	20111230-0951	Transformer Oil	Soil
65	Maui	Kihei	MECO transformer pad-mounted #9750 release	20120228-1407	Transformer Oil	Soil
66	Maui	Lahaina	Gas Tank Fuel Release - Lahaina Small Boat	20110926-1118	Fuel Gas	Ocean
67	Maui	Lahaina	Hammerhead Metals radiation NRC 986566	20110819-1605	Radium	Air
68	Maui	Lahaina	Hyatt Regency Maui Resort diesel spill	20110907-0800	Diesel #2	Soil
69	Maui	Lahaina	MECO Pad-mount Transformer #10376 Release	20110831-1023	Ergon Hy-Volt II Insulating Oil	Concrete
70	Maui	Lahaina	MECO pad-mounted transformer #8943 release	20111213-1057	Transformer Oil	Soil
71	Maui	Lahaina	MECO pole-mounted #9844 transformer release	20110913-0810	Transformer Oil	Soil
72	Maui	Lahaina	MECO transformer pad-mounted # 8943 release	20111201-1148	Transformer Oil	Soil
73	Maui	Lahaina	MV Pacific Maid	20120207-0940	Diesel Fuel	Ocean
74	Maui	Lahaina	Trespassing at the Restricted Zone - Lahaina Harbor Pier	20111031-0554	Unknown	Ocean
75	Maui	Lahaina	Vessel Pacific Maid	20120207-0940LG	Diesel Fuel	Ocean
76	Maui	Makawao	MECO pad-mounted transformer #5269 release	20120314-1242	Transformer Oil	Soil
77	Maui	Makawao	MECO transformer pad-mounted # 6423 release	20120314-1243	Transformer Oil	Soil
78	Maui	Makawao	MECO transformer pad-mounted #7951 release	20111223-1110	Transformer Oil	Soil
79	Maui	Makawao	MECO transformer pad-mounted #8111 release	20120202-1200	Transformer Oil	Soil
80	Maui	Ocean	Engine Oil Release in Pacific Ocean	20110926-0556	Oil, Engine	Ocean
81	Maui	Ocean	Unknown Sheen NRC 1003098	20120205-1546	Unknown oil	Ocean
82	Maui	Ocean	USS Sea Commander	20110926-1220	Engine oil	Ocean
83	Maui	Wailea	Mercury in Mayonnaise Jar	20111101-1224	Mercury	Within Facility
84	Maui	Wailuku	MECO submersible transformer #9870 release	20111215-1010	Transformer Oil	Soil
85	Maui	Wailuku	MECO TRANSFORMER PAD-MOUNTED #16667 RELEASE	20120125-1104	Transformer Oil	Soil
86	Maui	Wailuku	MECO transformer pad-mounted #17494 RELEASE	20111128-1132	Transformer Oil	Soil
87	Molokai	Kaunakakai	Molokai trench pipe work	20120626-1400	Oil	Groundwater
88	Molokai	Maunaloa	MECO transformer #n355793yhta pad-mounted release	20110930-1539	Transformer Oil	Soil

HSRP RELEASE NOTIFICATION LOG

Hawaii State Response Program Chemical Release Notification Log FY 2012						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
89	Oahu	Aiea	98-087 Kamehameha Highway Fugitive Drums	20120207-1030	Unknown	Soil
90	Oahu	Aiea	98-1005 Moanalua Road Hydraulic Oil release	20120409-1509LG	Hydraulic	Soil
91	Oahu	Aiea	HECO pad-mounted transformer #49975 release	20120607-1421	Transformer Oil	Soil
92	Oahu	Aiea	HECO transformer pad-mounted #63351 release	20120622-1004	Transformer Oil	Concrete
93	Oahu	Aiea	HECO vault #7171 transformer release	20120507-1112	Transformer Oil	Soil
94	Oahu	Barbers Point	Aloha petroleum gas release	20110927-2125	gasoline	Concrete
95	Oahu	Barbers Point	ALOHA PETROLEUM GASOLINE RELEASE	20110927-2126	Gasoline	Concrete
96	Oahu	Barbers Point	Trespassing at Pier 5 & 6 Barbers Point	20111005-0635	Unknown	Ocean
97	Oahu	Barbers Point	USCG Air Base fuel spill	20110824-1340	JP-8	Asphalt
98	Oahu	Ewa Beach	HECO pad-mounted transformer #68530 release	20120410-1321	Transformer Oil	Soil
99	Oahu	Haleiwa	Gordon Saker	20120223-1425	Unknown	Soil
100	Oahu	Hilo	Chevron Hilo Terminal excavation discovery of FO#6	20111202-0859	Chevron Fuel Oil #6	Soil
101	Oahu	Hilo	Hawaii Community College hydraulic oil leak	20110718-1212	Hydraulic Oil	Concrete
102	Oahu	Honolulu	106 Lumahai HECO leaking transformer	20111130-1521	Transformer Oil	Asphalt
103	Oahu	Honolulu	1623 Kilohana Street dumping	20111209-2109	Kerosene	Soil
104	Oahu	Honolulu	3 Phase Pole Mount Transformers - 955 Kawaiahao	20111211-1252LG	Mineral Oil	Soil
105	Oahu	Honolulu	41-650 Waikupanaha Asbestos Pipes	20120120-1630	Asbestos (Pipe insulation)	Soil
106	Oahu	Honolulu	Ala Wai Canal Oil Release	20120530-1530	Oil	Stream
107	Oahu	Honolulu	BEI - #7 pipeline release	20110824-1130LG	Oil	Soil
108	Oahu	Honolulu	Boat Grounding Ala Wai Channel	20120224-2300	boat	Ocean
109	Oahu	Honolulu	Boat Grounding at Magic Island	20120125-1410	None	Ocean
110	Oahu	Honolulu	Bradley Pacific Aviation fuel spill gate 11 United Airlines	20110718-0950	Jet Fuel A	Asphalt
111	Oahu	Honolulu	Brown Slick in the Ala Wai Canal	20120511-1700	Unknown	Ocean
112	Oahu	Honolulu	C & C 7313 Pesticides	20120327-0930CCFM	Pesticides & Disinfectants	Air
113	Oahu	Honolulu	C&C of HONOLULU POLE-MOUNTED TRANSFORMER RELEASE	20111021-0803	Transformer Oil	Soil
114	Oahu	Honolulu	Copper thief caught stealing abandon transformer	20120515-0030	Transformer Oil	Soil and asphalt
115	Oahu	Honolulu	Diesel Fuel Release from the Barge Tara	20110919-0656	Diesel Fuel #2 Low Sulfur	Ocean
116	Oahu	Honolulu	DOT-H Tractor tire liquid	20120516-0856	Water + unknown	Asphalt
117	Oahu	Honolulu	Dumping of 5 gallon containers on H-3	20120607-1045	Unknown	Soil

HSRP RELEASE NOTIFICATION LOG

Hawaii State Response Program Chemical Release Notification Log FY 2012						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
118	Oahu	Honolulu	Flame retardants in plastic flowers	20111212-1000	Flame Retardants	Soil
119	Oahu	Honolulu	Fluid Release from Crane at Pier 51	20110913-0655	Blake Fluid, Power Steering Fluid, Transmission Fluid	Ocean
120	Oahu	Honolulu	Gexpro	20111202-1310	Hydraulic	Ocean
121	Oahu	Honolulu	Grace Pacific Cold Planer Equipment 02651	20110916-1042LG	Hydraulic Fluid	Asphalt
122	Oahu	Honolulu	Grey Substance Behind Nimitz Center	20120211-0948	Unknown	Stream
123	Oahu	Honolulu	HART Boring BH-14	20111101-1250	petroleum	Soil
124	Oahu	Honolulu	HART Boring K2-286	20120112-1124	Petroleum contaminated soil	Soil
125	Oahu	Honolulu	HART Boring TP-D6	20111101-1253	Petroleum odor	Soil
126	Oahu	Honolulu	HART discovery of petroleum contamination	20120319-1500	Petroleum	Soil
127	Oahu	Honolulu	HART Project Soil Samples	20120328-2300	Oil	Soil
128	Oahu	Honolulu	HART Soil Boring 406	20111123-1028	Petroleum Hydrocarbon	Soil
129	Oahu	Honolulu	Hawaii Opera Theatre Prop Warehouse	20120201-1355	Benzopyrene, TPH	Soil
130	Oahu	Honolulu	Hawaiian Airlines NRC 986073	20110815-1900	Jet Fuel A	Concrete
131	Oahu	Honolulu	HECO pad-mounted transformer #31745 release	20120302-0921	Transformer Oil	Soil
132	Oahu	Honolulu	HECO pad-mounted #60393 transformer release	20110927-1310	Transformer Oil	Soil
133	Oahu	Honolulu	HECO pad-mounted #68059 transformer release	20110927-1309	Transformer Oil	Soil
134	Oahu	Honolulu	HECO pad-mounted release transformer#60398	20120125-1103	Transformer Oil	Soil
135	Oahu	Honolulu	HECO pad-mounted transformer # 56605 release	20120223-1408	Transformer Oil	Soil
136	Oahu	Honolulu	HECO pad-mounted transformer #24777 release	20120327-1329	Transformer Oil	Soil
137	Oahu	Honolulu	HECO pad-mounted transformer #45038 release	20120302- 0924	Transformer Oil	Soil
138	Oahu	Honolulu	HECO pad-mounted transformer #48969 release	20111216-1128	Transformer Oil	Soil
139	Oahu	Honolulu	HECO pad-mounted transformer #50100 release	20111216-1129	Transformer Oil	Soil
140	Oahu	Honolulu	HECO pad-mounted transformer #56500 release	20120401-1317	Transformer Oil	Concrete
141	Oahu	Honolulu	HECO pad-mounted transformer #60329 release	20111213-1056	Transformer Oil	Concrete
142	Oahu	Honolulu	HECO pad-mounted transformer #61514 release	20120419-1346	Transformer Oil	Soil
143	Oahu	Honolulu	HECO pad-mounted transformer #64949 release	20120628-1133	Transformer Oil	Concrete
144	Oahu	Honolulu	HECO pad-mounted transformer #68133 release	20120403-1356	Transformer Oil	Soil
145	Oahu	Honolulu	HECO pad-mounted transformer #68679 release	20120529-1308	Transformer Oil	Concrete
146	Oahu	Honolulu	HECO pad-mounted transformer #71387 release	20120607-1420	Transformer Oil	Soil

HSRP RELEASE NOTIFICATION LOG

Hawaii State Response Program Chemical Release Notification Log FY 2012						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
99147	Oahu	Honolulu	HECO pad-mounted transformer release #71440	20111125-1159	Transformer Oil	Soil
148	Oahu	Honolulu	HECO pole mounted transformer #54138 release	20120604-1138	Transformer Oil	Soil
149	Oahu	Honolulu	HECO pole-mounted transformer #59734,5,6 release	20120113-1342	Transformer Oil	Asphalt
150	Oahu	Honolulu	HECO transformer #45808 pad-mounted release	20120127-1332	Transformer Oil	Soil
151	Oahu	Honolulu	HECO Transformer oil release	20120426-1204	Transformer Oil	Storm Drain
152	Oahu	Honolulu	HECO transformer pad-mount #61619 release	20120618-1009	Transformer Oil	Soil
153	Oahu	Honolulu	HECO transformer pad-mounted #35519 release	20120207-1251	Transformer Oil	Concrete
154	Oahu	Honolulu	HECO transformer pad-mounted #47071 release	20111223-1109	Transformer Oil	Soil
155	Oahu	Honolulu	HECO transformer pad-mounted #71203 release	20120629-0944	Transformer Oil	Concrete
156	Oahu	Honolulu	HECO transformer pad-mounted release #50107	20120127-1333	Transformer Oil	Concrete
157	Oahu	Honolulu	HECO transformer pad-mounted#46208 release	20120621-1117	Transformer Oil	Soil
158	Oahu	Honolulu	HFD gag cylinder report	20120122-0650	Compressed gas cylinder	Drum or Other Container
159	Oahu	Honolulu	Hickam JP8 spill at 10B	20111031-1445	JP-8	Asphalt
160	Oahu	Honolulu	Homemade disturbance at Old Stadium Park	20111207-0520	Corrosives	Other
161	Oahu	Honolulu	Honolulu Harbor Fishing Village petroleum discovery in grease trap excavation	20110712-1045	Petroleum	Groundwater
162	Oahu	Honolulu	Honolulu International Airport	20111219-1335	Unknown	Soil
163	Oahu	Honolulu	IDPP Nimitz Highway and Ala Kawa Street Water Main Break	20120306-1136LG	Crude Oil	Soil
164	Oahu	Honolulu	Iwilei and Pacific street power poles install/oil discovery	20120229-1127	Oil	Groundwater
165	Oahu	Honolulu	Jet Fuel Spilled at Gate 61	20111006-0632	Jet Fuel	Storm Drain
166	Oahu	Honolulu	Kiana Pt. small boat gas release	20111201-2138	Gasoline	Ocean
167	Oahu	Honolulu	Kokohead DAGS diesel spill	20120103-1000	Diesel fuel (Off-road)	Soil
168	Oahu	Honolulu	Kokohead Regional Park transformer	20110711-1635	Transformer Oil	Soil
169	Oahu	Honolulu	MATSON NAVIGATION oil release	20110723-1100	Hydraulic Oil	Ocean
170	Oahu	Honolulu	Mid-Pac petroleum gasoline release	20120521-1420	Gasoline	Concrete
171	Oahu	Honolulu	Neighbor fixing cars and fumes are stink	20120605-1122	Petroleum Hydrocarbon	Air
172	Oahu	Honolulu	Nimitz Highway oil discovery at 3'	20110831-1116	Oil	Soil
173	Oahu	Honolulu	NOAA pier air compressor explosion	20120111-0815	Compressor oil	Water, pier, and vessel
174	Oahu	Honolulu	NRC 1010442	20120503-0852	Oil	Ocean

HSRP RELEASE NOTIFICATION LOG

Hawaii State Response Program Chemical Release Notification Log FY 2012						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
175	Oahu	Honolulu	NRC 1010664	20120507-0808	None	Within Facility
176	Oahu	Honolulu	NRC 988163	20110901-1621	None	Within Facility
177	Oahu	Honolulu	NRC 989873	20110916-1152	Diesel Fuel	Within Facility
178	Oahu	Honolulu	Oil spill from NOAA's ship Hi'ialakani	20111026-1452	Vegetable oil used as hydraulic oil	Ocean
179	Oahu	Honolulu	Pacific Shipyards International hydraulic oil spill	20120629-1558	Hydraulic Oil	Ocean
180	Oahu	Honolulu	Parson Brinkerhoft Release Notification	20120217-1305	Oil	Soil
181	Oahu	Honolulu	PCS Oil Drum Spill	20120307-1400	Oil, Used	Drum or Other Container
182	Oahu	Honolulu	Pearl Harbor B15 pier	20120525-1314	Diesel Fuel	Ocean
183	Oahu	Honolulu	Petroleum Product Discovered by Honolulu Rapid Transit Project	20120214-1140	Petroleum Oil	Soil
184	Oahu	Honolulu	Pride of America NRC 998112	20111214-1035LG	Hydraulic Oil	Ocean
185	Oahu	Honolulu	Prince Edward Street dumping	20110712-0800CCFM	Unknown	Drum or Other Container
186	Oahu	Honolulu	Quik Fix Cycles	20120105-1404	Oil sheen	Storm Drain
187	Oahu	Honolulu	R22 Release at Aliamanu Military Reservation	20120227-1157	R-22	Air
188	Oahu	Honolulu	Rainbow Sheen by Pier 19	20120209-1338	Oily Water Mixture	Ocean
189	Oahu	Honolulu	Reported Oil Dumping in Ala Wai Park	20120227-1210	Oil	Soil
190	Oahu	Honolulu	Robello Lane drums	20110725-0838	Petroleum	Soil
191	Oahu	Honolulu	Rock Star Mercury	20120416-1230	Mercury	Other
192	Oahu	Honolulu	Sample Disposal	20110728-0930	Various	Within Facility
193	Oahu	Honolulu	Sewer gas at Keahole Street	20120113-0735	Sewer gas	Air
194	Oahu	Honolulu	Sheen from a fishing vessel in Kewalo Basin	20120420-0853	Oil	Ocean
195	Oahu	Honolulu	Soil Potholing for disposal - rail transit	20120620-1535	Lead, Oil	Soil
196	Oahu	Honolulu	Station K2-292	20120423-1140LG	Petroleum	Soil
197	Oahu	Honolulu	TESORO refinery gas oil release	20111025-1728	Gasoil	Soil
198	Oahu	Honolulu	Transformer oil spill	20120126-1403	Transformer Oil	Soil
199	Oahu	Honolulu	Unknown Historical Petroleum Release at North School St	20110919-1524	Petroleum	Soil
200	Oahu	Honolulu	Unknown Sheen 996924	20111201-0951	Unknown	Ocean
201	Oahu	Honolulu	Unknown Sheen at Ala Wai Harbor	20120314-0800	Oil	Ocean
202	Oahu	Honolulu	Unknown Sheen at Ala Wai Boat Harbor	20110927-0733	Oil	Ocean

HSRP RELEASE NOTIFICATION LOG

Hawaii State Response Program Chemical Release Notification Log FY 2012						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
203	Oahu	Honolulu	Unknown Sheen in Ocean	20120304-0850	Gasoline	Ocean
204	Oahu	Honolulu	USCG Cutter Hickory hydraulic oil release	20120203-1304	Hydraulic Oil	Ocean
205	Oahu	Honolulu	USS Chosin Fuel Release at Pier B-12	20120206-0836	Jet Fuel JP-5	Ocean
206	Oahu	Honolulu	USS Columbia	20120428-0902	Hydraulic Oil	Ocean
207	Oahu	Honolulu	USS North Carolina LUB OIL RELEASE	20111013-0745	Lube Oil	Ocean
208	Oahu	Honolulu	Vessel Ran Aground at Kaena Point	20111202-0758	Gasoline	Other
209	Oahu	Honolulu	Vessel Sank at Keehi Harbor	20110927-13402009033	Diesel Fuel	Ocean
210	Oahu	Honolulu	Vessel sinking in Keehi Lagoon near La Marianna Restaurant	20120605-1907	Oil	Ocean
211	Oahu	Honolulu	White cloudy discharge into Kewalo Basin	20120301-1700	Unknown	Ocean
212	Oahu	Honolulu	White powder in attic	20120312-0835	White Powder	Within Facility
213	Oahu	Honolulu	Young Brothers medical waste spill	20111102-1645	Medical waste	Asphalt
214	Oahu	Honolulu	Young Brothers Refrigerate Release	20120420-1430	Quest 134A Refrigerate	Air
215	Oahu	Kahaluu	47-339 Mapumapu Fugitive Dumping	20111219-1500CCFM	Paint - oil based, Roof coating material	Soil
216	Oahu	Kahaluu	Unknown compressed gas cylinder Kahaluu	20111130-1145	Unknown	Ocean
217	Oahu	Kailua	HECO pole mounted transformer# 71055 release	20120417-1302	Transformer Oil	Soil
218	Oahu	Kailua	HECO transformer pad-mounted #65040 release	20111019-1226	Transformer Oil	Soil
219	Oahu	Kalihi	HECO pole-mount#32049 release	20111019-1228	Transformer Oil	Soil
220	Oahu	Kaneohe	HECO transformer pole-mounted #35829 release	20110812-1240	Transformer Oil	Soil
221	Oahu	Kaneohe	HECO pole-mounted transformer #45196 release	20111130-1142	Transformer Oil	Soil
222	Oahu	Kaneohe	HECO TRANSFORMER PAD-MOUNTED #36839 RELEASE	20120604-1137	Transformer Oil	Soil
223	Oahu	Kaneohe	HECO transformer pad-mounted #45196 release	20111130-1143	Transformer Oil	Soil
224	Oahu	Kaneohe	HECO transformer pad-mounted 359052 RELEASE	20120423-1341	Transformer Oil	Concrete
225	Oahu	Kaneohe	Kaneohe stream and marina is milky white	20120424-0900	Unknown liquid	Stream and ocean
226	Oahu	Kaneohe	Unknown Sheen 981547	20110702-1022	Unknown	Ocean
227	Oahu	Kaneohe	Unknown Sheen NRC 990511	20110922-0919	Unknown	Stream
228	Oahu	Kaneohe	USCG C Kukui NRC 986215	20110817-0620	Fuel Oil	Ocean
229	Oahu	Kaneohe MCBH	P-3 airplane leaking JP-8	20120612-1402	JP-8	Asphalt
230	Oahu	Kapolei	2 x 5 gallon containers Kaomi Loop	20110909-0900	Petroleum	Concrete
231	Oahu	Kapolei	91-255 Hanua Street	20110916-1121	Oil	Soil

HSRP RELEASE NOTIFICATION LOG

Hawaii State Response Program Chemical Release Notification Log FY 2012						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
232	Oahu	Kapolei	Aloha Petroleum diesel release	20110923-1659	Diesel Fuel	Concrete
233	Oahu	Kapolei	Aloha petroleum diesel release	20110923-1658	Diesel Fuel	Asphalt
234	Oahu	Kapolei	Chevron Hydrogen cyanide continuous release	20110920-0953LG	Hydrogen cyanide	Air
235	Oahu	Kapolei	Chevron Refinery pipeline leak	20110808-0841	Fuel Oil	Soil
236	Oahu	Kapolei	Chevron Refinery potential increase flaring activity	20120317-0702	NOX, SOX	Air
237	Oahu	Kapolei	Goodfellow Brothers 998121	20111214-1501	Hydraulic Oil	Soil
238	Oahu	Kapolei	HECO pad-mounted transformer # 5755 release	20120223-1407	Transformer Oil	Concrete
239	Oahu	Kapolei	HECO transformer pad-mounted #64953 release	20111029-1227	Transformer Oil	Soil
240	Oahu	Kapolei	HECO transformer pad-mounted #71266 release	20120618-1131	Transformer Oil	Soil
241	Oahu	Kapolei	HECO transformer pad-mounted# 36314 release	20111019-1225	Transformer Oil	Soil
242	Oahu	Kapolei	Kapolei Abandoned House with Bullets	20110708-1200	Lead	Within Facility
243	Oahu	Kapolei	LPG release pump seal failure at Hydrogen Plant	20120124-1232	liquid petroleum gas	Air
244	Oahu	Kapolei	NRC 1012769	20120529-0710	None	Unknown
245	Oahu	Kapolei	Tesoro 981782	20110705-1505	Sulfur Dioxide	Air
246	Oahu	Kapolei	Tesoro light naptha release @ heat exchanger	20120117-0832	Light naptha	Air
247	Oahu	Kapolei	Tesoro NRC 990288	20110920-1530LG	Sulfur Dioxide	Air
248	Oahu	Kapolei	TESORO REFINERY Sulfur Plant shutdown	20120129-2100	SO2	Air
249	Oahu	Kapolei	Tesoro Refinery hydrogen production shut down	20110815-0637	NOX, SOX	Air
250	Oahu	Kapolei	Tesoro SPM sheen	2011101-1502	Oil sheen	Ocean
251	Oahu	Kapolei	Tesoro Sulfur Reduction Plant power outage	20120117-0821	NOX, SOX	Air
252	Oahu	Kapolei	Tesoro VACUUM GAS release	20111125-1158	Vacuum oil	Soil
253	Oahu	Kunia	Kunia Water Association chlorine release	20110829-1118	Chlorine	Air
254	Oahu	Lahaina	4 abandon drums Wili Ko Place, Lahaina	20120511-0807	Unknown	Soil
255	Oahu	Lahaina	Abandon drums in Lahaina	20120511-0815	Unknown	Concrete
256	Oahu	Mali	Bottle of Mercury under house	20110915-1200	Mercury	Soil
257	Oahu	Mililani	HECO transformer pad-mounted #38167 release	20120622-1003	Transformer Oil	Concrete
258	Oahu	Ocean	Sailing/Vessel "Quest" grounded at Makua beach	20120607-1510	Diesel Fuel	Ocean
259	Oahu	Ocean	Vessel Ran Aground at Baldwin Beach	20111031-0553	Petroleum Hydrocarbon	Ocean
260	Oahu	Pearl City	Abandon drums	20120428-1001	Unknown	Soil
261	Oahu	Pearl City	HART 420	20120124-1611	Petroleum	Soil

HSRP RELEASE NOTIFICATION LOG

Hawaii State Response Program Chemical Release Notification Log FY 2012						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
262	Oahu	Pearl City	HECO pole-mounted transformer #60199 release	20120113-1343	Transformer Oil	Soil
263	Oahu	Pearl City	HECO transformer pad-mounted #61285 release	20120622-1005	Transformer Oil	Soil
264	Oahu	Pearl Harbor	03-20-2012 Middle Loch Release	20120320-1444LG	Unknown	Ocean
265	Oahu	Pearl Harbor	NOAA ship "Oscar Elton Sette" hydraulic oil spill	20120223-1213	Hydraulic Oil	Ocean
266	Oahu	Pearl Harbor	Pearl Harbor Mystery Sheen	20120420-1630	Unknown	Ocean
267	Oahu	Pearl Harbor	Petroleum contaminated soil TMK 9-6-3 Parcel 44	20111101-1247	Petroleum Hydrocarbon	Soil
268	Oahu	Pearl Harbor	USS Hopper cooking oil release	20120614-1455	Cooking oil	Ocean
269	Oahu	Schofield Barracks	Pump Leak North of Schofield	20120419-0959	Oil Lubricating	Soil
270	Oahu	Wahiawa	410 Olive Avenue	20110714-1428	Tetrachloroethylene, Trichloroethene	Soil
271	Oahu	Wahiawa	Aloha Petroleum spill @ C/C Wahiawa base yard	20110923-1550	Diesel Fuel	Concrete
272	Oahu	Wahiawa	HMR TEMF Site (vic Bldg HMR 210) release	20110823-1223	Petroleum Hydrocarbon	Soil
273	Oahu	Wahiawa	TRANSFORMER #63347 pad-mounted release	20120207-1250	Transformer Oil	Concrete
274	Oahu	Waianae	86-211 Farrington Highway Fugitive Cylinders	20111219-1100	Oxygen	Within Facility
275	Oahu	Waianae	Waianae Elementary School diesel UST	20120625-1410	Diesel Fuel	Soil
276	Oahu	Waiekele	Waiekele Gulch Abandoned Pipeline Heavy Fuel Oil Potential to Release	20110921-1033LG	Heavy oil	Soil
277	Oahu	Waikiki	Aqua Palms	20120211-0702	Unknown	Within Facility
278	Oahu	Waimanalo	Fugitive acetylene Tank - Hihimanu Street	20120123-1527CCFM	Acetylene	Other
279	Oahu	Waimanalo	HECO transformer #70833 pad-mounted release	20120328-1116	Transformer Oil	Soil
280	Oahu	Waipahu	76 Waipahu/Kunia Gas Station Release	20120511-1630	Gasoline	Concrete
281	Oahu	Waipahu	HECO pad-mounted transformer #37645 release	20120223-1409	Transformer Oil	Soil
282	Oahu	Waipahu	HECO pad-mounted transformer #38175 release	20120501-1318	Transformer Oil	Concrete
283	Oahu	Waipahu	HECO pad-mounted transformer #38442 release	20120501-1316	Transformer Oil	Concrete
284	Oahu	Waipahu	HECO pad-mounted transformer #46965 release	20120501-1315	Transformer Oil	Concrete
285	Oahu	Waipahu	HECO pad-mounted transformer #54667 release	20120302-0922	Transformer Oil	Soil
286	Oahu	Waipahu	HECO pad-mounted transformer #59624 release	20120319-1143	Transformer Oil	Concrete
287	Oahu	Waipahu	HECO pad-mounted transformer #61004 release	20120419-1345	Transformer Oil	Soil
288	Oahu	Waipahu	HECO pad-mounted transformer #61169 release	20120507-1111	Transformer Oil	Concrete
289	Oahu	Waipahu	HECO pad-mounted transformer #65459 release	20120519-1309	Transformer Oil	Concrete

HSRP RELEASE NOTIFICATION LOG

<u>Hawaii State Response Program Chemical Release Notification Log FY 2012</u>						
	<u>Islands</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
290	Oahu	Waipahu	HECO transformer pad=mounted#59632 release	20120323-1340	Transformer Oil	Concrete
291	Oahu	Waipahu	HECO transformer pad-mounted #59847 release	20120622-1006	Transformer Oil	Concrete
292	Oahu	Waipahu	HECO transformer release 62371,62372,62373	20111012-1012	Transformer Oil	Soil
293	Oahu	Waipahu	Waikele Gulch Abandoned Pipeline Heavy Fuel Oil Release	20110701-1032LG	Fuel Oil	Soil
294	Oahu	Waipio Gentry	Ukee Street	20110720-0830CCFM	Unknown	Drum or Other Container
295	Palmyra	Palmyra Atoll National Wild Life Refuge	Fuel Tank Leak at Palmyra Atoll	20120624-1430	Diesel Fuel #2	Ocean

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THE HAWAII STATE RESPONSE PROGRAM 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 FY 2012, HEER had oversight responsibilities for 893 sites, and reached No Further Action determinations at 141 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. 504 active sites under direct DOH oversight in the various State programs are listed and include 72 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. 86 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. An additional 13 residential or commercial properties surrounding the Kilauea Emergency Removal site were assessed and received Clearance Letters indicating that there is no evidence of contamination from the former pesticide mixing operations. 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. 389 sites that are co-managed by DOH and DOD under CERCLA and HRS 128D authorities are listed.

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. 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 2012, clean up decisions were reached at 61 DSMOA sites, with remedy completion at 56 of those sites. 20 of sites closed in 2012 will require ongoing management of residual contamination through Environmental Hazard Management Plans. To date, 285 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 LISTS OF PRIORITY SITES

FY 2012 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 FY 2012 and sites requiring evaluation if an assessment or response action is required under HEER Office authority. Sites are managed within the Hazard Evaluation and Emergency Response (HEER) Office under five program areas depending upon eligibility, funding, and level of responsible party participation as:

1. State Sites
2. Hawaii Brownfields Revitalization Sites (Brownfields)
3. Hawaii Voluntary Response Program (VRP) Sites
4. Site Discovery and Preliminary Assessment/Site Inspection (PA/SI) Sites
5. 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.

Number of Sites	Program Category	Program Action	Site Status				
			High Priority	Medium Priority	Low Priority	NFA Restricted	NFA Unrestricted
451	State	Assessment	7	26	80		6
		Response	65	130	65	20	52
18	Brownfields	Assessment	-	3	9	-	-
		Response	2	2	2	-	-
9	VRP	Assessment	1	2	1	-	-
		Response	3	1	-	1	-
26	Site Discovery and PA/SI	Assessment	-	6	9	-	4
		Response	1	2	1	-	3
389	DSMOA	Assessment	16	87	180		21
		Response	8	19	18	20	15
		Remedy Selection Complete *	1	4	-	-	-
893	Total		104	282	365	41	101

- * Remedy selection is an important milestone prior to remedy completion at CERCLA sites.

HSRP LISTS OF PRIORITY SITES

Hawaii State Response Program List of Priority Sites FY 2012								
	<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>
1	Hawaii	Hakalau	Hakalau Sugar Mill	Low	Assessment	Hazard Undetermined	Ongoing	State
2	Hawaii	Hakalau	Hakalau Sugar Plantation	High	Response	Hazard Present	Ongoing	State
3	Hawaii	Hamakua	Agent Orange Application	Low	Assessment	Hazard Undetermined	Ongoing	State
4	Hawaii	Hilo	Aloha Petroleum Hilo Bulk Plant	Medium	Response	Hazard Undetermined	Ongoing	State
5	Hawaii	Hilo	Big Island Asphalt Co Inc	Medium	Response	Hazard Present	Ongoing	State
6	Hawaii	Hilo	Equilon Enterprises LLC - Hilo Terminal (Shell Oil Co)	Low	Response	Hazard Present	Ongoing	State
7	Hawaii	Hilo	Hatada Bakery (Former)	Low	Response	Hazard Managed With Institutional Controls	Inactive	State
8	Hawaii	Hilo	Hawaii Cane Products Plant - Waiakea Pond	High	Response	Hazard Present	Ongoing	State
9	Hawaii	Hilo	Hawaii Pest Control	High	Response	Hazard Present	Ongoing	State
10	Hawaii	Hilo	HELCO Generating Station: Hill/Kanoiehua	NFA	Response	No Hazard	NFA	State
11	Hawaii	Hilo	HELCO Hill Generating Station Transformer 15923 at Kanoiehua Switching Station	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 Pole-Mounted Transformer no. 20938	NFA	Response	No Hazard	NFA	State
14	Hawaii	Hilo	HELCO Pole-Mounted Transformer no. 39022	NFA	Response	No Hazard	NFA	State
15	Hawaii	Hilo	HELCO Substation: Kuhio	Medium	Assessment	Hazard Present	Ongoing	State
16	Hawaii	Hilo	Highway 19, Mile Marker 28.5	Low	Assessment	Hazard Undetermined	Ongoing	State
17	Hawaii	Hilo	Hilo Memorial Hospital	Low	Response	Hazard Undetermined	Ongoing	State
18	Hawaii	Hilo	Hilo Quality Washerette	Low	Response	Hazard Managed With Institutional Controls	Ongoing	State
19	Hawaii	Hilo	Hilo Rubbish Dump	Low	Assessment	Hazard Undetermined	Inactive	Brownfields
20	Hawaii	Hilo	Hilo Terminal 666 Kalaniana'ole Avenue	Medium	Response	Hazard Present	Ongoing	State
21	Hawaii	Hilo	Kanoiehua Industrial Warehouse	Low	Assessment	Hazard Undetermined	Inactive	Brownfields Site
22	Hawaii	Hilo	Kawailani Central Office	Medium	Assessment	Hazard Undetermined	Ongoing	State
23	Hawaii	Hilo	Keaukaha Military Reservation Container Disposal	Low	Assessment	Hazard Undetermined	Ongoing	HIANG Site

HSRP LISTS OF PRIORITY SITES

<u>Hawaii State Response Program List of Priority Sites FY 2012</u>								
	<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>
24	Hawaii	Hilo	Larry's Waiakea Chevron	Medium	Assessment	Hazard Present	Ongoing	State
25	Hawaii	Hilo	Mauna Kea Sugar - Onomea Seed Dipping Area	Low	Assessment	Hazard Present	Ongoing	Site Discovery
26	Hawaii	Hilo	Mauna Kea Sugar Company - Hilo Sugar Pesticide Mixing Area	High	Response	Hazard Present	Ongoing	State
27	Hawaii	Hilo	SFC Minoru Kunieda U.S. Army Reserve Center	NFA	Response	No Hazard	NFA	State
28	Hawaii	Honokaa	Hamakua Sugar Company Inc - Kawela Pesticide Mixing Area	Low	Response	Hazard Present	Ongoing	Site Discovery
29	Hawaii	Honokaa	Hamakua Sugar Company, Inc - Honokaa Haina Mill Pesticide Mixing Area	Low	Assessment	Hazard Undetermined	Ongoing	PA/SI
30	Hawaii	Honokaa	HELCO Honokaa Substation	NFA	Response	No Hazard	NFA	State
31	Hawaii	Honokaa	Honokaa Wastewater Treatment Plant	Low	Assessment	Hazard Present	Ongoing	State
32	Hawaii	Kailua-Kona	Hawaii Petroleum- Kona Branch (Kona Warehouse & Cardlock)	Low	Assessment	Hazard Undetermined	Ongoing	State
33	Hawaii	Kailua-Kona	HELCO Pole-Mount Transformer 32014	NFA	Response	No Hazard	NFA	State
34	Hawaii	Kailua-Kona	Honokohau Industrial Park-Lower Boat Park Soil Contamination	Low	Assessment	Hazard Undetermined	Ongoing	State
35	Hawaii	Kailua-Kona	Kailua Candy Co.	NFA	Response	No Hazard	NFA	State
36	Hawaii	Kamuela	HELCO Pole-Mounted Transformer #33807	NFA	Response	No Hazard	NFA	State
37	Hawaii	Kamuela	HELCO Substation: Ouli Substation	Medium	Assessment	Hazard Undetermined	Ongoing	State
38	Hawaii	Kamuela	Kamuela Baseyard	Low	Assessment	Hazard Undetermined	Inactive	State
39	Hawaii	Kamuela	Waimea Quarry	Low	Response	Hazard Undetermined	Ongoing	State
40	Hawaii	Kawaihae	Akana Petroleum, Inc-Kawaihae Harbor	Medium	Assessment	Hazard Undetermined	Ongoing	State
41	Hawaii	Keaau	Kamehameha Schools Keaau Campus	Low	Response	Hazard Undetermined	Ongoing	State
42	Hawaii	Keaau	Keaau Hotel Site	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
43	Hawaii	Keaau	Keaau Middle School	High	Response	Hazard Managed With Institutional Controls	Inactive	State
44	Hawaii	Keaau	Keaau Pahoa Road 118 Acre Parcel	High	Response	Hazard Present	Inactive	State
45	Hawaii	Keaau	Keaau Triangle Lot	High	Response	Hazard Present	Inactive	State
46	Hawaii	Keaau	Puna Sugar Mill	Medium	Assessment	Hazard Undetermined	Ongoing	PA/SI
47	Hawaii	Kealahou	Kealahou Heritage Ranch	Low	Response	Hazard Present	Ongoing	State

HSRP LISTS OF PRIORITY SITES

<u>Hawaii State Response Program List of Priority Sites FY 2012</u>								
	<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>
48	Hawaii	Keauhou	Keauhou Mechanics Yard	Low	Assessment	Hazard Undetermined	Inactive	State
49	Hawaii	Kohala	Kohala Sugar Company	High	Assessment	Hazard Present	Ongoing	State
50	Hawaii	Laupahoehoe	Hamakua Sugar Company, Inc - Papaaloa Pesticide Mixing Area	Low	Assessment	Hazard Present	Ongoing	Site Discovery
51	Hawaii	Milolii	Abandoned Milolii Gas Station	NFA	Response	No Hazard	NFA	State
52	Hawaii	Mountain View	HELCO Pole-Mounted Transformer	NFA	Response	No Hazard	NFA	State
53	Hawaii	Naalehu	Hawaii Petroleum Distributors, Inc 200 Gallon Fuel Spill	Low	Assessment	Hazard Present	Inactive	State
54	Hawaii	North Kohala	Kohala Sugar Company Transformers	Low	Assessment	No Hazard	Ongoing	State
55	Hawaii	Ookala	Ookala Gym and Ball Park	Low	Assessment	Hazard Present	Inactive	Brownfields
56	Hawaii	Paauhau	Hamakua Sugar Company, Inc - Paauhau Sugar Mill	Medium	Response	Hazard Present	Ongoing	Site Discovery
57	Hawaii	Paauilo	Hamakua Sugar Company, Inc - Asbestos Disposal Site	Low	Assessment	Hazard Present	Ongoing	State
58	Hawaii	Paauilo	Hamakua Sugar Company, Inc - Ookala Fuel Station	Low	Assessment	Hazard Present	Ongoing	State
59	Hawaii	Paauilo	Hamakua Sugar Company, Inc - Paauilo Sugar Mill	Medium	Assessment	Hazard Present	Ongoing	PA/SI
60	Hawaii	Paauilo	Mauna Kea Ranch Overspill Spillage	Low	Assessment	Hazard Undetermined	Inactive	State
61	Hawaii	Pahala	Kau Sugar Mill	Medium	Response	Hazard Present	Ongoing	State
62	Hawaii	Pahala	ML Macadamia Orchards, LP (Kau Div)	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
63	Hawaii	Pahoa	HELCO Pole-Mounted Transformer no. 27553	NFA	Response	No Hazard	NFA	State
64	Hawaii	Papaikou	27-0330 Mamalahoa Highway Collision	Low	Response	Hazard Undetermined	Ongoing	State
65	Hawaii	Papaikou	Mauna Kea Sugar/Onomea Sugar Papaikou Mill Pesticide Mixing Area	Medium	Response	Hazard Present	Ongoing	Site Discovery
66	Hawaii	Pepeekeo	Black Oil and Drum Sites	Low	Response	Hazard Present	Ongoing	State
67	Hawaii	Pepeekeo	Hilo Coast Power Company Diesel Fuel Storage Tank	Low	Assessment	Hazard Undetermined	Inactive	State
68	Hawaii	Pepeekeo	Kraus Property	Medium	Assessment	Hazard Present	Ongoing	State
69	Hawaii	Pepeekeo	Petroleum Impacted Soil Downslope of Former HCPC Maintenance Garage	Medium	Response	Hazard Present	Ongoing	State
70	Hawaii	South Kona	Kamehameha Schools Estoy Property	Medium	Response	Hazard Present	Ongoing	State

HSRP LISTS OF PRIORITY SITES

<u>Hawaii State Response Program List of Priority Sites FY 2012</u>								
	<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>
71	Hawaii	Waiakea	Waiakea Upland Arsenic Site	High	Assessment	Hazard Present	Inactive	State
72	Hawaii	Waipunalei	Hamakua Sugar Company, Inc - Waipunalei	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	Site Discovery
73	Kauai	Barking Sands	Kauai Test Facility	Low	Assessment	Hazard Present	Ongoing	State
74	Kauai	Eleele	McBryde Sugar Numila Pesticide Mixing Area	Medium	Assessment	Hazard Present	Ongoing	State
75	Kauai	Hanamaulu	Lihue Plantation Co, Ltd - Lihue Herbicide Mixing Plant	Medium	Response	Hazard Undetermined	Ongoing	State
76	Kauai	Hanapepe	Sakoda Garage	Low	Response	Hazard Present	Ongoing	State
77	Kauai	Kalaheo	Kalaheo Elementary Phase 1	Low	Assessment	Hazard Undetermined	Ongoing	State
78	Kauai	Kapaa	Leonard's, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
79	Kauai	Kapaa	Wailua Homestead Wells 0421-01& 02	Low	Response	Hazard Present	Inactive	State
80	Kauai	Kekaha	HIANG Kekaha	Low	Assessment	Hazard Undetermined	Inactive	HIANG Site
81	Kauai	Kekaha	Kekaha Diesel Generator	Medium	Response	Hazard Undetermined	Ongoing	State
82	Kauai	Kekaha	Kekaha Sugar Co, Ltd	Low	Response	Hazard Present	Ongoing	State
83	Kauai	Kekaha	Kekaha Sugar Co, Ltd - Kekaha Wood Treatment Plant	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
84	Kauai	Kilauea	Hale Hoolulu-Kilauea	Low	Response	Hazard Present	Ongoing	State
85	Kauai	Kilauea	Kilauea Sugar Company Pesticide Mixing and Storage Area	High	Response	Hazard Managed with Engineering Controls	NFA for surrounding properties	Site Discovery
86	Kauai	Koloa	Koloa Mill Pesticide Mixing Area Pre-1974	NFA	Assessment	No Hazard	NFA	Site Discovery
87	Kauai	Lihue	Former Ahukini Dump	Low	Assessment	Hazard Present	Ongoing	State
88	Kauai	Lihue	Grace Pacific Corporation - Hanamaulu Facility	High	Assessment	Hazard Undetermined	Ongoing	State
89	Kauai	Lihue	Kauai Beverage and Ice Cream Company	NFA	Response	No Hazard	NFA	State
90	Kauai	Lihue	Koamalu Plantation LLC Condominium	Medium	Response	Hazard Undetermined	Ongoing	State
91	Kauai	Lihue	Lihue Plantation Co, Ltd	High	Response	Hazard Present	Ongoing	Brownfields
92	Kauai	Lihue	Lihue Plantation Co, Ltd - Lihue Sugar Mill and Power Plant	Medium	Assessment	Hazard Undetermined	Ongoing	Brownfields
93	Kauai	Lihue	Nawiliwili Fuel Distribution Terminal	Low	Response	Hazard Undetermined	Ongoing	State
94	Kauai	Lihue	Nawiliwili Harbor Pier 1 Fuel Contamination	Low	Assessment	Hazard Undetermined	Ongoing	State

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95	Kauai	Lihue	Nawiliwili Harbor Pier 2 Oil Spill	Low	Assessment	Hazard Undetermined	Inactive	State
96	Kauai	Lihue	Nawiliwili Harbor Pier 3 Bollard Foundation Construction	Low	Assessment	Hazard Undetermined	Inactive	State
97	Kauai	Lihue	Nawiliwili Harbor Pier 3 Improvements	Low	Response	Hazard Present	Ongoing	State
98	Kauai	Puhi	Grove Farm Company at Puhi	Medium	Assessment	Hazard Present	Ongoing	State
99	Kauai	Wailua	Coco Palms Sewage Pump Station	Low	Assessment	Hazard Undetermined	Inactive	State
100	Kauai	Waimea	Meadow Gold Dairies, Inc- Waimea	Low	Response	Hazard Present	Inactive	State
101	Kauai	Waimea	Navy MFH PMRF Barking Sands	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
102	Kure Atoll	Kure Atoll	Kure Atoll, U.S. Coast Guard	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
103	Lanai	Lanai City	MECO Pole-Mount Transformer no. 0012	NFA	Response	No Hazard	NFA	State
104	Maui	Haiku	MECO Pole-Mount Transformer (unknown number)	NFA	Response	No Hazard	NFA	State
105	Maui	Haiku	MECO Pole-Mount Transformer 5492	NFA	Response	No Hazard	NFA	State
106	Maui	Haiku	MECO Pole-Mount Transformer 8857	NFA	Response	No Hazard	NFA	State
107	Maui	Hana	Kaeleku Plantation Company Mill	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
108	Maui	Hana	Kipahulu Sugar Company Mill	NFA	Assessment	No Hazard	NFA	Site Discovery
109	Maui	Hana	MECO Pole E-31A - Hana Hwy	NFA	Response	No Hazard	NFA	State
110	Maui	Hana	MECO Pole-Mount Transformer no. 3449	NFA	Response	No Hazard	NFA	State
111	Maui	Kahului	A&B Central Power Plant Pipelines	Medium	Assessment	Hazard Undetermined	Ongoing	State
112	Maui	Kahului	Alii Linen Service (fka Snow White Linen)	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
113	Maui	Kahului	Costco #119 Maui Addition Lot 21A	Medium	Assessment	Hazard Undetermined	Ongoing	VRP
114	Maui	Kahului	Fong Construction	Low	Assessment	Hazard Undetermined	Inactive	State
115	Maui	Kahului	HIANG Kahului	Low	Assessment	Hazard Undetermined	Inactive	HIANG Site
116	Maui	Kahului	Hobron Ave Area (Kahului)	Low	Response	Hazard Present	Ongoing	State
117	Maui	Kahului	Kahului Fuel Distribution Terminal	Low	Response	Hazard Present	Ongoing	State
118	Maui	Kahului	Kahului Terminal	Low	Response	Hazard Present	Ongoing	State
119	Maui	Kahului	Lot F3 South Wakea Avenue	NFA	Response	Hazard Managed With Engineering Controls	NFA	State

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120	Maui	Kahului	Lot F4 Kane Street	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
121	Maui	Kahului	Maui Pineapple Co Ltd, Kane Street	Medium	Response	Hazard Undetermined	Ongoing	State
122	Maui	Kahului	Maui Pineapple Co Ltd, Seed Treatment Facility	NFA	Response	No Hazard	NFA	State
123	Maui	Kahului	Maui Pineapple Co Ltd, Suspected Former Agricultural Deep Soil Dump	Low	Assessment	Hazard Undetermined	Inactive	State
124	Maui	Kahului	MECO Pad-Mount Transformer no. 21813	NFA	Response	No Hazard	NFA	State
125	Maui	Kahului	MECO Pole-Mount Transformer no. 6748	NFA	Response	No Hazard	NFA	State
126	Maui	Kahului	MECO Pole-Mount Transformer No. 6930	Low	Assessment	Hazard Undetermined	Inactive	State
127	Maui	Kahului	MECO Station-Class Transformer No. 6369	NFA	Response	No Hazard	NFA	State
128	Maui	Kahului	Pad-Mount Transformer MECO	NFA	Response	No Hazard	NFA	State
129	Maui	Kahului	Sears Auto Center	Low	Assessment	Hazard Undetermined	Inactive	State
130	Maui	Kahului	Six Coast Guard Housing Lots	NFA	Assessment	No Hazard	NFA	State
131	Maui	Kahului	VIP Warehouse	Low	Assessment	Hazard Present	Ongoing	State
132	Maui	Kihei	Maui Electric - Substation 35, Kihei	NFA	Response	No Hazard	NFA	State
133	Maui	Kihei	MECO Pad-Mount Transformer no. 15683	NFA	Response	No Hazard	NFA	State
134	Maui	Kihei	MECO Transformer No 8554	NFA	Response	No Hazard	NFA	State
135	Maui	Kihei	MECO Transformer No 8811	NFA	Response	No Hazard	NFA	State
136	Maui	Kihei	MECO Transformer No. 8537	NFA	Response	No Hazard	NFA	State
137	Maui	Kihei	Selland Construction Inc, Kihei Base Yard	Low	Response	Hazard Undetermined	Inactive	State
138	Maui	Kula	MECO Pad-Mount Transformer 6324	NFA	Response	No Hazard	NFA	State
139	Maui	Kula	MECO Transformer 6371	NFA	Response	No Hazard	NFA	State
140	Maui	Kula	MECO Transformers Kula	Low	Response	Hazard Undetermined	Ongoing	State
141	Maui	Lahaina	Kapalua Resort Company	Low	Assessment	Hazard Undetermined	Ongoing	State
142	Maui	Lahaina	MECO Pad-Mount Transformer 4172	NFA	Response	No Hazard	NFA	State
143	Maui	Lahaina	MECO Pad-Mount Transformer No. 10327	NFA	Response	No Hazard	NFA	State
144	Maui	Lahaina	MECO Pad-Mount Transformer No. 16019	NFA	Response	No Hazard	NFA	State
145	Maui	Lahaina	MECO Pad-Mount Transformer no. 8290	NFA	Response	No Hazard	NFA	State
146	Maui	Lahaina	MECO submersible Transformer No. 4726	Low	Assessment	Hazard Undetermined	Inactive	State

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147	Maui	Lahaina	Olowalu Company Sugar Mill	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
148	Maui	Makawao	MECO Pole-Mount Transformer no. 6159	NFA	Response	No Hazard	NFA	State
149	Maui	Paia	MECO Pole-Mount Transformer no. 9353	NFA	Response	No Hazard	NFA	State
150	Maui	Paia	Paia Sugar Mill	Medium	Assessment	Hazard Present	Ongoing	PA/SI
151	Maui	Pukalani	Maui Pineapple Co Ltd, Corn Mill Camp	High	Assessment	Hazard Present	Ongoing	State
152	Maui	Puunene	Old Puunene Airport Soil Contamination	Low	Assessment	Hazard Undetermined	Ongoing	State
153	Maui	Wailea	MECO Pad-Mount Transformer No. 8338	NFA	Response	No Hazard	NFA	State
154	Maui	Wailea	MECO Pad-Mount Transformer no. 9322	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
155	Maui	Wailuku	Maui Disposal	NFA	Response	No Hazard	NFA	State
156	Maui	Wailuku	MECO Pole-Mount Transformer no. 8804	NFA	Response	No Hazard	NFA	State
157	Maui	Wailuku	Organizational Maintenance Shop #3 (OMS #3)	Low	Assessment	Hazard Undetermined	Ongoing	HIANG Site
158	Maui	Wailuku	Waiale Ash Pile	Low	Response	Hazard Present	Ongoing	State
159	Maui	Wailuku	Wailuku Sugar Agricultural Department Pesticide Mixing	Medium	Assessment	Hazard Managed With Institutional Controls	Ongoing	Site Discovery
160	Maui	Wailuku	Wailuku Sugar Company Pesticide Mixing Area	High	Assessment	Hazard Undetermined	Ongoing	Site Discovery
161	Molokai	Hoolehua	Grace Pacific Corporation Manawainui, Molokai Facility	Low	Response	Hazard Present	Ongoing	State
162	Molokai	Ilio Point	Long Range Navigation Station Ilio Point	High	Response	Hazard Present	Ongoing	State
163	Molokai	Ilio Point	Long Range Navigation Station Ilio Point UST	Low	Assessment	Hazard Undetermined	Ongoing	State
164	Molokai	Kaunakakai	Galiher-Ono Property	Medium	Assessment	Hazard Present	Ongoing	State
165	Molokai	Kaunakakai	Hawaiian Eye Center	Low	Assessment	Hazard Undetermined	Inactive	State
166	Molokai	Kaunakakai	Island Petroleum, Inc (Kaunakakai Terminal)	Low	Response	Hazard Present	Ongoing	State
167	Molokai	Kaunakakai	Kaunakakai Drainage System B	Medium	Assessment	Hazard Undetermined	Ongoing	State
168	Molokai	Kaunakakai	MECO Generating Station: Palaau	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
169	Molokai	Kaunakakai	Molokai Community Service Center	Medium	Response	Hazard Present	Ongoing	State
170	Molokai	Kaunakakai	Rawlins' Chevron Service	NFA	Response	Hazard Managed With Engineering Controls	NFA	State

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171	Molokai	Kaunakakai	Rawlins' Chevron Service Hydraulic Hoist and Sand-And-Grease Trap	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
172	Molokai	Maunaloa	Molokai Ranch Pineapple Pesticide and Maintenance Operations	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
173	Molokai	Molokai	Blue Hawaiian Helicopter Impact Location (Molokai)	NFA	Response	No Hazard	NFA	State
174	Molokai	Wailua	MECO Pole-Mount Transformer no. 11543	NFA	Response	No Hazard	NFA	State
175	Oahu	Aiea	98-121 Lipoa Place	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
176	Oahu	Aiea	98-151 Lipoa Place	Medium	Response	Hazard Present	Ongoing	State
177	Oahu	Aiea	Aiea Stream	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
178	Oahu	Aiea	Aiea Sugar Mill Lot 15	High	Response	Hazard Managed With Engineering Controls	Ongoing	VRP
179	Oahu	Aiea	Former JC Penny Auto Center	NFA	Response	No Hazard	NFA	State
180	Oahu	Aiea	Grace Pacific Corporation - Halawa Valley Street	Low	Response	Hazard Present	Ongoing	State
181	Oahu	Aiea	Hawaii Baking Company	Low	Assessment	Hazard Undetermined	Inactive	State
182	Oahu	Aiea	HECO Transformer 52091	Low	Assessment	Hazard Undetermined	Inactive	State
183	Oahu	Aiea	Navy MFH Halawa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
184	Oahu	Aiea	Navy MFH McGrew Point	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
185	Oahu	Aiea	Sears Facility #1578 at Pearlridge Mall Elevator Jack	Low	Response	Hazard Present	Ongoing	State
186	Oahu	Aiea	Sears Facility #1578 at Pearlridge Mall Hydraulic Hoist	Low	Response	Hazard Present	Ongoing	State
187	Oahu	Barbers Point	Aloha Petroleum, Barbers Pt Sales Terminal (Formerly Texaco/Equilon)	Low	Response	Hazard Present	Ongoing	State
188	Oahu	Barbers Point	Barbers Point Harbor Expansion	Low	Response	Hazard Undetermined	Ongoing	State
189	Oahu	Barbers Point	Barbers Point Harbor Pier 5	Low	Assessment	Hazard Undetermined	Inactive	State
190	Oahu	Barbers Point	Barbers Point Harbor Pier 7 and Storage Yard S-6	Low	Assessment	Hazard Undetermined	Inactive	State
191	Oahu	Camp HM Smith	Marines MFH Camp Smith	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

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192	Oahu	Ewa	Ewa Mill Manager's Mansion and Three-House Camp	Low	Response	Hazard Undetermined	Inactive	Brownfields
193	Oahu	Ewa	Waipahu Garden Center	Low	Assessment	Hazard Undetermined	Ongoing	Brownfields
194	Oahu	Ewa Beach	BHP Gas Express Station 43 Ewa Repair Shop	Low	Assessment	Hazard Undetermined	Ongoing	State
195	Oahu	Ewa Beach	Palailai Landfill	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
196	Oahu	Fort Shafter	Army MFH FS Funston Village	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
197	Oahu	Fort Shafter	Army MFH FS Hauoli Heights North	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
198	Oahu	Fort Shafter	Army MFH FS Hauoli Heights South	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
199	Oahu	Fort Shafter	Army MFH FS Palm Circle	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
200	Oahu	Fort Shafter	Army MFH FS Radar Hill	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
201	Oahu	Fort Shafter	Army MFH FS Rice Manor	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
202	Oahu	Fort Shafter	Army MFH FS Simpson-Wisser Community Center	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
203	Oahu	Fort Shafter	Army MFH FS Simpson-Wisser Neighborhood	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
204	Oahu	Haleiwa	Twin Bridge Road Drum Dumping-Haleiwa	Low	Response	Hazard Present	Ongoing	State
205	Oahu	Helemano MR	Army MFH HMR Kalapana	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
206	Oahu	Helemano MR	Army MFH HMR Kekona	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
207	Oahu	Helemano MR	Army MFH HMR Kuapale	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
208	Oahu	Hickam AFB	Air Force MFH HAFB CGO-FGO Minor Renovation	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
209	Oahu	Hickam AFB	Air Force MFH HAFB Challenger Loop Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
210	Oahu	Hickam AFB	Air Force MFH HAFB Earhart I-1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
211	Oahu	Hickam AFB	Air Force MFH HAFB Earhart I-2	High	Response	Hazard Managed With Engineering Controls	Ongoing	State

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212	Oahu	Hickam AFB	Air Force MFH HAFB Earhart I-3	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
213	Oahu	Hickam AFB	Air Force MFH HAFB Earhart I-4	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
214	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
215	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Village Park II-1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
216	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Village Park II-4	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
217	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 01	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
218	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 02	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
219	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 03	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
220	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 04	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
221	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 05	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
222`	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 06	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
223	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 07	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
224	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 08	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
225	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 08 South	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
226	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 09	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
227	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 10	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
228	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 11	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
229	Oahu	Hickam AFB	Air Force MFH HAFB GO-SO Historic Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
230	Oahu	Hickam AFB	Air Force MFH HAFB Hale Na Koa I-1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State

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231	Oahu	Hickam AFB	Air Force MFH HAFB Hale Na Koa Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
232	Oahu	Hickam AFB	Air Force MFH HAFB Hickam Field NCO Area	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
233	Oahu	Hickam AFB	Air Force MFH HAFB Hickam Field Officer Area	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
234	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 01	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
235	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 02	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
236	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 03	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
237	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 04	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
238	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 05	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
239	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 06	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
240	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 07	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
241	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 08	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
242	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 09	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
243	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 10	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
244	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
245	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-2	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
246	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-3	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
247	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
248	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 2	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
249	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 3	High	Response	Hazard Managed With Engineering Controls	Ongoing	State

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250	Oahu	Hickam AFB	Air Force MFH HAFB SO Minor Renovation	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
251	Oahu	Hickam AFB	Air Force MFH Hickam Communities Remedial Action	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
252	Oahu	Honolulu	1310 Pensacola Street	NFA	Response	No Hazard	NFA	State
253	Oahu	Honolulu	158 Sand Island Access Rd	Medium	Response	Hazard Present	Ongoing	State
254	Oahu	Honolulu	180 Sand Island Access Rd	Medium	Response	Hazard Present	Ongoing	State
255	Oahu	Honolulu	1800 Vancouver Drive	Medium	Assessment	Hazard Undetermined	Ongoing	State
256	Oahu	Honolulu	1950 Homerule Street	Low	Assessment	Hazard Present	Ongoing	State
257	Oahu	Honolulu	2135 Auiki St	Medium	Response	Hazard Present	Ongoing	State
258	Oahu	Honolulu	218 Mohonua Place	Medium	Response	Hazard Present	Ongoing	State
259	Oahu	Honolulu	2250 Pahounui Drive	Medium	Assessment	Hazard Present	Ongoing	State
260	Oahu	Honolulu	373 North Nimitz Highway	Medium	Response	Hazard Present	Ongoing	State
261	Oahu	Honolulu	420-470 North Nimitz Highway	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
262	Oahu	Honolulu	580 North Nimitz Highway	Low	Response	Hazard Managed With Engineering Controls	Inactive	State
263	Oahu	Honolulu	595 Ala Moana Black Oil Pipeline	Low	Assessment	Hazard Undetermined	Ongoing	State
264	Oahu	Honolulu	700 N Nimitz IDPP Release	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
265	Oahu	Honolulu	755 N Nimitz Hwy	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
266	Oahu	Honolulu	775 North Nimitz Highway	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
267	Oahu	Honolulu	836 Kawaiahao Street	Low	Response	Hazard Undetermined	Ongoing	State
268	Oahu	Honolulu	Ala Moana WWPS Force Main #3 and #4	Medium	Assessment	Hazard Undetermined	Ongoing	State
269	Oahu	Honolulu	Ala Wai Harbor Boat Repair Yard	NFA	Assessment	No Hazard	NFA	State
270	Oahu	Honolulu	Ala Wai Harbor Fuel Dock	Medium	Response	Hazard Present	Ongoing	State
271	Oahu	Honolulu	Alii #3282	Medium	Response	Hazard Present	Ongoing	State
272	Oahu	Honolulu	Allstate Industrial & Marine Cleaning, Inc.	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
273	Oahu	Honolulu	Aloha Petroleum Terminal	Medium	Response	Hazard Present	Ongoing	State
274	Oahu	Honolulu	Aloha Tower Development	Low	Assessment	Hazard Present	Ongoing	State

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	<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>
275	Oahu	Honolulu	Aloha/King Self Storage	NFA	Response	Hazard Managed With Engineering Controls	NFA	VRP
276	Oahu	Honolulu	ARCO AM/PM #82102 (Texaco 61-100-0043)	Low	Response	Hazard Present	Ongoing	State
277	Oahu	Honolulu	Army MFH AMR Bougainville	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
278	Oahu	Honolulu	Army MFH AMR Hibiscus	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
279	Oahu	Honolulu	Army MFH AMR Makai View	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
280	Oahu	Honolulu	Army MFH AMR Plumeria	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
281	Oahu	Honolulu	Army MFH AMR Rim Loop	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
282	Oahu	Honolulu	Army MFH AMR Skyview	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
283	Oahu	Honolulu	Army MFH AMR Valley View	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
284	Oahu	Honolulu	BHP Gasco Benzene Site	High	Response	Hazard Managed With Institutional Controls	Ongoing	State
285	Oahu	Honolulu	Brewer Environmental Industries-Pacific Street	High	Assessment	Hazard Present	Ongoing	VRP
286	Oahu	Honolulu	BTU Storage Tanks Pier 19	Medium	Response	Hazard Present	Ongoing	State
287	Oahu	Honolulu	Chevron Honolulu Terminal Marine	Medium	Response	Hazard Present	Ongoing	State
288	Oahu	Honolulu	Chevron Honolulu Transportation Terminal	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
289	Oahu	Honolulu	Chevron Kapalama Northeast Parcel	Medium	Response	Hazard Present	Ongoing	State
290	Oahu	Honolulu	Chevron Kapalama Northwest Parcel	Low	Response	Hazard Present	Ongoing	State
291	Oahu	Honolulu	Chevron Kapalama Terminal	Medium	Response	Hazard Present	Ongoing	State
292	Oahu	Honolulu	Chevron Pier 35 Pipeline Release	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
293	Oahu	Honolulu	Chevron Tanker Truck Loading Rack (TTLR)	High	Assessment	Hazard Undetermined	Ongoing	State
294	Oahu	Honolulu	Citizens Energy Services Pier 38	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
295	Oahu	Honolulu	Coast Guard MFH Red Hill Makai	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

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296	Oahu	Honolulu	Coast Guard MFH Red Hill Mauka	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
297	Oahu	Honolulu	DLNR Buried Drum Site	Low	Assessment	Hazard Managed With Institutional Controls	Inactive	State
298	Oahu	Honolulu	Dole Iwilei	Medium	Assessment	Hazard Present	Ongoing	State
299	Oahu	Honolulu	Domestic Commercial Fishing Village	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
300	Oahu	Honolulu	Former Kapalama Military Reservation Piers 39 and 40 Pipelines	Medium	Assessment	Hazard Undetermined	Ongoing	State
301	Oahu	Honolulu	Hale Pua Nui UST Removal	Medium	Response	Hazard Undetermined	Ongoing	State
302	Oahu	Honolulu	Hart Street WWPS	Low	Response	Hazard Present	Ongoing	State
303	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Airport	Low	Assessment	Hazard Present	Ongoing	State
304	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Airport Relief Valve Release	Low	Assessment	Hazard Undetermined	Ongoing	State
305	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Access Road	Low	Assessment	Hazard Undetermined	Inactive	State
306	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Oil/Water Drain Line Release	Low	Response	Hazard Present	Ongoing	State
307	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Slurry Wall Trenching Activity	Medium	Response	Hazard Present	Ongoing	State
308	Oahu	Honolulu	Hawaii Grain Corporation	Low	Assessment	Hazard Undetermined	Ongoing	State
309	Oahu	Honolulu	Hawaii Instrumentation & Controls, Inc	Medium	Response	Hazard Managed With Engineering Controls	Inactive	State
310	Oahu	Honolulu	Hawaii Metal Recycling Company Pier 35	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
311	Oahu	Honolulu	Hawaii Stevedores	Low	Response	Hazard Present	Ongoing	State
312	Oahu	Honolulu	Hawaii Transfer Company, Ltd Pier 36	Low	Response	Hazard Present	Ongoing	State
313	Oahu	Honolulu	Hawaiian Electric Company (HECO) - Iwilei Tank Yard	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
314	Oahu	Honolulu	Hawaiian Electric Company (HECO)-Honolulu Generating Station	Low	Assessment	Hazard Undetermined	Inactive	State Response Program
315	Oahu	Honolulu	Hawaiian Flour Mill	Medium	Response	Hazard Present	Ongoing	State
316	Oahu	Honolulu	Hawaiian Fluid Power Company	Low	Response	Hazard Present	Ongoing	State
317	Oahu	Honolulu	Hawaiian Tug & Barge Corporation	Low	Assessment	Hazard Undetermined	Inactive	State

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	<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>
318	Oahu	Honolulu	HECO Fuel Oil Pipeline Route State Energy Corridor	Low	Assessment	Hazard Undetermined	Ongoing	State
319	Oahu	Honolulu	HECO Pad-Mount Transformer No. 57270	NFA	Response	No Hazard	NFA	State
320	Oahu	Honolulu	HECO Pole-Mount Transformer 52849	NFA	Response	No Hazard	NFA	State
321	Oahu	Honolulu	HECO Pole-Mount Transformers No. 51098 (15), 51099 (15), 51100 (3)	NFA	Response	No Hazard	NFA	State
322	Oahu	Honolulu	HECO Substation: Pukele Substation	Low	Assessment	Hazard Undetermined	Ongoing	State
323	Oahu	Honolulu	HECO Transformer 27266	NFA	Response	No Hazard	NFA	State
324	Oahu	Honolulu	HECO Transformer 26127	NFA	Response	No Hazard	NFA	TSCA
325	Oahu	Honolulu	Honolulu Harbor Iwilei District Operating Parties	Medium	Assessment	Hazard Undetermined	Ongoing	State
326	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU1A	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
327	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU1C	Low	Assessment	Hazard Undetermined	Ongoing	State
328	Oahu	Honolulu	Honolulu High-Capacity Transit Corridor Project	Medium	Assessment	Hazard Present	Ongoing	State
329	Oahu	Honolulu	Honolulu Marine Small Boat Shipyard at Keehi Lagoon	Low	Assessment	Hazard Undetermined	Ongoing	State
330	Oahu	Honolulu	Honolulu Seawater Air Conditioning Project	High	Response	Hazard Undetermined	Ongoing	State
331	Oahu	Honolulu	Honolulu Shipyard, Inc	Low	Response	Hazard Undetermined	Inactive	State
332	Oahu	Honolulu	Interisland Maintenance Facility Site Elliot Street	Low	Response	Hazard Undetermined	Ongoing	State
333	Oahu	Honolulu	Island Movers, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
334	Oahu	Honolulu	Iwilei Fruits and Produce	Low	Response	Hazard Undetermined	Ongoing	State
335	Oahu	Honolulu	Iwilei Project Site (Iwilei Brownfields)	Low	Response	Hazard Present	Inactive	State
336	Oahu	Honolulu	K&Y Auto Service and Wayne's Auto Electric	Medium	Assessment	Hazard Present	Ongoing	State
337	Oahu	Honolulu	Kakaako Brownfield Project	High	Response	Hazard Managed With Institutional Controls	Ongoing	State
338	Oahu	Honolulu	Kakaako Brownfield Project - Unit 10	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
339	Oahu	Honolulu	Kakaako Brownfield Project - Unit 2	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
340	Oahu	Honolulu	Kakaako Brownfield Project - Unit 4	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site

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341	Oahu	Honolulu	Kakaako Brownfield Project - Unit 5	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
342	Oahu	Honolulu	Kakaako Brownfield Project - Unit 6	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
343	Oahu	Honolulu	Kakaako Brownfield Project - Unit 7	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
344	Oahu	Honolulu	Kakaako Brownfield Project - Unit 8	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
345	Oahu	Honolulu	Kakaako Brownfield Project - Unit 9	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
346	Oahu	Honolulu	Kakaako Makai District John Dominis	Medium	Assessment	Hazard Undetermined	Ongoing	State
347	Oahu	Honolulu	Kakaako Makai District Parking Garage-Unit 1and 3	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
348	Oahu	Honolulu	Kakaako Makai District Units 2 and 4	Medium	Response	Hazard Present	Ongoing	State
349	Oahu	Honolulu	Kakaako Makai District Units 6 and 7	High	Response	Hazard Present	Ongoing	Brownfields
350	Oahu	Honolulu	Kakaako Pump Station	Low	Response	Hazard Present	Ongoing	State
351	Oahu	Honolulu	Kamehameha Schools - 1336 Dillingham Boulevard	Medium	Response	Hazard Present	Ongoing	State
352	Oahu	Honolulu	Kapalama Incinerator Off-Site Contamination	Medium	Response	Hazard Managed With Institutional Controls	Ongoing	State
353	Oahu	Honolulu	Keeaumoku Superblock Project	Low	Assessment	No Hazard	Inactive	State
354	Oahu	Honolulu	Koko Head District Park	Low	Assessment	Hazard Managed With Institutional Controls	Inactive	Site Discovery
355	Oahu	Honolulu	Kokua Kalihi Valley Active Living Center	Low	Response	Hazard Undetermined	Inactive	Brownfields
356	Oahu	Honolulu	Kuakini Medical Center	Low	Response	Hazard Undetermined	Ongoing	State
357	Oahu	Honolulu	Kuhio Park Terrace Units D1 and D2	High	Response	No Hazard	Ongoing	State
358	Oahu	Honolulu	Lance Goya's Chevron Service (Tom Tomita's Chevron)	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
359	Oahu	Honolulu	Lockheed Air Terminal, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
360	Oahu	Honolulu	Longs Drug Stores Warehouse	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
361	Oahu	Honolulu	McCabe, Hamilton, & Renny Company, Ltd	Low	Response	Hazard Undetermined	Inactive	State
362	Oahu	Honolulu	McDonald's Restaurant Soil & Groundwater Contamination	Low	Assessment	Hazard Present	Ongoing	State

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363	Oahu	Honolulu	Miyazaki Honolulu Airport Service Station (Airways Service Station Inc)	Low	Assessment	Hazard Undetermined	Inactive	State
364	Oahu	Honolulu	Moanalua Medical Center and Clinic	Medium	Response	Hazard Present	Ongoing	State
365	Oahu	Honolulu	Navy MFH Camp Stover	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
366	Oahu	Honolulu	Navy MFH Catlin Park	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
367	Oahu	Honolulu	Navy MFH Doris Miller Park	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
368	Oahu	Honolulu	Navy MFH Hale Alii	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
369	Oahu	Honolulu	Navy MFH Hale Moku	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
370	Oahu	Honolulu	Navy MFH Halsey Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
371	Oahu	Honolulu	Navy MFH Hokulani	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
372	Oahu	Honolulu	Navy MFH Hospital Point	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
373	Oahu	Honolulu	Navy MFH Little Makalapa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
374	Oahu	Honolulu	Navy MFH Makalapa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
375	Oahu	Honolulu	Navy MFH Maloelap	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
376	Oahu	Honolulu	Navy MFH Marine Barracks	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
377	Oahu	Honolulu	Navy MFH Moanalua Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
378	Oahu	Honolulu	Navy MFH Radford Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
379	Oahu	Honolulu	Navy MFH Red Hill Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
380	Oahu	Honolulu	Nimitz Highway Water Improvement Project Sumner to Queen	Low	Response	Hazard Present	Ongoing	State
381	Oahu	Honolulu	Nuuanu Auto Company LTD	Low	Assessment	Hazard Undetermined	Ongoing	State
382	Oahu	Honolulu	Pacifica Condominiums	NFA	Response	No Hazard	NFA	State

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383	Oahu	Honolulu	Palolo Elementary School	Medium	Response	Hazard Undetermined	Inactive	State
384	Oahu	Honolulu	Parking Lot C and J Transformer Replacement	Low	Response	Hazard Undetermined	Ongoing	State
385	Oahu	Honolulu	PHT, Inc. dba Polynesian Hospitality	Low	Response	Hazard Undetermined	Inactive	State
386	Oahu	Honolulu	Pukoloa Wood Treating Site	Medium	Response	Hazard Present	Ongoing	State
387	Oahu	Honolulu	Richard's Chevron	NFA	Response	Hazard Managed With Institutional Controls	NFA	State
388	Oahu	Honolulu	Rubber Stamp Plantation	NFA	Response	No Hazard	NFA	PA/SI
389	Oahu	Honolulu	Safeway 1234 South Beretania Street	NFA	Response	Hazard Managed With Institutional Controls	NFA	State
390	Oahu	Honolulu	Sause Brothers	Low	Response	Hazard Present	Ongoing	State
391	Oahu	Honolulu	Senior Residences at Iwilei	NFA	Response	Hazard Managed With Institutional Controls	NFA	State
392	Oahu	Honolulu	Servco Pacific, Inc- Kalihi	Low	Assessment	Hazard Undetermined	Inactive	State
393	Oahu	Honolulu	Shell Service Station (Sierra Shell Service)	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
394	Oahu	Honolulu	Shidler College of Business Site Improvements	Low	Assessment	Hazard Undetermined	Inactive	State
395	Oahu	Honolulu	Tesoro Hawaii Corporation, Terminal Department-Sand Island	Medium	Response	Hazard Present	Ongoing	State
396	Oahu	Honolulu	The Honolulu Advertiser (Hawaii Newspaper Agency)	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
397	Oahu	Honolulu	Theo Davies Caterpillar Repair Site	Low	Response	Hazard Managed With Engineering Controls	Inactive	State
398	Oahu	Honolulu	Tosco Honolulu Bulk Distribution Terminal	High	Response	Hazard Present	Ongoing	VRP
399	Oahu	Honolulu	Towco - Sand Island	Low	Assessment	Hazard Undetermined	Inactive	State
400	Oahu	Honolulu	USPS Vehicle Maintenance Facility	Low	Response	Hazard Present	Ongoing	State
401	Oahu	Honolulu	Waikiki Sand Villa II	Low	Assessment	Hazard Undetermined	Inactive	State
402	Oahu	Honolulu	Wallys Garden Center	Medium	Assessment	Hazard Present	Inactive	State
403	Oahu	Honolulu	Weyerhaeuser	Low	Response	Hazard Present	Inactive	State
404	Oahu	Honolulu	Yee Hop Building Maunakea Street	Low	Response	Hazard Present	Ongoing	State
405	Oahu	Honolulu	Yee Hop Property	Low	Assessment	Hazard Undetermined	Ongoing	State
406	Oahu	Honolulu	Young Brothers, Ltd Piers 24-28	Medium	Response	Hazard Present	Ongoing	State

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407	Oahu	Honolulu	Young Brothers, Ltd. Piers 39, 40	Low	Assessment	Hazard Undetermined	Inactive	State
408	Oahu	Honolulu	Zippy's 634 N Nimitz Highway	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
409	Oahu	Kahaluu	HECO Transformer 56646	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
410	Oahu	Kailua	C&C Facility Maintenance Kapaa Quarry Rd. Baseyard	Medium	Response	Hazard Present	Ongoing	State
411	Oahu	Kailua	Hamakua Hillside Preservation Land	NFA	Assessment	No Hazard	NFA	State
412	Oahu	Kailua	Hawaii Youth Correctional Facility	Low	Assessment	Hazard Present	Ongoing	State
413	Oahu	Kailua	Honolulu Skeet Club	Medium	Response	Hazard Managed With Institutional Controls	Ongoing	State
414	Oahu	Kailua	Ironwoods at Kailua	Low	Response	Hazard Present	Ongoing	Fast Track
415	Oahu	Kailua	Kapaa Landfill - Kapaa Quarry Road	Medium	Response	Hazard Undetermined	Inactive	State
416	Oahu	Kailua	Malunui Avenue Oil Contamination	Low	Assessment	Hazard Undetermined	Inactive	State
417	Oahu	Kaneohe	Caesar's Cleaners	Medium	Response	Hazard Managed With Engineering Controls	Inactive	State
418	Oahu	Kaneohe	Heeia Agricultural Company Mill	NFA	Assessment	No Hazard	NFA	Site Discovery
419	Oahu	Kaneohe MCBH	Marines MFH MCBH Hawaii Loa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
420	Oahu	Kaneohe MCBH	Marines MFH MCBH Heleloa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
421	Oahu	Kaneohe MCBH	Marines MFH MCBH Kaluapuni	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
422	Oahu	Kaneohe MCBH	Marines MFH MCBH Kaneohe ADMIN FILE	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
423	Oahu	Kaneohe MCBH	Marines MFH MCBH Kapoho Hillside	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
424	Oahu	Kaneohe MCBH	Marines MFH MCBH Mololani	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
425	Oahu	Kaneohe MCBH	Marines MFH MCBH Nani Ulupau	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
426	Oahu	Kaneohe MCBH	Marines MFH MCBH Pa Honua III	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
427	Oahu	Kaneohe MCBH	Marines MFH MCBH Ulupau	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

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428	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu Manning	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
429	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu NCO Row	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
430	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu Rainbow	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
431	Oahu	Kapolei	Barge Harbor Soil Contamination	Medium	Assessment	Hazard Undetermined	Inactive	State
432	Oahu	Kapolei	Chevron USA Products Co., Hawaii Refinery Tank Sludge	Medium	Assessment	Hazard Undetermined	Inactive	State
433	Oahu	Kapolei	Chevron USA Products Co., Hawaii Refinery, Marine Line Release	Low	Response	Hazard Present	Inactive	State
434	Oahu	Kapolei	Con-Fab Hawaii Corporation	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
435	Oahu	Kapolei	CoVan Warehouse	Low	Response	Hazard Present	Inactive	State
436	Oahu	Kapolei	East Kapolei Hoopili	NFA	Assessment	No Hazard	NFA	State
437	Oahu	Kapolei	Ewa Feedlot Property	Medium	Response	Hazard Present	Ongoing	Brownfields
438	Oahu	Kapolei	Hanua Street Fugitive Oil	Low	Assessment	Hazard Undetermined	Inactive	State
439	Oahu	Kapolei	HECO - Campbell Industrial Park Substation	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
440	Oahu	Kapolei	HECO Generating Station: Kahe Power Plant	NFA	Response	No Hazard	NFA	State
441	Oahu	Kapolei	HECO Pad-mount Transformer 45530	Low	Assessment	Hazard Undetermined	Ongoing	State
442	Oahu	Kapolei	Honolulu Wood Treating Company, Ltd	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	VRP
443	Oahu	Kapolei	Kalaeloa Cogeneration Plant	Low	Assessment	Hazard Undetermined	Inactive	State
444	Oahu	Kapolei	Tileco, Inc	Medium	Response	Hazard Undetermined	Ongoing	State
445	Oahu	Kapolei	UH West Oahu Campus	NFA	Assessment	No Hazard	NFA	State
446	Oahu	Kualoa	Kualoa Plantation Mill	NFA	Assessment	No Hazard	NFA	Site Discovery
447	Oahu	Kunia	Central Oahu Wells	Low	Assessment	Hazard Undetermined	Ongoing	State
448	Oahu	Kunia	Del Monte Kunia Former Maintenance Shop	Low	Response	Hazard Present	Ongoing	State
449	Oahu	Kunia	Ewa Sugar Mill/Oahu Sugar Co. - Kunia Staging Area	Medium	Response	Hazard Present	Ongoing	State
450	Oahu	Kunia	Kunia Wells I	Low	Assessment	Hazard Undetermined	Ongoing	State

HSRP LISTS OF PRIORITY SITES

<u>Hawaii State Response Program List of Priority Sites FY 2012</u>								
	<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>
451	Oahu	Kunia	Kunia Wells II	Low	Assessment	Hazard Undetermined	Ongoing	State
452	Oahu	Laie	Laie Plantation Mill	Low	Assessment	No Hazard	Ongoing	Site Discovery
453	Oahu	Mali	84-Acre Portion of the Former Voice of America Site	Low	Assessment	Hazard Undetermined	Ongoing	State
454	Oahu	Makakilo	Grace Pacific Corporation - Makakilo Quarry	Low	Assessment	Hazard Undetermined	Ongoing	VRP
455	Oahu	Mililani	Mililani Wells I	Low	Assessment	Hazard Undetermined	Ongoing	State
456	Oahu	Mililani Mauka	Mililani Mauka Commercial C Property	NFA	Assessment	No Hazard	NFA	State
457	Oahu	Nanakuli	Kaiser Cement Corp Waianae Point	NFA	Response	Hazard Managed With Institutional Controls	NFA	State
458	Oahu	Pearl City	96-1217 Waihona Street	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
459	Oahu	Pearl City	Hawaii Army National Guard Waiawa Gulch	Low	Response	Hazard Present	Ongoing	State
460	Oahu	Pearl City	HECO Generating Station: Waiawa	Medium	Response	Hazard Undetermined	Inactive	State
461	Oahu	Pearl City	HECO Waiawa Generating Station Tank 4	Low	Response	Hazard Present	Ongoing	State
462	Oahu	Pearl City	Marines MFH Manana	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
463	Oahu	Pearl City	Navy MFH Manana	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
464	Oahu	Pearl City	Navy MFH Pearl City Peninsula	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
465	Oahu	Pearl City	Pearl City Urban Garden Center	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
466	Oahu	Pearl City	Waiawa Shaft	Low	Assessment	Hazard Undetermined	Ongoing	State
467	Oahu	Pearl City	Waimano Home Campus	Low	Assessment	Hazard Managed With Engineering Controls	Inactive	Brownfields Site
468	Oahu	Pearl Harbor	Ewa Junction Fuel Drumming Facility	High	Assessment	Hazard Managed With Institutional Controls	Ongoing	State
469	Oahu	Schofield Barracks	Army MFH SB Akolea	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
470	Oahu	Schofield Barracks	Army MFH SB Aloala	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
471	Oahu	Schofield Barracks	Army MFH SB Canby	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

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<u>Hawaii State Response Program List of Priority Sites FY 2012</u>								
	<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>
472	Oahu	Schofield Barracks	Army MFH SB Generals Loop	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
473	Oahu	Schofield Barracks	Army MFH SB Hamilton	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
474	Oahu	Schofield Barracks	Army MFH SB Kaena	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
475	Oahu	Schofield Barracks	Army MFH SB Leader Field	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
476	Oahu	Schofield Barracks	Army MFH SB Mendonca Park	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
477	Oahu	Schofield Barracks	Army MFH SB Moyer	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
478	Oahu	Schofield Barracks	Army MFH SB Patriot	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
479	Oahu	Schofield Barracks	Army MFH SB Porter	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
480	Oahu	Schofield Barracks	Army MFH SB Ralston	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
481	Oahu	Schofield Barracks	Army MFH SB Santa Fe	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
482	Oahu	Schofield Barracks	Army MFH SB Solomon	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
483	Oahu	Tripler AMC	Army MFH TAMC Rainbow Village	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
484	Oahu	Wahiawa	410 Olive Avenue	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	State
485	Oahu	Wahiawa	95 South Kamehameha Highway	Medium	Assessment	Hazard Undetermined	Ongoing	State
486	Oahu	Wahiawa	Galbraith Estate Property	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
487	Oahu	Wahiawa	Navy MFH NCTAMS PAC Wahiawa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
488	Oahu	Waialua	Mount Kaala Natural Area Reserve	NFA	Response	No Hazard	NFA	State
489	Oahu	Waialua	Waialua Sugar Mill Settling Ponds	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	VRP
490	Oahu	Waialua	Waialua Sugar Mill VRP Site	High	Response	Hazard Present	Ongoing	VRP
491	Oahu	Waianae	HECO Substation: Mikilua Substation	Medium	Response	Hazard Undetermined	Inactive	State
492	Oahu	Waianae	Industrial Technology Tire Pile	Medium	Assessment	Hazard Undetermined	Ongoing	State

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<u>Hawaii State Response Program List of Priority Sites FY 2012</u>								
	<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>
493	Oahu	Waimanalo	Air Force MFH Bellows Renovation	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
494	Oahu	Waimanalo	HECO Transformer 27728 (Vault 3032)	Medium	Response	Hazard Undetermined	Inactive	State
495	Oahu	Waimanalo	University of Hawaii, Waimanalo Experimental Farm	Low	Assessment	Hazard Undetermined	Inactive	State
496	Oahu	Waimanalo	Waimanalo Areawide Groundwater Contamination	Low	Assessment	Hazard Present	Inactive	PA/SI
497	Oahu	Waimanalo	Waimanalo Sugar Company	Low	Assessment	No Hazard	Ongoing	Site Discovery
498	Oahu	Waipahu	Navy MFH Ford Island	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
499	Oahu	Waipahu	Waipio Heights Wells II	Low	Assessment	Hazard Undetermined	Ongoing	State
500	Oahu	Waipio	Ewa Sugar Mill/Oahu Sugar Co. - Waipio Peninsula	High	Assessment	Hazard Managed With Engineering Controls	Ongoing	State
501	Oahu	Wheeler AAF	Army MFH WAAF Kunia	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
502	Oahu	Wheeler AAF	Army MFH WAAF Puali North	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
503	Oahu	Wheeler AAF	Army MFH WAAF Puali South	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
504	Oahu	Wheeler AAF	Army MFH WAAF Wiliwili	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
	<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, Army Garrison Hawaii	Humuula Sheep Station West	Medium	Assessment	Hazard Undetermined	Ongoing	DSMOA
2	Hawaii	Army, Corps of Engineers	FUDS Army Impact Range	High	Assessment	Hazard Present	Ongoing	FUDS
3	Hawaii	Army, Corps of Engineers	FUDS Firing Range and Camp, Lalamilo, Hawaii	High	Response	Hazard Present	Ongoing	FUDS
4	Hawaii	Army, Corps of Engineers	FUDS Ka'u Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
5	Hawaii	Army, Corps of Engineers	FUDS Keaau Bombing Target	Medium	Assessment	Hazard Present	Ongoing	FUDS
6	Hawaii	Army, Corps of Engineers	FUDS Mahukona Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
7	Hawaii	Army, Corps of Engineers	FUDS Makanalaua Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
8	Hawaii	Army, Corps of Engineers	FUDS Nansay Hawaii	Low	Assessment	Hazard Present	Ongoing	FUDS
9	Hawaii	Army, Corps of Engineers	FUDS Pakini Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
10	Hawaii	Army, Corps of Engineers	FUDS Wahine Maka Nui Target	Medium	Assessment	Hazard Present	Ongoing	FUDS
11	Hawaii	Army, Corps of Engineers	FUDS Waikoloa Maneuver Area	Low	Response	Hazard Present	Ongoing	FUDS
12	Hawaii	Army, Kilauea Military Camp	Kilauea Military Camp	Low	Assessment	Hazard Undetermined	Inactive	IRP
13	Hawaii	Army, Kilauea Military Camp	Kilauea Military Camp, POL Area, Former Lab, & Former Landfill	Low	Assessment	Hazard Undetermined	Ongoing	IRP
14	Hawaii	Army, Kilauea Military Camp	Kilauea Military Reservation Kau Desert Impact Training Area	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
15	Hawaii	Army, Kilauea Military Camp	Kilauea Military Reservation MMRP	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
16	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area MMRP	NFA	Assessment	No Hazard	NFA	MMRP
17	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area, Pu'u Pa'a	High	Assessment	Hazard Undetermined	Ongoing	MMRP
18	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area, Vehicle Refueling Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
19	Johnston Atoll	Army, Johnston Atoll	Johnston Atoll, Pacific Ocean	Low	Assessment	Hazard Undetermined	Ongoing	Army
20	Kahoolawe	Navy, Marine Corps	Kahoolawe Island	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
21	Kauai	Air Force, Kokee Air Force Station	Kokee AFS EA01	Low	Assessment	Hazard Undetermined	Ongoing	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
	<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>
22	Kauai	Air Force, Kokee Air Force Station	Kokee AFS SS01	Low	Assessment	Hazard Undetermined	Ongoing	IRP
23	Kauai	Air Force, Kokee Air Force Station	Kokee AFS SS02	Low	Assessment	Hazard Undetermined	Ongoing	IRP
24	Kauai	Army, Corps of Engineers	FUDS Ahukini	Medium	Assessment	Hazard Present	Ongoing	FUDS
25	Kauai	Army, Corps of Engineers	FUDS Grove Farm Artillery Range, Kauai	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	FUDS
26	Kauai	Army, Corps of Engineers	FUDS Waimea Training Site	Medium	Assessment	Hazard Present	Ongoing	FUDS
27	Kauai	Navy	Pacific Missile Range Facility	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
28	Kauai	Navy, Pacific Missile Range Facility	PMRF, Battery Acid Disposal Pit	Low	Assessment	Hazard Undetermined	Ongoing	IRP
29	Kauai	Navy, Pacific Missile Range Facility	PMRF, Crash Crew Firefighting Pit 1	Low	Assessment	Hazard Undetermined	Inactive	IRP
30	Kauai	Navy, Pacific Missile Range Facility	PMRF, Firefighting Pit No. 2	Low	Assessment	Hazard Undetermined	Inactive	IRP
31	Kauai	Navy, Pacific Missile Range Facility	PMRF, Former Oil and Fuel Pipeline and Former Regulus Defueling Pit	NFA	Assessment	No Hazard	NFA	IRP
32	Kauai	Navy, Pacific Missile Range Facility	PMRF, Landfills 5, 6, & 7	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
33	Kauai	Navy, Pacific Missile Range Facility	PMRF, Torpedo Postrun Facility Drain	Low	Assessment	Hazard Undetermined	Inactive	IRP
34	Kauai	Navy, Pacific Missile Range Facility	PMRF, Transformer Substation System	Low	Assessment	Hazard Undetermined	Ongoing	IRP
35	Lanai	Army, Corps of Engineers	FUDS Lanai Bombing Targets	Medium	Assessment	Hazard Present	Ongoing	FUDS
36	Lanai	Army, Corps of Engineers	FUDS Lanai Radar Station	Low	Response	Hazard Present	Ongoing	FUDS
37	Maui	Army, Corps of Engineers	FUDS Gunnery Site, Makawao	Medium	Response	Hazard Present	Ongoing	FUDS
38	Maui	Army, Corps of Engineers	FUDS Kane Puu Naval Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
39	Maui	Army, Corps of Engineers	FUDS Maui Bombing Targets	Medium	Assessment	Hazard Present	Ongoing	FUDS
40	Maui	Army, Corps of Engineers	FUDS Opana Point	Medium	Assessment	Hazard Present	Ongoing	FUDS
41	Molokai	Army, Corps of Engineers	FUDS Molokai Bombing Targets - Punakua	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
42	Molokai	Army, Corps of Engineers	FUDS Unexploded Ordnance Removal, Molokini Island	Medium	Response	Hazard Present	Ongoing	FUDS
43	Molokai	Army, Corps of Engineers	Puu Kapele	Low	Assessment	Hazard Undetermined	Inactive	FUDS
44	Oahu	Air Force, Bellows Air Force Station	Bellows AFB SS05	Low	Assessment	Hazard Undetermined	Ongoing	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
45	Oahu	Air Force, Bellows Air Force Station	Bellows AFS 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
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 LF01 & DA101, Landfills	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
56	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA39, Former Large Bomb Range	Low	Assessment	Hazard Present	Ongoing	MMRP
57	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA40, Former Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP
58	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA43, Urban Warfare Training Facility	Low	Assessment	Hazard Present	Ongoing	MMRP
59	Oahu	Air Force, Bellows Air Force Station	Bellows AFS OU1	Low	Assessment	Hazard Undetermined	Ongoing	IRP
60	Oahu	Air Force, Bellows Air Force Station	Bellows AFS OU7	Low	Assessment	Hazard Undetermined	Ongoing	IRP
61	Oahu	Air Force, Bellows Air Force Station	Bellows AFS SD04	Low	Assessment	Hazard Undetermined	Ongoing	IRP
62	Oahu	Air Force, Bellows Air Force Station	Bellows AFS SD22	Low	Assessment	Hazard Undetermined	Ongoing	IRP
63	Oahu	Air Force, Bellows Air Force Station	Bellows AFS SS21	Low	Assessment	Hazard Undetermined	Ongoing	IRP
64	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST03	Low	Assessment	Hazard Undetermined	Ongoing	IRP
65	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST09	Low	Assessment	Hazard Undetermined	Ongoing	IRP
66	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST11	Low	Assessment	Hazard Undetermined	Ongoing	IRP
67	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST12	Low	Assessment	Hazard Undetermined	Ongoing	IRP
68	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST13	Low	Assessment	Hazard Undetermined	Ongoing	IRP
69	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST14	Low	Assessment	Hazard Undetermined	Ongoing	IRP
70	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST15	Low	Assessment	Hazard Undetermined	Ongoing	IRP
71	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST16	Low	Assessment	Hazard Undetermined	Ongoing	IRP

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72	Oahu	Air Force, Bellows Air Force Station	Bellows Air Force Station	Low	Assessment	Hazard Undetermined	Ongoing	IRP
73	Oahu	Air Force, Fort Kamehameha	Fort Kamehameha DSPL Site	Low	Assessment	Hazard Undetermined	Inactive	IRP
74	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC EA22, Wash Racks/Bldg 2025 and Near Bldg 1055	Low	Assessment	Hazard Undetermined	Inactive	IRP
75	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC KNMD-EA01 Potential Landfill	Low	Assessment	Hazard Undetermined	Inactive	IRP
76	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC KNMD-EA11 Old HIANG Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
77	Oahu	Air Force, Hickam Air Force Base	Hickam AFB Building 1204	Low	Assessment	Hazard Undetermined	Inactive	IRP
78	Oahu	Air Force, Hickam Air Force Base	Hickam AFB CD125, West Debris Mound	NFA	Response	Hazard Managed With Institutional Controls	NFA	IRP
79	Oahu	Air Force, Hickam Air Force Base	Hickam AFB CF23, Former Mess Hall	Medium	Assessment	Hazard Present	Ongoing	IRP
80	Oahu	Air Force, Hickam Air Force Base	Hickam AFB CG110, Aircraft Maintenance/Carburetor Cleaning Area	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
81	Oahu	Air Force, Hickam Air Force Base	Hickam AFB LF01, Landfill 1	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
82	Oahu	Air Force, Hickam Air Force Base	Hickam AFB LF05, Former Tri-Services Landfill	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
83	Oahu	Air Force, Hickam Air Force Base	Hickam AFB LF14, Inactive Landfill Area No.2	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
84	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA1X, Former Skeet Ranges	Low	Assessment	Hazard Present	Ongoing	MMRP
85	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA1X, MRS TS001 Hickam Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP
86	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA2X, Small Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP
87	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA3X, Former Moving Base Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP
88	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA53, Former Fort Kamehameha Small Arms Range	Low	Assessment	Hazard Present	Ongoing	MMRP
89	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA54, Former EOD Proficiency Range	Low	Assessment	Hazard Present	Ongoing	MMRP
90	Oahu	Air Force, Hickam Air Force Base	Hickam AFB SS01, Fuel Leak	NFA	Response	Hazard Managed With	NFA	IRP

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		Areas 13 & 14			Engineering Controls			
91	Oahu	Air Force, Hickam Air Force Base	Hickam AFB SS06, Fuel Leak Area 9 (Area B)	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
92	Oahu	Air Force, Hickam Air Force Base	Hickam AFB SS11, Fuel Leak Area 16 (Area L)	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
93	Oahu	Air Force, Hickam Air Force Base	Hickam AFB SS15, Fuel Leak Area 15, Par 3 Golf Course	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
94	Oahu	Air Force, Hickam Air Force Base	Hickam AFB SS156, POL Valve Pits A, B, D, E, I & J	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
95	Oahu	Air Force, Hickam Air Force Base	Hickam AFB SS24, Reef Taxiway	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
96	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST20, EOD Area USTs	Low	Assessment	Hazard Present	Ongoing	IRP
97	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST27, John Rodgers Tank Farm	NFA	Assessment	No Hazard	NFA	IRP
98	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST28, Hickam Runway USTs & Cesspools	Low	Assessment	Hazard Present	Ongoing	IRP
99	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST28, UST AVPA-A & AVPA-B	NFA	Response	No Hazard	NFA	IRP
100	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST29, Bishop Point USTs	NFA	Assessment	No Hazard	NFA	IRP
101	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST29, UST 2002A & 2002B Motor Pool	NFA	Response	No Hazard	NFA	IRP
102	Oahu	Air Force, Hickam Air Force Base	Industrial Area NW Hickam AFB ST29, UST Bldg 1093	NFA	Response	No Hazard	NFA	IRP
103	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST29, UST F752 Bldg 3590 N	NFA	Response	No Hazard	NFA	IRP
104	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Signer Residential USTs	Low	Assessment	Hazard Undetermined	Ongoing	IRP
105	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Hangar Avenue USTs & Abandoned Pipeline	Low	Assessment	Hazard Undetermined	Ongoing	IRP
106	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, UST 2050B	NFA	Response	No Hazard	NFA	IRP
107	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Vickers Avenue USTs	Low	Assessment	Hazard Present	Ongoing	IRP
108	Oahu	Air Force, Hickam Air Force Base	HICKAM AFB ST34, Clean Water Rinse Facility	Medium	Assessment	Hazard Present	Ongoing	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
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109	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST34, POL Area 11 Tank Farm	NFA	Response	No Hazard	NFA	IRP
110	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST35, Kuntz Avenue USTs	Low	Assessment	Hazard Present	Ongoing	IRP
111	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST35, UST 75036A & 75036B	NFA	Response	No Hazard	NFA	IRP
112	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST38, Fort Kamehameha USTs	Low	Assessment	Hazard Undetermined	Ongoing	IRP
113	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, AMC Stripper Pit 43	Medium	Remedy Selection Complete	Hazard Managed With Institutional Controls	NFA	IRP
114	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1760 USTs	Low	Assessment	Hazard Present	Ongoing	Compliance
115	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1805 USTs	Low	Assessment	Hazard Undetermined	Ongoing	IRP
116	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1815 UST	Low	Response	Hazard Managed With Institutional Controls	Ongoing	IRP
117	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 906 UST	NFA	Response	Hazard Managed With Institutional Controls	NFA	IRP
118	Oahu	Air Force, Hickam Air Force Base	Hickam Former Building 2156 AST	Medium	Assessment	Hazard Present	Ongoing	IRP
119	Oahu	Air Force, Hickam Air Force Base	Waiawa Stream Tributary, Pearl City	Low	Assessment	Hazard Undetermined	Inactive	IRP
120	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST01, Kipapa Fuel Storage Annex	High	Assessment	Hazard Present	Ongoing	IRP
121	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST01C, KFSA UST, OWS, & Cesspool	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
122	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST02, Spill Site ST02 & Valve Pit 26	Low	Assessment	Hazard Undetermined	Ongoing	IRP
123	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST03, Spill Site ST03 & Valve Pits 14, 15, 15A, & 16	Medium	Assessment	Hazard Present	Ongoing	IRP
124	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST05, Spill Site ST05 and Valve Pits 1 thru 13	Low	Assessment	Hazard Undetermined	Ongoing	IRP
125	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST13, Spill Site ST13	NFA	Assessment	No Hazard	NFA	IRP
126	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST14, Spill Site ST14 & Valve Pit 30	Medium	Assessment	Hazard Present	Ongoing	IRP

HSRP LISTS OF PRIORITY SITES

Hawaii State Response Program DSMOA Program List of Sites FY 2012								
	<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>
127	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST21, Spill Site ST21 & Valve Pit 29	NFA	Assessment	No Hazard	NFA	IRP
128	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST27, Spill Site 27 (Formerly EA03)	NFA	Assessment	No Hazard	NFA	Compliance
129	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST28, Spill Site 28 (Formerly EA05)	Low	Assessment	Hazard Undetermined	Ongoing	IRP
130	Oahu	Air Force, Kaala Air Force Station	Kaala AFS WP03	Low	Assessment	Hazard Undetermined	Ongoing	IRP
131	Oahu	Air Force, Kaena Point Satellite Tracking Station	Kaena Point Satellite Tracking Station	NFA	Response	Hazard Managed With Engineering Controls	NFA	Compliance
132	Oahu	Air Force, Kaena Point Satellite Tracking Station	Kaena Point STS EA01	Low	Assessment	Hazard Undetermined	Ongoing	IRP
133	Oahu	Air Force, Kaena Point Satellite Tracking Station	Kaena Point STS EA05	Low	Assessment	Hazard Undetermined	Ongoing	IRP
134	Oahu	Air Force, Palehua Solar Observatory	Palehua Solar Observatory	Low	Assessment	Hazard Undetermined	Inactive	IRP
135	Oahu	Air Force, Punamano Air Force Station	Punamano Air Force Station	Low	Assessment	Hazard Undetermined	Inactive	IRP
136	Oahu	Army	Ordnance Reef Site HI-06	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
137	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation	Low	Assessment	Hazard Undetermined	Inactive	IRP
138	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation 1850 Aliamanu Drive	Low	Assessment	Hazard Undetermined	Ongoing	Army
139	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation, Bunker & Residential Areas	Low	Assessment	Hazard Undetermined	Inactive	IRP
140	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation, Seal Tunnel Portals	Low	Assessment	Hazard Undetermined	Inactive	IRP
141	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Fort Barrette, Safety Hazard Removal	Low	Assessment	Hazard Undetermined	Inactive	IRP
142	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Waikakalaua Ammo Storage Tunnels	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
143	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Waikakalaua Ammunitions Storage Tunnel MMRP	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
144	Oahu	Army, Corps of Engineers	FUDS Aiea Military Reservation	High	Response	Hazard Present	Ongoing	FUDS

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<u>Hawaii State Response Program DSMOA Program List of Sites FY 2012</u>								
	<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>
145	Oahu	Army, Corps of Engineers	FUDS Aiea Military Reservation Storage Tanks	NFA	Response	No Hazard	NFA	FUDS
146	Oahu	Army, Corps of Engineers	FUDS Center Combat Range	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
147	Oahu	Army, Corps of Engineers	FUDS Dillingham Air Force Base	Low	Assessment	Hazard Present	Ongoing	FUDS
148	Oahu	Army, Corps of Engineers	FUDS Haiku Radio Station	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
149	Oahu	Army, Corps of Engineers	FUDS Haleiwa Landing Field	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
150	Oahu	Army, Corps of Engineers	FUDS Heeia Combat Training Camp	High	Response	Hazard Present	Ongoing	FUDS
151	Oahu	Army, Corps of Engineers	FUDS Hickam Airfield	NFA	Assessment	No Hazard	NFA	FUDS
152	Oahu	Army, Corps of Engineers	FUDS Kahuku Training Area	Medium	Assessment	Hazard Present	Ongoing	FUDS
153	Oahu	Army, Corps of Engineers	FUDS Makapuu Light House	Medium	Assessment	Hazard Present	Ongoing	FUDS
154	Oahu	Army, Corps of Engineers	FUDS Mokuhooniki Island	Medium	Assessment	Hazard Present	Ongoing	FUDS
155	Oahu	Army, Corps of Engineers	FUDS Oahu Target Island	High	Assessment	Hazard Present	Ongoing	FUDS
156	Oahu	Army, Corps of Engineers	FUDS Offshore Waianae Sewage Outfall	Low	Assessment	Hazard Present	Ongoing	FUDS
157	Oahu	Army, Corps of Engineers	FUDS Pacific Jungle Combat Training Area	High	Assessment	Hazard Present	Ongoing	FUDS
158	Oahu	Army, Corps of Engineers	FUDS Pali Training Camp	High	Assessment	Hazard Present	Ongoing	FUDS
159	Oahu	Army, Corps of Engineers	FUDS Popoki Target Area	High	Response	Hazard Present	Ongoing	FUDS
160	Oahu	Army, Corps of Engineers	FUDS Rabbit Island	High	Assessment	Hazard Present	Ongoing	FUDS
161	Oahu	Army, Corps of Engineers	FUDS Range D-400-L	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
162	Oahu	Army, Corps of Engineers	FUDS Waiawa Training Area	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
163	Oahu	Army, Corps of Engineers	FUDS Waikane Training Area	High	Response	Hazard Present	Ongoing	FUDS
164	Oahu	Army, Corps of Engineers	FUDS Wailua Artillery Impact Area	High	Assessment	Hazard Present	Ongoing	FUDS
165	Oahu	Army, Corps of Engineers	FUDS Waimea Falls Park	Medium	Assessment	Hazard Present	Ongoing	FUDS
166	Oahu	Army, Dillingham Military Reservation	Dillingham Military Reservation, Former Transformer Site	Low	Assessment	Hazard Undetermined	Inactive	IRP
167	Oahu	Army, Fort DeRussy	Fort DeRussy, Former Leaking UST Site (Bldg 107 & 108)	Low	Assessment	Hazard Undetermined	Inactive	IRP

HSRP LISTS OF PRIORITY SITES

Hawaii State Response Program DSMOA Program List of Sites FY 2012								
	<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>
168	Oahu	Army, Fort Shafter	Fort Shafter, Building 1527	Low	Response	No Hazard	Ongoing	IRP
169	Oahu	Army, Fort Shafter	Fort Shafter, Drill Field, Pistol Range, and Rifle Ranges 1 & 2	Low	Response	Hazard Undetermined	Ongoing	MMRP
170	Oahu	Army, Kahuku Training Area	Kahuku Training Area, Former Transformer Site	Low	Assessment	Hazard Undetermined	Inactive	IRP
171	Oahu	Army, Kapalama Military Reservation	Kapalama Military Reservation South Oahu Location	Low	Assessment	Hazard Undetermined	Ongoing	Army
172	Oahu	Army, Kunia Military Reservation	Kunia Field Station	Low	Assessment	Hazard Undetermined	Inactive	IRP
173	Oahu	Army, Kunia Military Reservation	Kunia Field Station, Microwave Tower & Building 25	Low	Assessment	Hazard Undetermined	Ongoing	IRP
174	Oahu	Army, Makua Military Reservation	Makua Military Reservation MMRP	High	Assessment	Hazard Present	Ongoing	MMRP
175	Oahu	Army, Schofield Barracks	Building Quad-J	Low	Assessment	Hazard Undetermined	Ongoing	Army
176	Oahu	Army, Schofield Barracks	Schofield Barracks Buildings 652, 649, 650	Low	Assessment	Hazard Undetermined	Ongoing	Army
177	Oahu	Army, Schofield Barracks	Schofield Barracks NCO Academy Building 6055	Low	Assessment	Hazard Undetermined	Ongoing	Army
178	Oahu	Army, Schofield Barracks	Schofield Barracks Site 26 Car Care	Low	Assessment	Hazard Undetermined	Inactive	IRP
179	Oahu	Army, Schofield Barracks	Schofield Barracks, Garden Gulch	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
180	Oahu	Army, Schofield Barracks	Schofield Barracks, Operable Unit 2 (OU2)	High	Response	Hazard Present	Ongoing	IRP
181	Oahu	Army, Schofield Barracks	Schofield Barracks, Site A-100-L-2	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
182	Oahu	Army, Schofield Barracks	Schofield Barracks, Site A-100-L-2 (TD)	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
183	Oahu	Army, Schofield Barracks	Schofield Barracks, Site ER-7A	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
184	Oahu	Army, Schofield Barracks	Schofield Barracks, Small Bore Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
185	Oahu	Army, Schofield Barracks	Schofield Barracks, Southern Pistol Ranges	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
186	Oahu	Army, Schofield Barracks	Schofield Barracks, UST	Low	Assessment	Hazard Present	Inactive	IRP

HSRP LISTS OF PRIORITY SITES

Hawaii State Response Program DSMOA Program List of Sites FY 2012								
	<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>
			Building 3010A					
187	Oahu	Army, Schofield Barracks	Schofield Barracks, Yonkers Range	Medium	Response	Hazard Present	Ongoing	MMRP
188	Oahu	Army, Tripler Army Medical Center	Tripler Army Medical Center, UST TAMC 137-3	NFA	Response	No Hazard	NFA	IRP
189	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
190	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, 1940s Small Arms Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
191	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Archery Range	Low	Assessment	Hazard Undetermined	Inactive	IRP
192	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Combat Aviation Brigade	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
193	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Firing Range 2a	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
194	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Practice Bomb Range	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
195	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Skeet Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
196	Oahu	ii) Inc.	Del Monte Corp Oahu Plantation	Low	Response	Hazard Managed With Engineering Controls	Ongoing	NPL
197	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Station P	High	Assessment	Hazard Present	Ongoing	IRP
198	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS, Auto Hobby Shop	Low	Assessment	Hazard Undetermined	Inactive	IRP
199	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS, Building 1769 UST BP68 BP69 BP70	NFA	Response	No Hazard	NFA	IRP
200	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS, Building 74 UST BP92	NFA	Response	No Hazard	NFA	IRP
201	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS, Building 786 UST BP95	NFA	Response	No Hazard	NFA	IRP
202	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS, Building 91 UST BP49 BP50 BP51	NFA	Response	No Hazard	NFA	IRP
203	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS, Coral Pit 1	Low	Assessment	Hazard Undetermined	Ongoing	IRP
204	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS, Golf Course Battery	Low	Assessment	Hazard Undetermined	Inactive	IRP
205	Oahu	Navy, Barbers Point Naval Air	Barbers Point NAS, Golf	Medium	Response	No Hazard	Ongoing	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
	<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>
		Station	Course Maintenance Building					
206	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS, UST BP 19-20	Low	Assessment	Hazard Undetermined	Ongoing	Compliance
207	Oahu	Navy, Barbers Point Naval Air Station	BRAC Barbers Point, Coral Pit, Ordnance Pond, Sanitary Landfill	Low	Assessment	Hazard Undetermined	Ongoing	Navy
208	Oahu	Navy, Barbers Point Naval Air Station	BRAC Barbers Point, Dry Well Network	Low	Assessment	Hazard Undetermined	Ongoing	BRAC
209	Oahu	Navy, Barbers Point Naval Air Station	BRAC Barbers Point, Fire Fighting Training Pits	Low	Assessment	Hazard Undetermined	Ongoing	BRAC
210	Oahu	Navy, Barbers Point Naval Air Station	BRAC Barbers Point, Former Fuel Farm	Low	Assessment	Hazard Undetermined	Ongoing	BRAC
211	Oahu	Navy, Barbers Point Naval Air Station	BRAC Barbers Point, MWR Warehouse Area	Low	Response	Hazard Present	Ongoing	BRAC
212	Oahu	Navy, Barbers Point Naval Air Station	BRAC Barbers Point, Navy Public Works Center	Low	Response	Hazard Present	Ongoing	BRAC
213	Oahu	Navy, Barbers Point Naval Air Station	BRAC Barbers Point, Regional Groundwater System	Low	Assessment	Hazard Undetermined	Inactive	BRAC
214	Oahu	Navy, Barbers Point Naval Air Station	BRAC Barbers Point, Runway 11 Clear Zone	Low	Assessment	Hazard Undetermined	Inactive	BRAC
215	Oahu	Navy, Barbers Point Naval Air Station	BRAC Barbers Point, Sanitary Landfill	Low	Assessment	Hazard Present	Inactive	BRAC
216	Oahu	Navy, Barbers Point Naval Air Station	BRAC Barbers Point, Transformer Substations	Low	Response	Hazard Present	Inactive	BRAC
217	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Abandoned Tank	Medium	Assessment	Hazard Undetermined	Inactive	IRP
218	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Abandoned Underground Fuel	Medium	Response	Hazard Present	Ongoing	IRP
219	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Building 4 & Open Storage	Medium	Response	Hazard Managed With Engineering Controls	NFA	IRP
220	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Contaminated Groundwater	Medium	Assessment	Hazard Undetermined	Inactive	IRP
221	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Merry Point Old Diesel Purifier	Medium	Assessment	Hazard Undetermined	Inactive	IRP
222	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Pearl City Fuel Annex	Medium	Assessment	Hazard Present	Ongoing	IRP
223	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, PWC Gas Station Bldg 1326	Medium	Assessment	Hazard Undetermined	Inactive	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
	<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>
224	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Surface Disposal Area	NFA	Assessment	No Hazard	NFA	IRP
225	Oahu	Navy, Joint Base Command	PHNC, Sandblast Grit Disposal	High	Assessment	Hazard Undetermined	Ongoing	DSMOA
226	Oahu	Navy, Marine Corps, Camp Smith	Camp HM Smith UST CS007	Low	Assessment	Hazard Undetermined	Inactive	IRP
227	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe Marine Corps Base Hawaii MMRP	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
228	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 1282 Vehicle Maintenance Shop	Low	Assessment	Hazard Undetermined	Ongoing	IRP
229	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 373 Battery Shop	Low	Assessment	Hazard Undetermined	Ongoing	IRP
230	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 454 Disposal Area	Low	Assessment	Hazard Undetermined	Ongoing	IRP
231	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Facilities Department Salvage Yard	Low	Assessment	Hazard Undetermined	Ongoing	IRP
232	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Fuel Oil Pipeline	Low	Assessment	Hazard Undetermined	Ongoing	IRP
233	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Marine Air Control Squadron-2 (MCBH site 23)	Medium	Assessment	No Hazard	NFA	IRP
234	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Naval Ocean Systems Center	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
235	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Quarry Pit Landfill	Low	Response	Hazard Present	Ongoing	IRP
236	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Range Disposal Area	Low	Assessment	Hazard Undetermined	Ongoing	IRP
237	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Various Transformers	Low	Assessment	Hazard Undetermined	Ongoing	IRP
238	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Building 1091 Oil Transfer Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
239	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Building 3052	Low	Assessment	Hazard Undetermined	Inactive	IRP
240	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Building 368 Oil Spill	Low	Assessment	Hazard Undetermined	Inactive	IRP
241	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Building 375 Oil Spill	Low	Assessment	Hazard Undetermined	Inactive	IRP
242	Oahu	Navy, Marine Corps, Kaneohe	Kaneohe MCBH, Building 536	NFA	Assessment	No Hazard	NFA	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
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		Marine Corps Base Hawaii	Solvent Disposal					
243	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, End of Runway Disposal Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
244	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Fire Bomb Mixing Site	Low	Assessment	Hazard Undetermined	Inactive	IRP
245	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Firefighting Training Area	Low	Assessment	Hazard Undetermined	Ongoing	IRP
246	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Fuel Farm Sludge Disposal Area	Medium	Assessment	Hazard Present	Ongoing	IRP
247	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, H-3 Sanitary Landfill	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
248	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Hand Grenade Range (Combat)	NFA	Assessment	No Hazard	NFA	MMRP
249	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Hand Grenade Range (Practice)	NFA	Assessment	No Hazard	NFA	MMRP
250	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Moving Target Range	Medium	Response	Hazard Undetermined	Ongoing	MMRP
251	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Old Storage Behind Building 131	Low	Assessment	Hazard Undetermined	Inactive	IRP
252	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Ordnance Demolition Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
253	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Pollock Field Oil Spill	Low	Assessment	Hazard Undetermined	Inactive	IRP
254	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Skeet & Trap Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
255	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Small Arms & Malfunction Range	NFA	Assessment	No Hazard	NFA	MMRP
256	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, TSF Molokai Paint Pit	Low	Assessment	Hazard Undetermined	Inactive	IRP
257	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-44	Low	Assessment	Hazard Undetermined	Inactive	IRP
258	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-73	Low	Assessment	Hazard Undetermined	Inactive	IRP
259	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Waikane Valley	High	Assessment	Hazard Present	Ongoing	MMRP
260	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
261	Oahu	Navy, Marine Corps, Kaneohe	MCBH Kaneohe Bay Building	Low	Assessment	Hazard Undetermined	Inactive	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
	<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>
		Marine Corps Base Hawaii	1091					
262	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Firebomb Mixing Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
263	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Landfill	Low	Assessment	Hazard Undetermined	Ongoing	Navy
264	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Skeet Shooting Range	Low	Assessment	Hazard Undetermined	Inactive	IRP
265	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay, Fire Fighting Training Area	Low	Response	Hazard Undetermined	Ongoing	IRP
266	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NAVCAM	Low	Assessment	Hazard Undetermined	Inactive	IRP
267	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NCTAMSPAC Center Street	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	NPL
268	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch Building 49 Transformer	Medium	Response	Hazard Undetermined	Ongoing	DSMOA
269	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, 4th Street Coral Pit Landfill	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	IRP
270	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Burning Pit MRS	Low	Response	Hazard Present	Ongoing	MMRP
271	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Electrical Components Disposal Area MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
272	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Injection Well MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
273	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Otto Fuel Waste Storage Area	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
274	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Vehicle Maintenance Facility	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
275	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	Naval Magazine Lualualei (Lualualei Branch)	Low	Assessment	Hazard Undetermined	Inactive	IRP
276	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Auxiliary Power Building 77	Low	Assessment	Hazard Undetermined	Ongoing	IRP
277	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building 112/112A Tank Repair Facility	Low	Assessment	Hazard Undetermined	Ongoing	IRP
278	Oahu	Navy, Naval Magazine Lualualei	NAVMAG LLL Building 415	Low	Response	Hazard Undetermined	Ongoing	IRP

HSRP LISTS OF PRIORITY SITES

Hawaii State Response Program DSMOA Program List of Sites FY 2012								
Island		Installation	Site Name	Priority	Action	Potential Hazard and Controls	Site Status	Cleanup Program
		(Lualualei Branch)	Automotive Service Station					
279	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building 7	Low	Response	Hazard Undetermined	Ongoing	IRP
280	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	Locomotive Shop					
			NAVMAG LLL Building 78	Low	Response	Hazard Undetermined	Ongoing	IRP
281	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	Automotive Garage					
			NAVMAG LLL Building D122	Low	Assessment	Hazard Undetermined	Ongoing	IRP
282	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	Projectile Overhaul Facility					
			NAVMAG LLL Building S461	Low	Assessment	Hazard Undetermined	Ongoing	IRP
283	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	Battery Washing Shed					
			NAVMAG LLL Buildings 172 & 418 Battery Charging Shops	Low	Assessment	Hazard Undetermined	Ongoing	IRP
284	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Central	Low	Assessment	Hazard Undetermined	Ongoing	IRP
			Operations Area					
285	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Closed Small	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
			Arms Range MRS					
286	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Fill Area MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
287	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Former	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
			Emergency Detonation Area					
288	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Homemade	Low	Assessment	Hazard Present	Ongoing	MMRP
			Incinerator MRS					
289	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL M-28 Rifle	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
			Grenade Range MRS					
290	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Ordnance Burn	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
			Area MRS					
291	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Outlying	Low	Assessment	Hazard Undetermined	Ongoing	IRP
			Operations Area					
292	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Rocket Test	NFA	Assessment	No Hazard	NFA	MMRP
			Facility MRS					
293	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Rocket Test	Low	Response	Hazard Undetermined	Ongoing	MMRP
			Range MRS					
294	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Salvage Yard	Medium	Response	Hazard Present	Ongoing	IRP
295	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)						
			NAVMAG LLL Scrap Metal	Low	Assessment	Hazard Undetermined	Ongoing	IRP
			Landfill					
296	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Small Arms	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
			Range II					
297	Oahu	Navy, Naval Magazine Lualualei	NAVMAG LLL Stormwater	Low	Assessment	Hazard Undetermined	Ongoing	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
<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>	
		(Lualualei Branch)						
298	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Trap and Skeet Range MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
299	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Waipio Peninsula	High	Response	Hazard Present	Ongoing	IRP
300	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele Building 21	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
301	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele Burn Pit/Disposal Area	Low	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
302	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele USTs 50/51	Low	Assessment	Hazard Undetermined	Ongoing	IRP
303	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele, Contaminated Soil, Waipio	Medium	Assessment	Hazard Present	Ongoing	IRP
304	Oahu	Navy, Naval Magazine Lualualei (West Loch Branch)	Waipahu Incinerator/Ash Dump	High	Response	Hazard Present	Ongoing	IRP
305	Oahu	Navy, Naval Magazine Pearl Harbor	Naval Magazine Pearl Harbor MMRP	High	Assessment	Hazard Present	Ongoing	MMRP
306	Oahu	Navy, NAVCAMS EASTPAC Opana	Opana (H1170090053)	Low	Assessment	Hazard Undetermined	Ongoing	Compliance
307	Oahu	Navy, NCTAMS Pacific	NCTAMS PAC NRTF LLL, Antenna 403 Disposal Area	Medium	Assessment	Hazard Present	Ongoing	IRP
308	Oahu	Navy, NCTAMS Pacific	NCTAMS PAC NRTF LLL, Antenna 441 Disposal Area	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
309	Oahu	Navy, NCTAMS Pacific	NCTAMS PAC NRTF LLL, Old Coral Pit	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
310	Oahu	Navy, NCTAMS Pacific	NCTAMS, Abandoned Firing Range	Medium	Assessment	Hazard Present	Ongoing	IRP
311	Oahu	Navy, NCTAMS Pacific	NCTAMS, Antenna 354 Disposal Area	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
312	Oahu	Navy, NCTAMS Pacific	NCTAMS, Building 1 Wells	NFA	Assessment	No Hazard	NFA	IRP
313	Oahu	Navy, NCTAMS Pacific	NCTAMS, Building 4 Sump	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
314	Oahu	Navy, NCTAMS Pacific	NCTAMS, Building 6 Disposal Site	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
315	Oahu	Navy, NCTAMS Pacific	NCTAMS, Building 65 Disposal Area	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
316	Oahu	Navy, NCTAMS Pacific	NCTAMS, East Gulch Disposal Site	Medium	Assessment	Hazard Present	Ongoing	IRP
317	Oahu	Navy, NCTAMS Pacific	NCTAMS, Former Building 63	Medium	Assessment	Hazard Undetermined	Inactive	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
	<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>
			Tank					
318	Oahu	Navy, NCTAMS Pacific	NCTAMS, Service Station Gulch	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
319	Oahu	Navy, NCTAMS Pacific	NCTAMS, Sewage Ponds	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
320	Oahu	Navy, NCTAMS Pacific	NCTAMS, Site 18, Transformers 2, 234, and 420	High	Assessment	Hazard Present	Ongoing	IRP
321	Oahu	Navy, NCTAMS Pacific	NCTAMS, West Gulch Disposal Site	NFA	Assessment	No Hazard	NFA	IRP
322	Oahu	Navy, NCTAMS Pacific	NCTAMSPAC, Five Transformer Sites (Buildings 3, 106, S-17, 81, and S-26)	NFA	Response	Hazard Managed With Institutional Controls	NFA	IRP
323	Oahu	Navy, Pearl Harbor Naval Complex	Building 68 Electric Shop	Medium	Assessment	Hazard Undetermined	Inactive	IRP
324	Oahu	Navy, Pearl Harbor Naval Complex	Former Public Works Center Industrial Waste Treatment Plant	Medium	Assessment	Hazard Present	Ongoing	IRP
325	Oahu	Navy, Pearl Harbor Naval Complex	Hotel Pier Pearl Harbor	Low	Assessment	Hazard Undetermined	Inactive	IRP
326	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Hotel Pier 1 & 4	Low	Assessment	Hazard Undetermined	Ongoing	Navy
327	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Center, Fletragu Firetest Area	Low	Assessment	Hazard Undetermined	Ongoing	IRP
328	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Center, Makalapa Crater	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
329	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Complex	Medium	Response	Hazard Undetermined	Ongoing	NPL
330	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Supply Center	Low	Assessment	Hazard Undetermined	Inactive	IRP
331	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Navy Public Works Center	Low	Assessment	Hazard Undetermined	Inactive	IRP
332	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Navy Shipyard	Low	Response	Hazard Managed With Institutional Controls	Inactive	IRP
333	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Sediment Study	High	Assessment	Hazard Present	Ongoing	IRP
334	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Shore Intermediate Maintenance Activity	Low	Assessment	Hazard Undetermined	Ongoing	Navy
335	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Aiea Laundry Building 436	Medium	Response	Hazard Present	Ongoing	IRP
336	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-60 Sludge Disposal Pit	Medium	Assessment	Hazard Undetermined	Inactive	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
	<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, Pearl Harbor Naval Complex	PHNC, B-660 Plating Shore Disposal	Medium	Assessment	Hazard Undetermined	Inactive	IRP
338	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-660 Spent Acid Disposal	Medium	Assessment	Hazard Undetermined	Inactive	IRP
339	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 284 Engine Test Cell	Medium	Assessment	Hazard Undetermined	Inactive	IRP
340	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 39 Storm Drain Lines	Medium	Assessment	Hazard Undetermined	Inactive	IRP
341	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 43 Storm Drain Lines	Medium	Assessment	Hazard Undetermined	Inactive	IRP
342	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 472, OPS Department Storage	Medium	Assessment	Hazard Undetermined	Inactive	IRP
343	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Church Site Moanalua Housing	Medium	Response	No Hazard	NFA	IRP
344	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, EPMU-6 B-1536 Lab O/W Pit	Medium	Assessment	Hazard Undetermined	Inactive	IRP
345	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Ford Island Landfill	Medium	Response	Hazard Managed With Engineering Controls	NFA	IRP
346	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Former Firefighting Training Area	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
347	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Landing Pipeline	Medium	Response	Hazard Present	Ongoing	IRP
348	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Building 644	Medium	Assessment	Hazard Present	Ongoing	IRP
349	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 11	Low	Assessment	Hazard Present	Ongoing	IRP
350	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 12	Medium	Response	Hazard Undetermined	Ongoing	IRP
351	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 13	Low	Assessment	Hazard Undetermined	Ongoing	IRP
352	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Storm Drain Inlet Release Sites	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
353	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Open Area Near Building 992	Medium	Assessment	Hazard Undetermined	Ongoing	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
	<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>
354	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Quarry Loch Building 709 UST 11,12,13,14	NFA	Response	No Hazard	NFA	IRP
355	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Quarry Loch Oil Seepage	Medium	Assessment	Hazard Undetermined	Inactive	IRP
356	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Substation G, Building S-6	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
357	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Transformer Site K-14	Low	Assessment	Hazard Undetermined	Ongoing	IRP
358	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Transformer Site TD-10	Medium	Assessment	Hazard Present	Ongoing	IRP
359	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Transformer Site W-4/W-5	Medium	Remedy Selection Complete	Hazard Managed With Engineering Controls	NFA	IRP
360	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Underwater Munitions NDSA	High	Assessment	Hazard Undetermined	Ongoing	MMRP
361	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, UST 1 #1-77, #2-77, #3-77	Medium	Assessment	Hazard Undetermined	Inactive	IRP
362	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, UST BP-1	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
363	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, UST EP-1	Medium	Assessment	Hazard Undetermined	Inactive	IRP
364	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Various Housing Sites	Medium	Assessment	No Hazard	NFA	IRP
365	Oahu	Navy, Pearl Harbor Naval Complex	USN Fleet Training Group	Low	Assessment	Hazard Undetermined	Ongoing	Navy
366	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Area North of Building 1754	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
367	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Asbestos Contaminated Site N-W DD3	Medium	Response	Hazard Managed With Engineering Controls	NFA	IRP
368	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Building 8	Medium	Remedy Selection Complete	Hazard Present	NFA	IRP
369	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Former Battery Acid Pit	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
370	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Former Lab & Annex B451 & T25	Medium	Assessment	No Hazard	NFA	IRP
371	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Foundry, Building 6, New 03	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
372	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, NSY Transport Yard, New 02	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
373	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Oscar 1 Pier Shoreline	NFA	Assessment	No Hazard	NFA	IRP

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Hawaii State Response Program DSMOA Program List of Sites FY 2012								
	<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>
374	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Oscar 2 Pier	Medium	Remedy Selection Complete	Hazard Managed With Engineering Controls	NFA	DSMOA
375	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Shipyard GSA, Storm Drain Inlet Release Sites	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
376	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Storm/Sanitary Sewer Drain	Medium	Assessment	Hazard Undetermined	Inactive	IRP
377	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Sump Plating Tanks B67	Medium	Assessment	Hazard Undetermined	Inactive	IRP
378	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, UST 5 & 10	Medium	Assessment	Hazard Undetermined	Inactive	IRP
379	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, UST Locations #11	Medium	Assessment	Hazard Undetermined	Inactive	IRP
380	Oahu	Navy, Public Works Center	PHPWC, Building X24 & Wash Rack X6	Medium	Assessment	Hazard Undetermined	Inactive	IRP
381	Oahu	Navy, Public Works Center	PHPWC, Burn Area Near Pearl City Peninsula	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
382	Oahu	Navy, Public Works Center	PHPWC, Makalapa Landfill Area	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
383	Oahu	Navy, Public Works Center	PHPWC, Makalapa Pesticide Rinsate	High	Remedy Selection Complete	Hazard Present	NFA	IRP
384	Oahu	Navy, Public Works Center	PHPWC, Oil Reclamation/Incineration (Naval Shipyard)	Medium	Assessment	Hazard Undetermined	Inactive	IRP
385	Oahu	Navy, Public Works Center	PHPWC, Paint Shop Storage	Medium	Assessment	No Hazard	NFA	IRP
386	Oahu	Navy, Public Works Center	PHPWC, Various Transformers	Medium	Assessment	Hazard Undetermined	Inactive	IRP
387	Oahu	Navy, Public Works Center	PHPWC, Various Transformers II	Medium	Assessment	Hazard Undetermined	Inactive	IRP
388	Oahu	Navy, Public Works Center	PHPWC, Wastewater Treatment Plant Waste	Medium	Response	Hazard Undetermined	Ongoing	IRP
389	Oahu	Navy, Waipio Peninsula	Navy Waipio Peninsula, Herbicide/Fertilizer Mixing Area	Low	Assessment	Hazard Present	Ongoing	IRP