

**REPORT TO THE TWENTY-FIFTH LEGISLATURE
STATE OF HAWAII
2010**

**PURSUANT TO CHAPTERS 128D AND 128E, HAWAII REVISED STATUTES
REQUIRING THE DEPARTMENT OF HEALTH TO REPORT
ENVIRONMENTAL RESPONSE LAW AND
HAWAI'I EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT FINANCIAL
AND ENVIRONMENTAL SITE INFORMATION
FY 2009**

PREPARED BY:

**DEPARTMENT OF HEALTH
STATE OF HAWAII
DECEMBER 2009**

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EXECUTIVE SUMMARY

REPORT ON THE ENVIRONMENTAL RESPONSE REVOLVING FUND FOR FISCAL YEAR 2009

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

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

The report presents an accounting of FY 2009 128D, HRS Environmental Response Revolving Fund (ERRF) budget and expenditures, with descriptions of key program activities for five Environmental Health Administration (EHA) programs. ERRF 128D, HRS funds are used for the following purposes.

- Removal or remedial actions consistent with Chapter 128D to deal with oil spill and hazardous substances releases.
- Oil spill planning, prevention, preparedness, education, research, training, removal, and remediation.
- Direct support for county used oil-recycling programs.
- 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.

The report also presents an accounting of 128E, HRS Hawai'i Emergency Planning and Community

Right to Know Act (HEPCRA) Tier II filing fees collected and in FY 2008 and distributed for FY 2009.

Environmental Response Revolving Fund Support to Five Environmental Health Administration Programs

Five programs in the Environmental Health Administration (EHA) received ERRF funding during FY 2009. 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).

Environmental Response Revolving Fund Revenue

Revenue to the ERRF totaled \$2,386,815. Table 1 presents the revenue collected for five EHA Programs as of June 30, 2009.

Environmental Response Revolving Fund Expenditure

Budgets were appropriated to the Hazard Evaluation and Emergency Response (HEER) Office (\$3,362,663), the Environmental Management Division (EMD) (\$54,997), the Clean Water Branch (CWB) (\$279,939), the Safe Drinking Water Branch (SDWB) (\$724,933), and the Solid and Hazardous Waste Branch (SHWB) (\$817,858). Total ERRF appropriation for the five programs was \$5,240,390.

The State expended \$4,243,709 of \$5,240,390 appropriated to fund the five HTH 849 and HTH 840 environmental programs. The individual draw-downs from the ERRF were \$2,405,794 to the Hazard Evaluation and Emergency Response (HEER) Office, \$0 to the Environmental Management Division, \$254,885 to the Clean Water Branch, \$862,222 to the Safe Drinking Water Branch, and \$720,808 to the Solid and Hazardous Waste Branch.

Hawai'i State Response Program List of Sites

The List of Sites Eligible for Remedial Action Under the EPA's Comprehensive Environmental Response Compensation and Liability Act (CERCLA) shows there are currently three sites listed on EPA's CERCLA National Priority List (NPL) for cleanup, and 10 sites evaluated by the EPA Preliminary Assessment/Site Inspection (PA/SI) Program for possible listing under CERCLA.

The listing of prioritized sites required under 128D, HRS are presented at the end of this document, in three separate tables. These lists represent all Hawai'i sites identified for potential or known non-emergency response actions managed by the HEER Office Site Discovery, Assessment, and Remediation Section Remedial Project Managers (RPMs)

The Hawai'i State Response Program List of Sites presents all non-military Hawai'i sites identified for potential or known non-emergency response actions under HRS 128D. The list shows 461 sites are managed under state authority within the HEER Office.

The Department of Defense Program List of Priority Sites presents 432 military sites in Hawai'i 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) throughout the

Hawaiian Islands under the Military Munitions Response Program (MMRP). Investigations and cleanups of petroleum contaminated sites are conducted under 128D authorities. Narrative information about the DOD sites is available in the **Key State Cleanup Actions** section, below.

Together, the Hawai'i State Response Program List of Sites shows 893 sites with potential or known hazardous substance or petroleum contamination. In FY 2009, 87 sites were determined to require No Further Action (NFA). Twenty-six of the sites receiving NFA determinations during FY 2009 will be monitored for land use restrictions. HEER Office Remedial Project Managers (RPMs) continue active oversight on 806 assessment and response actions.

The Department of Health Hawai'i State Response Program Release Notification Log contains a listing of all emergency hazardous substance and petroleum release notifications received by DOH HEER Office during the fiscal year.

The Hazardous Evaluation and Emergency Response (HEER) Office received a total of 315 notifications including 89 oil sheen notifications for the historic Chevron's Pipeline at Waiau CT10 area, for a total of 226 separate release cases. Notifications for releases of petroleum related substances numbered 187. HEER Office State On Scene Coordinators (SOSCs) performed direct oversight on 67 cases requiring on-site visits or off-scene coordination.

FY 2009 DOH ENVIRONMENTAL PROGRAM HIGHLIGHTS

Emergency Preparedness and Response

In FY 2009 HEER office State On Scene Coordinators (SOSCs) conducted Emergency Response and Preparedness training with County HAZMAT units including Level "A" entry exercises with the State Civil Support Team. The team also participated in Oil Spill table-top exercises with all major State Oil users (CHEVRON, TESORO, HECO, ASI, etc.).

The HEER Office as a member of the Pacific States/BC Oil Spill Task Force hosted the Clean Pacific Oil Spill Conference attended by over 500 oil companies, responders, and cleanup contractors.

Investigation of Contaminated Properties

In Fall 2008, the HEER Office completed the first major revision of its Technical Guidance Manual (TGM) in over ten years. The TGM provides direction on site investigation and cleanup under HRS 128D. It is intended to expedite the cleanup and redevelopment of contaminated properties and avoid the creation of abandoned "brownfield" properties. The latest version is the culmination of two years of research, revision, and review. The current revision updates 15 major sections covering laws, site remedial process, hazard evaluation, and sampling and analysis methodology. Hawai'i environmental stakeholder

community had a seat at the table, providing substantial input and comment throughout the TGM revision process. Since issuance, feedback received indicates that the new, web-based TGM is being extensively used and well-received.

HEER staff also joined a team of mainland experts who are tasked with development of similar guidance for use on a nationwide basis. Additions to the TGM covering new topics are planned for FY 2010.

Health Surveillance for Environmental Factors

Activities are underway within DOH to collect and integrate environmental and health effects datasets so capabilities for tracking disease related to environmental pollution factors may be improved and facilitated 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. Data related to mercury monitoring for the WIC Program (Special Supplemental Nutrition Program for Women, Infant, and Children Program) pesticide and heavy metals surveillance, and, childhood and adult lead blood lead surveillance was evaluated.

Mercury Biomonitoring Project

In Hawai'i, fish is a traditional staple protein food for Hawaiians and an integral part of island culture. Fish is also a favorite among other Pacific Islander and Asian peoples living in Hawai'i. Fish consumption is promoted by the Hawai'i State Department of Health (DOH) because of its health benefits. However, many of the popular types of fish (i.e. ahi tuna) consumed in Hawai'i contain levels of mercury that may be harmful to the developing brain.

To reduce uncertainty related to mercury exposure estimates, the HEER Office in collaboration with State Laboratory Division, State Emergency Medical Services, Maternal and Child Health Branch and University of Hawai'i has

offered free mercury hair testing in clients of the Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) program. The objective of the project is to reduce unsafe mercury exposures in the vulnerable target population. Over 300 hair samples have been collected, analyzed and the results have been provided to the WIC participants. Evaluation of the data is currently underway.

Fast Track Cleanups

The HEER Office implemented the new "Fast Track Cleanup" (FTC) Process in October 2008. The FTC was developed with extensive stakeholder input and is based on a similar program that has proven very effective in the state of Oregon. The FTC is intended to encourage cleanup of low and medium priority sites, and improve Hawai'i's ability to focus on more serious and complex releases.

The FTC is designed to facilitate independent site cleanup and expedite No Further Action determinations. The first site was entered into the process in December 2008 and the first NFA letter was issued under FTC in May 2009.

Increased Public Outreach about Safe Management of Contaminated Properties

Keeping the public informed about identification and safe management of contaminated properties is a key priority for the HEER Office. In 2009, we reached out to the public through workshops, stakeholder focus groups and the Annual Brownfields Forum.

A variety of brochures were published to describe our cleanup programs, grant and loan opportunities. These include the *HEER Services Brochure*, a new overall summary description of programs and services that the Office provides. In addition, specific guides have been formulated for Fast Track Cleanups and the Voluntary Response Program.

To reach out to homeowners, we also prepared fact sheets providing education and guidance on managing historic contamination issues that may affect residential properties. These topics include safe management of soils that may have arsenic and termiticide residues as well as safe handling of canec paneling.

Brownfields Grants and the Brownfields Cleanup Revolving Loan Fund (BCRLF)

The first BCRLF loan in Hawai'i was issued in 2009 by the Office of Planning at DBEDT, with strong technical and partnership support from HEER. Issuance of this grant preserves the EPA BCRLF for future grantees in Hawai'i, providing a much needed funding resource to assist with the cleanup of contaminated sites throughout the islands.

In June 2009, after intensive technical consultation with the HEER Office, DBEDT awarded a \$2.7 million cleanup loan to the Hawai'i State Department of Hawaiian Home Lands (DHHL) to clean up the Former Pesticide Mixing and Loading Site in the East Kapolei area of Oahu. EPA also awarded DHHL a separate Brownfields Cleanup Grant of \$200,000.

As a result of the cleanup funding, DHHL is moving forward with a large, affordable residential development for native Hawaiians as part of the East Kapolei Master Plan.

HEER Office provides ongoing assistance to the island of Hawai'i and City and County of Honolulu, who are currently working on active brownfields assessment grants. A new Targeted Brownfields Assessment Grant was awarded in 2009 to a site on Molokai (Molokai Community Services Center).

HEER Office Hosts Brownfield Forums

The HEER Office continues to host Brownfield Forums to facilitate redevelopment of potentially contaminated properties. The fourth annual forum was a three-day event, held in October, 2008.

The first day Executive Session featured participants from both houses of the Hawai'i State legislature, members of environmental agencies for three Hawai'i counties, various community stakeholders (attorneys, major landholders) representatives from EPA headquarters, and the Executive Director of the National Brownfield Association (NBA). The session resulted in a list of agreed-upon areas of interest to pursue for Brownfields redevelopment in the state. Several projects from the list have since been initiated, in particular the introduction of a bill to the Hawai'i State legislature to adopt state Bona fide purchaser protections to bring state law consistent with federal law. The bill has since been signed into law.

The General Session was attended by approximately 100 Hawai'i environmental consultants, insurance agencies, attorneys, regulators, landowners, and bankers. The Session featured talks on environmental insurance issues, green development and greenhouse gases, updates to the HEER TGM, and rollout of the HEER "Fast Track Cleanup" (FTC) Process.

We also offered an NBA Training Workshop on Brownfields development for City and County officials. taught by the Executive Director of the NBA.

Due to budget constraints, the next Brownfields Forum will be a smaller, targeted event, held in Spring 2010.

Testing of Drinking Water for Lead in Child Care Facilities

The Safe Drinking Water Branch completed a contract to test the lead levels in drinking water at all licensed child care facilities. Water fixtures supplying drinking water to children and food preparation water were targeted in accordance with the EPA [3 T's for Reducing Lead in Drinking Water in Child Facilities](#) publication. Throughout FY 2009, all public water systems in the state had lead and copper concentrations in the tap water below the 90th percentile action levels, with one exception.

The Safe Drinking Water Branch, the Department of Human Services, and the contractor, AMEC Earth and Environmental, Inc. are working closely together in this special effort to investigate the lead levels in the tap water for a vulnerable part of the population.

Expanding Assistance to Owners and Users of Residential Rainwater Catchments Systems

The recent activity at the Halema'uma'u crater has caused 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 Hawai'i using preliminary ash data from the United States Geological Survey.

The SDWB designed and implemented a rainfall survey in which rainfall jars located in three locations were monitored for inorganic

contaminants. The locations were selected to catch rainfall with heavy, moderate, and light VOG influence in order to help predict the impact of various levels of VOG on rainwater catchment systems.

Sites Improved Under the RCRA Land Revitalization Program Managed by Solid and Hazardous Waste Branch

Former Wood Treating Operators: Facilities such as Hale Kauai and Hawai'i Wood Preserving have complete RCRA Subtitle closure of their contaminated wood treating operations. Honolulu Wood Company is undergoing RCRA Subtitle C corrective action as well.

Makua Military Reservation, Oahu: Makua Military Reservation continues to be a highly charged site. The army has agreed that upon cessation of training, and the land being

transferred back to the state, the army will do a complete closure of the site.

Underground Storage Tank Release Sites: 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.

DOH held meetings with insurance company representatives to discuss options for landowners that are not able to obtain a pollution policy for a permanently closed Leaking Underground Storage Tank (LUST) site that received an NFA.

DOH has also met with Mr. Craig Nolte and John Olson, form the Federal Reserve Bank of San Francisco, and Bruce Tsutsui of DOH's HEER Office to discuss the sponsorship of future DOH Brownfields forum meetings that will include workshops on environmental insurance.

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REPORT ON 128D, HRS ENVIRONMENTAL RESPONSE LAW

ENVIRONMENTAL RESPONSE REVOLVING FUND BUDGET AND EXPENDITURE SUMMARY FOR FIVE ENVIRONMENTAL PROGRAMS

In compliance with Chapter 128D, HRS, Environmental Response Law, this annual report to the Twenty Fifth Legislature, State of Hawai'i, presents an accounting of environmental response revolving fund (ERRF) revenue and monies budgeted and expended for implementing remedial action plans.

During FY 2009, no de-minimis settlements were implemented for remedial action sites.

128D, HRS funds may be used for the following:

- Removal or remedial actions consistent with Chapter 128D to deal with oil spill and hazardous substances releases.
- Oil spill planning, prevention, preparedness, education, research, training, removal, and remediation.
- Direct support for county used oil-recycling programs.
- 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 County's Oil Recycling Program Continues

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

Environmental Response Revolving Fund Revenue

The "environmental response tax" established in the Fuel Tax Law, 243-3.5, HRS 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. Other fund revenue is generated from fines and penalties for environmental violations. Revenue to the ERRF totaled \$2,386,815. Table 1 presents the revenue collected as of June 30, 2009.

Environmental Response Revolving Fund Expenditure

Five Environmental Health Administration (EHA) programs 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).

Budgets were appropriated to the Hazard Evaluation and Emergency Response (HEER) Office (\$3,362,663), the Environmental Management Division (EMD) (\$54,997), the Clean Water Branch (CWB) (\$279,939), the Safe Drinking Water Branch (SDWB) (\$724,933), and the Solid and Hazardous Waste Branch (SHWB) (\$817,858). Total ERRF appropriation for the five programs was \$5,240,390.

The State expended \$4,243,709 of \$5,240,390 appropriated to fund the five HTH 849 and HTH 840 environmental programs. The individual draw-downs from the ERRF were \$2,405,794 to the Hazard Evaluation and Emergency Response (HEER) Office, \$0 to the Environmental Management Division, \$254,885 to the Clean Water Branch, \$862,222 to the Safe Drinking Water Branch, and \$720,808 to the Solid and Hazardous Waste Branch.

REPORT ON 128D, HRS, ENVIRONMENTAL RESPONSE LAW - ENVIRONMENTAL RESPONSE REVOLVING
FUND BUDGET AND EXPENDITURE FOR FIVE ENVIRONMENTAL PROGRAMS

Table 2 through 7 presents a summary of the amounts appropriated, allocated, and expended for each of the five EHA programs. The amounts

presented for allocated and appropriated monies may differ due to normal accounting and union adjustments to the budget.

Table 1 Environmental Response Revolving Fund Revenue

<u>Revenue Source</u>	HTH 840	HTH 849	Total
Environmental Response Tax	-	1,589,612	1,589,612
Miscellaneous Income		134,875	134,875
Investment Pool Account		95,818	95,818
Fees. Filing of Tier II Chemical Inventory	-	77,700	77,700
Fees, Voluntary Response Account	-	36,525	36,525
Violations of Air Pollution Law	-	64,081	64,081
Violations of Hazardous Waste Law	-	260,672	260,672
Violations of Water Pollution Law	-	75,983	75,983
Violations of Community Noise Control Law	-	51,550	51,550
	<hr/>	<hr/>	<hr/>
Total S339H (HTH 840) and S342H (HTH849)	-	2,386,815	2,386,815

Table 2 ERRF Budget and Expenditure for Five EHA Programs

	FY 2009 Appropriation	FY 2009 Allocation	FY 2009 Expenditure
HEER-HTH 849-FD			
A Funds	1,112,250	1,176,370	1,302,692
B Funds	2,250,413	2,250,413	1,068,156
C Funds	-	-	34,946
HEER Subtotal	3,362,663	3,426,783	2,405,794
EMD-HTH 840-FE			
A Funds	54,997	58,917	-
B Funds	-	-	-
C Funds	-	-	-
EMD Subtotal	54,997	58,917	-
CWB-HTH 840-FG			
A Funds	114,939	122,779	148,030
B Funds	160,000	160,000	106,855
C Funds	5,000	5,000	-
CWB Subtotal	279,939	287,779	254,885
SDWB-HTH 840-FH			
A Funds	569,940	616,976	822,143
B Funds	154,993	154,993	40,079
C Funds	-	-	-
SDWB Subtotal	724,933	771,969	862,222
SHWB-HTH 840-FJ			
A Funds	602,858	645,975	720,207
B Funds	215,000	215,000	601
C Funds	-	-	-
SHWB Subtotal	817,858	860,975	720,808
Total	5,240,390	5,406,423	4,243,709

Table 3 Hazard Evaluation and Emergency Response (HEER) Office

HEER-HTH 849-FD	FY 2009 Appropriation	FY 2009 Allocation	FY 2009 Expenditure
A Funds	1,112,250	1,176,370	1,302,692
1 Toxicologist I, SR 26			
1 Toxicologist I, SR 26 (T)			
1 Ecological Risk Assessor, SR 26 (T)			
1 Planner V, SR 24			
1 Epidemiological Specialist IV, SR 22			
2 Env. Health Specialist V, SR 24			
7 Env. Health Specialist IV, SR 22			
2 Env. Health Specialist IV, SR 22 (T)			
1 Secretary II, SR 14			
1 Clerk Typist II, SR 08			
18			
B Funds	2,250,413	2,250,413	1,068,156
C Funds	-	-	34,946
HEER Office Total	3,362,663	3,426,783	2,405,794

Hawai'i State Response Program: HEER Office manages the Hawai'i State Response Program with funding from the ERRF, General fund, and federal grant appropriations. These combined funds provide for state leadership in addressing releases of hazardous substances and/or petroleum into the environment.

EPA State Response Program Grant: 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 of 2002 (SBLRBRA). This SRP grant provides crucial funding for capacity building and program development activities.

In 2009, SRP funding allowed DOH to introduce Fast Track Cleanups, issue a completely revised, electronic Technical Guidance Manual, to provide crucial support to interagency efforts to address unexploded ordnance (UXO) hazards offshore and on State properties, to enhance public awareness of hazards and safe management of contaminated properties, and to provide outreach to the regulated community through partnership trainings, stakeholder workgroups and the annual Brownfields Forum.

EPA PA/SI Grant: 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 2009, the HEER Office used PA/SI funding to conduct rapid site screenings using a sampling of opportunity approach.

Federal Cleanup Programs: 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.

Table 4 Environmental Management Division (EMD)

EMD-HTH 840-FE	FY 2009 Appropriation	FY 2009 Allocation	FY 2009 Expenditure
A Funds			-
<u>1</u> Information Technology Specialist V, SR 24	54,997	59,917	
1			
B Funds	-	-	-
C Funds	-	-	-
EMD Total	54,997	59,917	-

EMD: The ERRF funds the Network Administrator position for the Environmental Management Division (EMD). The network administrator supports and maintains 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, and providing email and internet connectivity. The network manager is also working to improve and upgrade network servers and connections. During FY 2009, the network

manager was involved in various IT projects. These projects included the EHW Data Warehouse project and the HEER SharePoint project. Major milestones accomplished in 2009 were the establishment of the infrastructure of the HEER SharePoint site, the infrastructure for the EHW Data Warehouse and the upgrade of the Network Backup System.

EMD salary money was expended directly from the HEER Office ERRF A category budget during FY 2009.

Table 5 Clean Water Branch (CWB)

CWB-HTH 840-FG	FY 2009 Appropriation	FY 2009 Allocation	FY 2009 Expenditure
A Funds	114,939	122,779	148,030
1 Information Technology Specialist IV, SR 22			
<u>1</u> Env. Health Specialist IV, SR 22			
2			
B Funds	160,000	160,000	106,855
C Funds	<u>5,000</u>	<u>5,000</u>	<u>-</u>
CWB Total	279,939	287,779	254,885

CWB: The ERRF funds an Environmental Health Specialist (EHS) IV position and an Information Technology Specialist (ITS) IV position for the Clean Water Branch (CWB). The EHS position tasking insures monitoring data submitted by CWB permitted facilities meets acceptable standards for sampling, transportation, and reporting as required by DOH policies and under EPA rules. The ITS performs tasks to integrate various federally required data systems, and provide technical support to the CWB staff in the areas of data recording and reporting.

The Legislature also continued funding of the separate \$150,000 Hawai'i Association of Conservation Districts (HACD) contract funds to support three Conservation Specialists positions on the neighbor islands and Oahu. These positions assist the CWB's Polluted Runoff Control program by providing technical assistance and oversight in the control of non-point source pollution resulting from activities in areas such as agriculture, urban, commercial, boating, and dealing with the general public. FY 2009 funds were used to extend the HACD contract for the Conservation Specialists on Oahu, Kauai, and Waimea.

Table 6 Safe Drinking Water Branch (SDWB)

SDWB-HTH 840-FH	FY 2009 Appropriation	FY 2009 Allocation	FY 2009 Expenditure
A Funds	569,940	616,976	822,143
1 Env. Engineer III, SR 22			
2 Env. Engineer IV, SR 24			
1 Env. Health Specialist III, SR 20			
2 Clerk Typist II, SR 08			
1 Underground Injection Control Geologist II, SR 28			
2 Underground Injection Control Geologist I, SR 24			
1 Underground Injection Control Clerk, SR 08			
1 Information Technology Specialist IV, SR 22			
11			
B Funds	154,993	154,993	40,079
C Funds	-	-	-
SDWB Total	724,933	771,969	862,222

SDWB: The ERRF continued to support Safe Drinking Water Branch personnel and activities related to the protection of public health and drinking water quality through many activities during FY 2009. These funds support activities that have both direct and indirect drinking water protection benefits.

The ERRF currently supports a staff of three geologists and one clerk-typist who administer the Hawai'i Underground Injection Control (UIC) Program for approximately 1,200 facilities (project files) statewide, and two environmental engineers who implement major drinking water regulations. One administers the Lead and Copper Rule, its revisions, and other related activities, while the other handles the Long Term 1 and 2 Enhanced Surface Water Treatment Rules and the Stage 1 and 2 Disinfectants/Disinfection By-Products Rules.

The ERRF also support an environmental health specialist and a clerk-typist involved in drinking water monitoring activities, and a staff of two, an environmental engineer and a clerk-typist, to administer the Certification of Operators of Public Water Systems process. This staff compiles and maintains files on all existing certified operators, receives and prepares all applications for Board review, receives and processes all certification

and testing fees, prepares the examinations, prepares all correspondence, conducts training, administers examinations, and tracks other state programs to see how they handle specific issues and more.

The ERRF supports the certification process by funding necessary neighbor island travel of Board members who represent Neighbor Island operators and suppliers, pays for membership in the Association of Board's of Certification (ABC) which provides certification examinations and grades them (two DSO and two WTPO exams annually), and supports other certification activities such as the provision of math refresher classes, and provides travel funds for staff to proctor certification examinations on the Neighbor islands.

The ERRF supports the Safe Drinking Water Branch Information Technology Specialist who is assigned the task of preparing the SDWB for the implementation of the Safe Drinking Water Information System/State data management system. Other programs addressed with ERRF funding are the Capacity Development Program, Assistance to Owners and Users of Rain-Water Catchments Systems program, Circuit Rider Program, and Continuing Education Program for Drinking Water System Operators.

Table 7 Solid and Hazardous Waste Branch ERRF Budget and Expenditure

SHWB-HTH 840-FJ	FY 2009 Appropriation	FY 2009 Allocation	FY 2009 Expenditure
A Funds	602,858	645,975	720,207
1 Env. Engineer IV, SR 24 (SW)			
3 Env. Health Specialist IV, SR 22 (HW)			
1 Env. Health Specialist IV, SR 22 (LUST)			
1 Env. Health Specialist III, SR 20 (LUST)			
3 Env. Health Specialist III, SR 20 (UST)			
1 Clerk Typist II, SR 08 (UST)			
10			
B Funds	215,000	215,000	601
C Funds	-	-	-
SHWB Total	817,858	860,975	720,808

SHWB: The ERRF supports ten Solid and Hazardous Waste Branch personnel and activities focused on:

- Used oil management and recycling
- Special waste management, management of Leaking Underground Storage Tank (LUST) sites
- Inspection of Underground Storage Tank (UST) facilities
- Oversight of the County's Oil Recycling Program

The Environmental Health Specialist (EHS) IV Permit Writer, who is supported by the oil fund, provides oversight of contaminated facilities undergoing ground water monitoring.

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

The Environmental Health Specialist (EHS) III has an active caseload of 57 LUST sites at this time and provides project oversight to all remedial efforts of his cases. The EHS IV provides team unit leadership for three other EHS III staff. The EHS IV also works on additional active LUST sites.

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

HEPCRA TIER II FILING FEES

In compliance with Chapter 128E, HRS Hawaii Emergency Planning and Community Right to Know Act (HEPCRA), this annual report to the Twenty Fifth Legislature, State of Hawaii, 2010 presents an accounting of Tier II fees collected during FY 2008 and distributed to the Local Area Planning Committees (LEPCs) on Hawaii, Oahu, Kauai, and Maui during FY 2009. The report also presents the amount of fees projected to be collected during FY 2010.

HEPCRA facilities are those that store, use, or manufacture above defined thresholds, any hazardous substance, or extremely hazardous substance. An owner or operator of a HEPCRA facility must file an annual notification of such "Tier II" activity, and pay a filing fee of \$100. HEER Office staff assesses each Tier II report, records the HEPCRA facility data into an EPA database, and processes the fees for deposit to the Environmental Response Revolving Fund (ERRF).

Tier II filing fees deposited to the ERRF are distributed in the following year to the Hawaii State Emergency Response Commission (HSERC) and LEPC for operating expenditures. The amount distributed to the LEPC 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 below to the LEPCs after deductions for the HSERC operating expenses. The amount of fees projected to be collected for fiscal year 2010 is likely to remain the same. This projection is based on the number of Tier II submittals received during FY 2008 and 2009.

Chapter 128 Rules Drafted

Chapter 128E Draft HEPCRA Administrative Rules are under review by the governor. When approved, a public hearing will proceed.

EPA Region 9 Authorizes Inspection of Risk Management Program Facilities

During FY 2009, A EPA Region 9 issued RPM facility inspection credentials to a DOH delegate. The credentials authorize the DOH employee to follow-up on facility complaints and EPA managed inspections.

The EPA has the authority for the Clean Air Act (CAA), Section 112 (r) "Risk Management Program" (RMP). Under the RMP, an owner or operator of a facility that stores, uses, or manufactures above defined thresholds of any extremely hazardous substance is required to file a notification of such activity to the EPA.

Table 8 HEPCRA Tier II Filing Fees Collected FY 2008 and Distributed FY 2009

HTH 849 H338

<u>Tier II Filing Fees</u>	<u>Number of Reporting Facilities</u>	<u>Amount Collected</u>	<u>Amount Distributed</u>
FY 2008	751	74,600	66,968
FY 2009	759	77,700	67,908
FY 2010 projected		76,000	
<u>Funds Distributed to LEPCs for FY 2009</u>			
Honolulu			28,120
Hawaii			16,776
Maui			12,722
Kauai			<u>10,290</u>
Total			67,908

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REPORT ON KEY ENVIRONMENTAL PROGRAM ACTIVITIES

HAWAII STATE RESPONSE PROGRAM

HAZARD EVALUATION, EMERGENCY RESPONSE, AND SITE CLEANUPS IMPROVED

Hazard Evaluation of Ecological and Human Health Risk Key Activities

The HEER Office 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 2009, staff provided risk assessment support and responded to a diversity of inquiries concerning potential health hazards. These inquiries included questions regarding heavy metals (e.g., mercury, lead, arsenic), pesticides, indoor and outdoor air pollutants (e.g., mildew, cleaners, paints), and other illnesses potentially related to the environment. 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. Data related to mercury monitoring for the WIC Program (Special Supplemental Nutrition Program for Women, Infant, and Children Program) pesticide and heavy metals surveillance, and, childhood and adult lead blood lead surveillance was evaluated.

Biomonitoring WIC Participants. Hair Analysis for Mercury Exposure.

In October 2008, the DOH in collaboration with the University of Hawai'i began a biomonitoring project to assess exposure to mercury in childbearing-aged women and young children volunteers attending WIC clinics. The main source of mercury exposure is through consumption of fish. Fish consumption is promoted by the DOH because of its health benefits. However, many of the popular types of fish (i.e. ahi) consumed in Hawai'i contain levels of mercury that may be harmful to the developing brain.

Human biomonitoring data are helpful to public health officials as they develop balanced fish consumption advice. The correlation between hair and blood mercury has been well characterized. Hair mercury levels reflect exposure from a multi-species seafood diet.

The EPA recommends that hair levels should be less than 1.2 part per million for pregnant women to protect the developing fetus from harmful effects. This level is 10 times lower than the lowest levels linked with harmful effects, so has a built in safety factor to protect against harm. To date, more than 300 hair samples have been collected, analyzed and reported to the participants. Preliminary analysis of the data indicate that while a significant number of participants exceed the Environmental Protection Agency's action level of 1.2 ppm, no participants exceeded 12 ppm, the level considered harmful for the developing fetus. In addition to the mercury analysis, the feasibility of using hair arsenic levels to identify individuals at risk of excessive arsenic exposure is being evaluated.

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 Hawai'i to the Department of Health (DOH), Disease Outbreak Control Division (DOCD), Disease Investigation Branch (DIB). Using the electronic results, HEER has been tracking children and adults with elevated lead levels. Education materials have been provided to all physicians testing patients for mercury.

Childhood Blood Lead Levels

HEER began tracking children with elevated blood levels exceeding 10 ug/dl in September 2007. Children with blood lead levels exceeding 10 ug/dl are referred to the Indoor and Radiological Health Branch where their home environment was evaluated. Tests performed between July 1, 2008 to June 30, 2009 showed 16 children out of approximately 6,161 children tested had blood lead levels exceeding 10 ug/dl. HEER is coordinating with other branches within the DOH to ensure that the children with elevated lead levels get appropriate resources.

Adult Blood Lead Epidemiology and Surveillance Reporting

Semiannual reports to NIOSH were submitted, covering the periods from 3/16/08-9/15/08 and 9/16/08-3/15/09. There were 2 cases of excessively high blood levels of lead -- a male employee at Pearl Harbor Naval Shipyard and a

former employee of an indoor shooting range in Waikiki.

Due to new evidence of lead causing adverse effects in adults, the standard of "excessive" has been lowered from 25 to a more protective 10 micrograms of lead per deciliter of blood. The number of reportable cases is expected to increase sharply. This was discussed at the national ABLES meeting in Buffalo, New York, June 8-10, 2009.

Emergency Preparedness and Response Key Actions

Aloha Petroleum Tanker Truck Incident

On February 21st a Aloha Petroleum fuel delivery truck experienced a vehicle drive shaft break that punctured one of two gasoline filled tanker trailers releasing 2,000 gallons of gasoline onto H-1 Highway. The incident response and cleanup caused a major traffic backup lasting for several hours.



Aloha Petroleum Tanker Truck Incident



Hawai'i Fueling Facilities Corporation Jet Fuel Release

Sand Island Jet Fuel Release

On July 23, 2008, trenching was being conducted at the Hawai'i Fueling Facilities Corporation, Sand Island, when release of jet fuel was discovered. Approximately 3,400 gallons of jet fuel was released; source of the release was from a water draw pipe, buried underground. Fuel reached groundwater which is approximately five feet below ground surface; however, no fuel has reached surface water located approximately $\frac{1}{4}$ mile away from the facility. The site has been turned over to the HEER Office Site Discovery, Remediation, and Assessment (SDAR) Section for further cleanup.

Navy Marine Golf Course Warehouse Fire

On September 13, 2008, an old pesticide storage shed burned down. Once the fire was mitigated, there was a concern over the risk effects of the pyrolysis-breakdown products. With a HEER SOSC serving as a liaison between the toxicologist and the Navy, appropriate cleanup and disposal methods were implemented.

Illegal Dumping on Maui

On September 14, 2008, HEER Office received a complaint concerning illegal dumping of hazardous substances at a residential area on Maui. HEER Office provided assistance to the Attorney General's Office in December 2008 when a search warrant was served.

Former Chemwood Site Dumping Removal

On October 9, 2008, HEER received notification from a worker at Campbell Industrial Park that trespassers had entered a vacant lot that had been formerly used as a wood-treating facility and emptied a 500-plus gallon tank of the tank's chromate copper arsenate (CCA) contents, and then brought the waste material to a metal recycling company nearby. An emergency removal was conducted by HEER Office and the fence was reinforced to prevent further trespassing. HEER worked with the State's and the U.S. Environmental Protection Agency's Resource Conservation and Recovery Act programs to insure that the site will be remediated. HEER was able to cost recover \$6,493.34 from the US EPA for HEER's actions.

December 2008 Flash Flood Assessments

HEER conducted site assessments in various locations in Haleiwa affected by flash floods. Concern over the release of hazardous substances and risks to public health and the environment resulted in HEER conducting sampling and analysis of impacted areas.

Sampling on taro fields were conducted, where oil sheen were reported as a result of the floods. Analytical results on soil and water samples indicated non-detectable levels for petroleum hydrocarbons or other organic pollutants.

Maui Gas Tank Truck Propane Release

On the morning of January 28, 2009, a tank truck containing propane started leaking while conducting a delivery. Fire fighting foam was applied, then the tank truck was transported to a Raceway Park, an isolated area where the propane was flared off.

USS Port Royal CG-73

On Feb 5, 2009, at approximately 2013, USS Port Royal CG-73 ran aground approximately 900 yards south of Honolulu International Airport Reef

Runway. An estimated 250,000 gallons of marine diesel fuel, and 200 gallons of lube oil were onboard. Daily over-flights were conducted.

No sheen from the vessel was observed. Daily attempts to free the vessel were unsuccessful until February 9, 2009 at 0240, when the vessel was successfully pulled off the reef and transited to Naval Base Pearl Harbor under tow.

At the time of the vessel being freed, an odor of diesel was present. Sorbent material was used to collect oil released from the vessel. Samples were collected by the USCG from USS Port Royal and 11 vessels in the vicinity of the spill and provided to DOH for analyses. Profile of the samples collected from the spill was very similar to two vessels, the USS Port Royal or the Tug Tiger 3.



USS Port Royal Grounding

Chevron Refinery Red Water Release

On April 27, 2009, a colored water discharge was observed at the Chevron Refinery. HEER Office conducted sampling to identify what may be causing the colored effluent discharge and determine any risks. Warning signs were posted at nearby coastal areas. Clean Water Branch is seeking a penalty of \$43,500 for the violation.

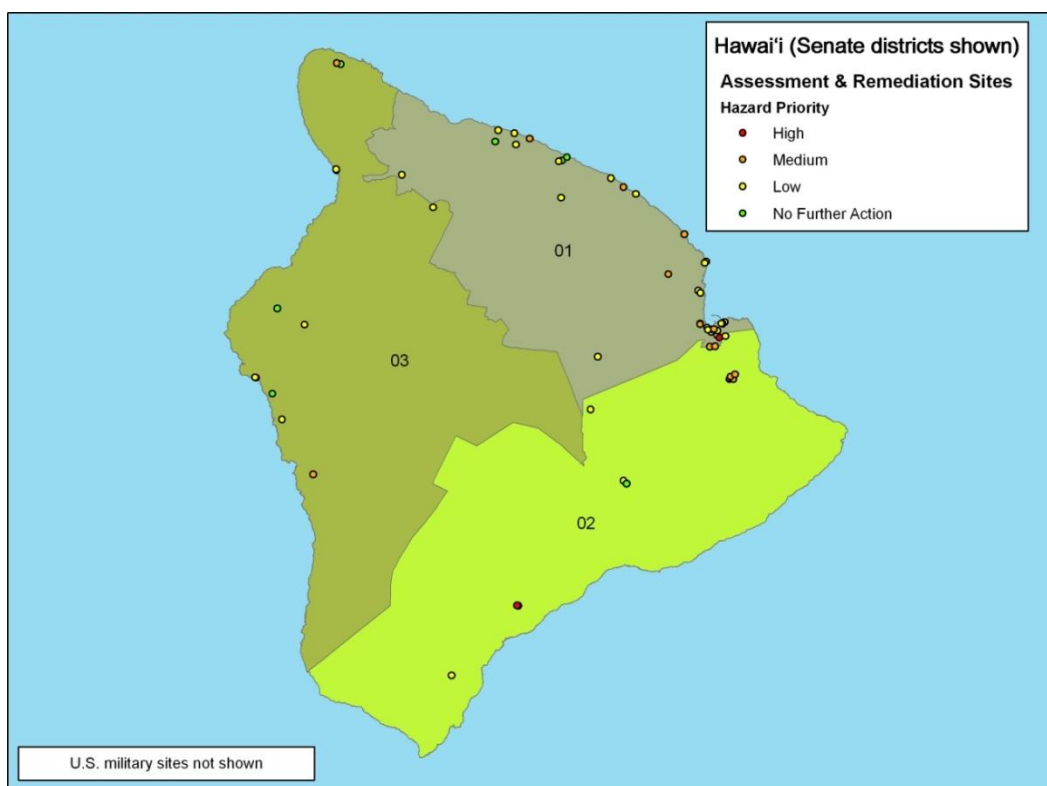
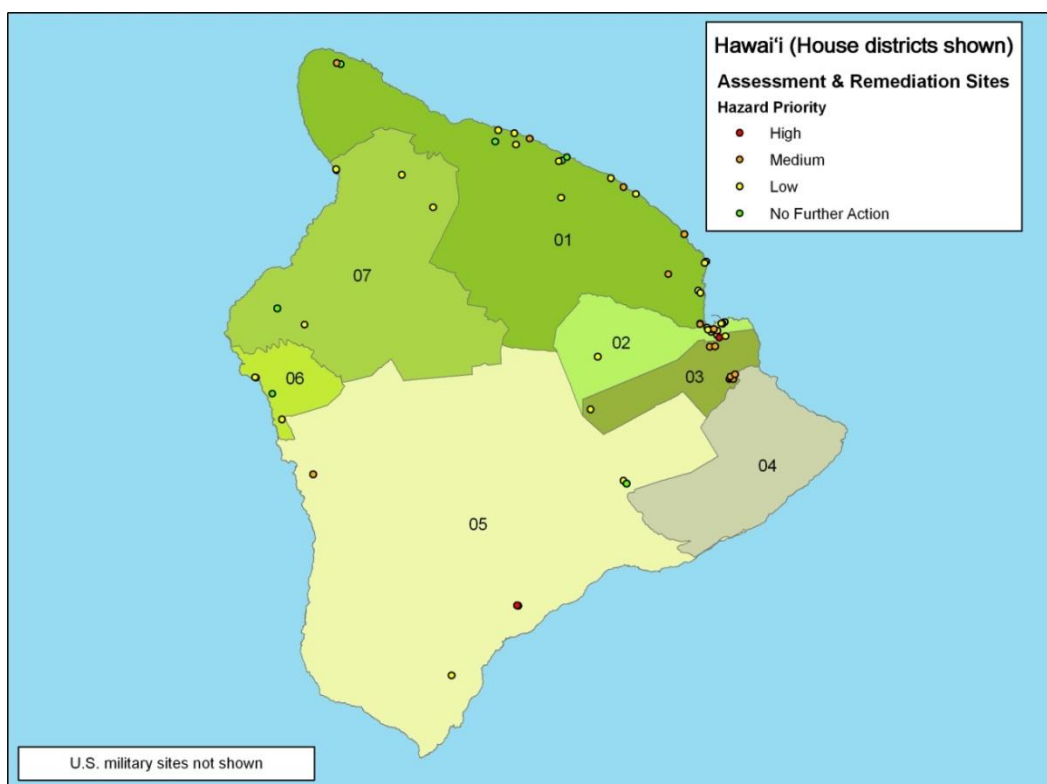
BEI One-ton Chlorine Cylinder

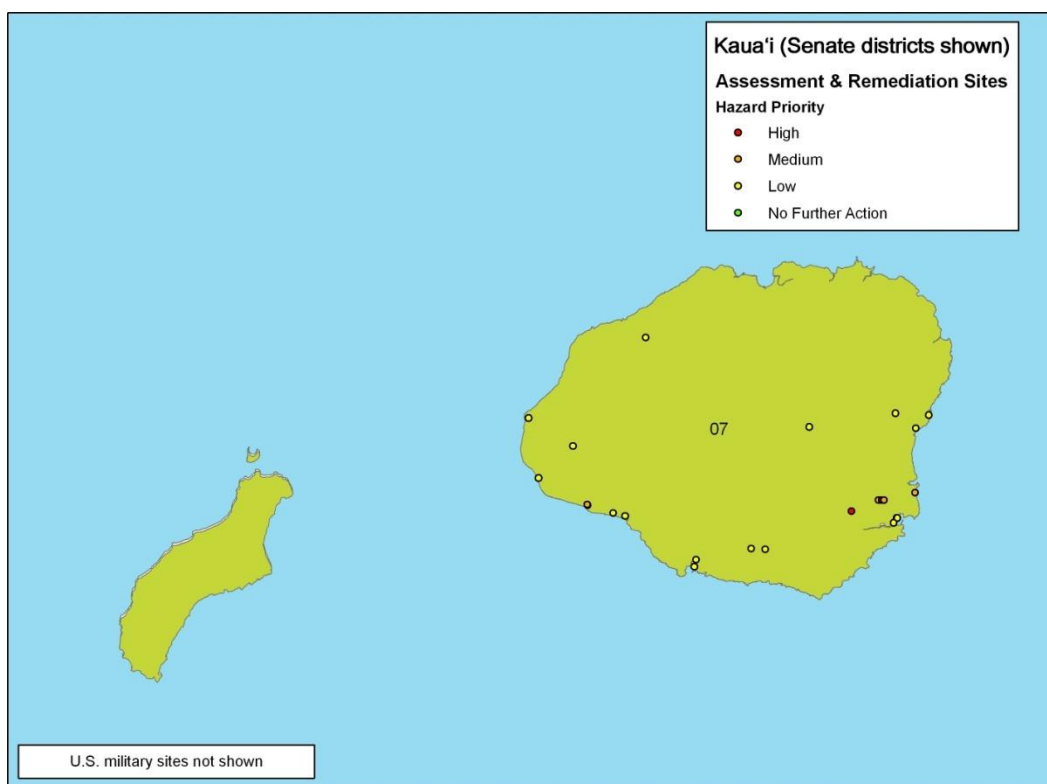
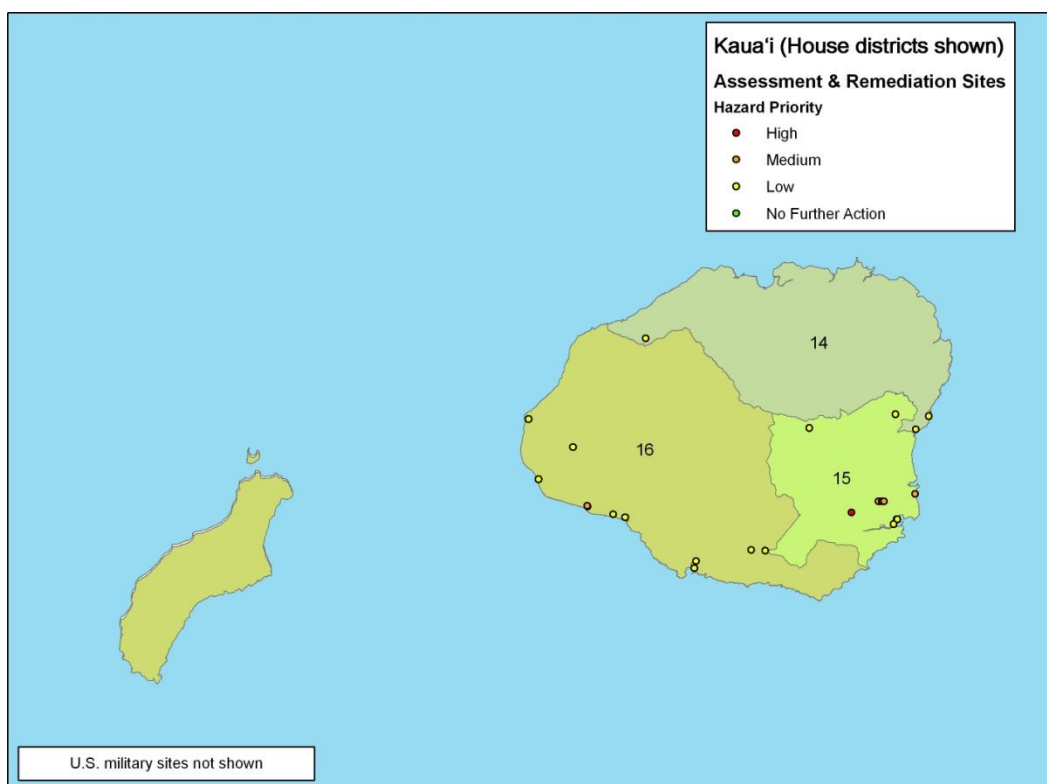
On May 22, 2009, two of the fusible plugs of a one-ton chlorine cylinder were leaking. Although the leak was immediately stopped, the cylinder started bulging, causing an evacuation of the surrounding businesses at the Campbell Industrial Park (CIP). The potential to release was mitigated

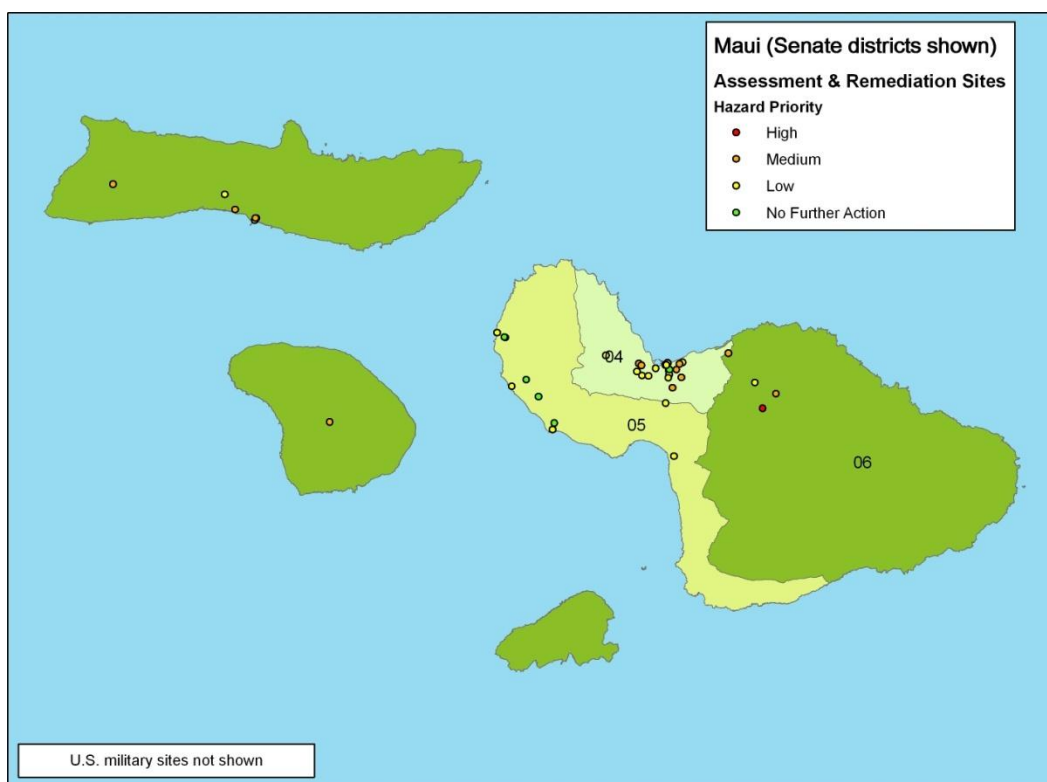
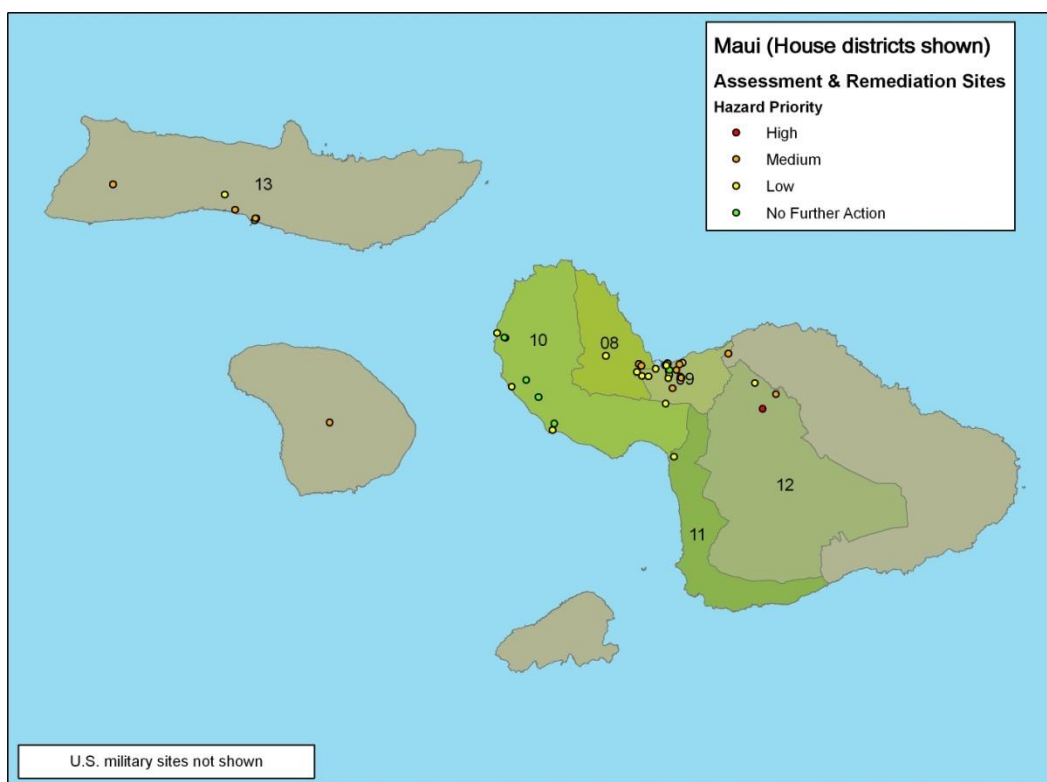
when the contents of the cylinder were transferred and used to make bleach, which was the intended purpose of the chlorine. After-action meetings were held to improve communications and evacuation routes for the CIP businesses.

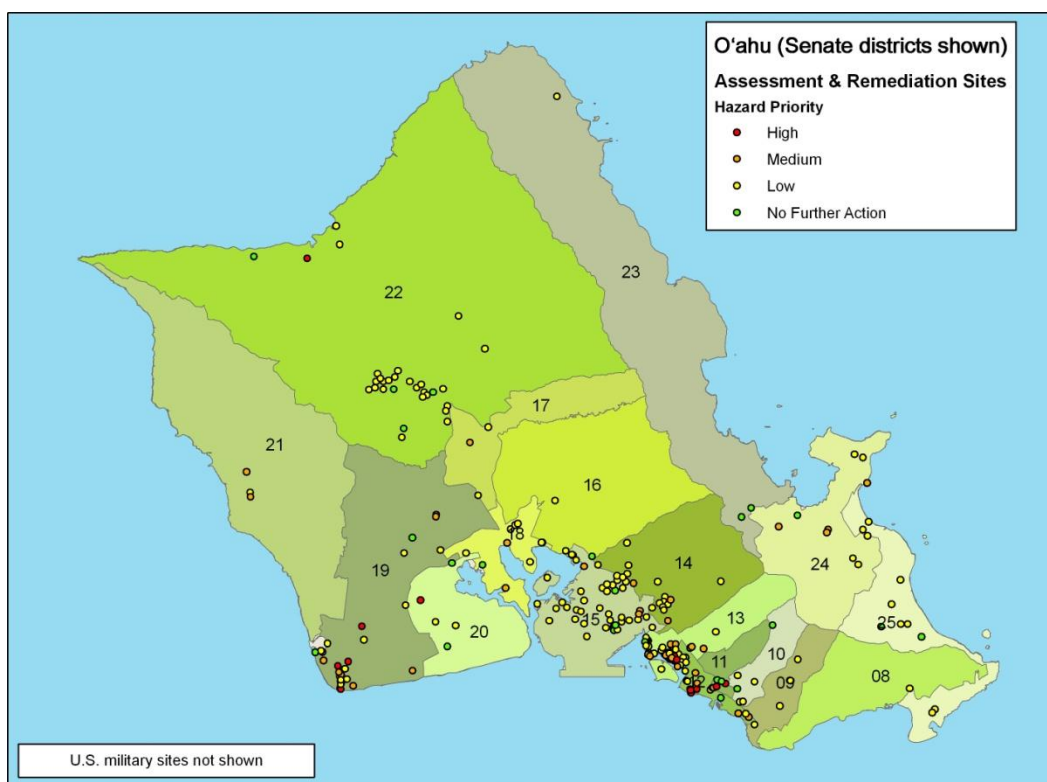
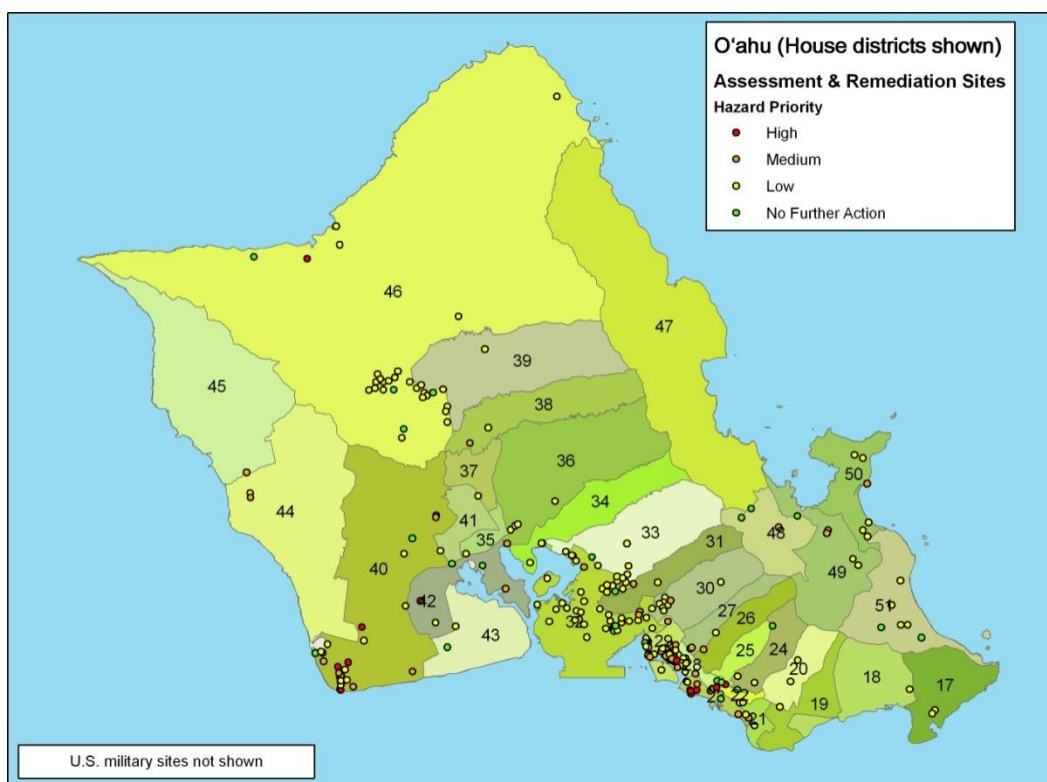
Key State Cleanup Actions

Assessment and cleanup activities are underway within HEER Office on 461 Hawaii State Response Program sites and 432 federal DSMOA Program sites. The following set of maps presents a distribution of the state sites for the legislative districts in Hawaii, Kauai, Maui, and Honolulu counties.









Honolulu Harbor

The Honolulu Harbor/Iwilei District cleanup project continues to make significant progress in the cleanup of separate phase hydrocarbon (SPH) and other contamination. Notable milestones by Iwilei District Participating Partners (IDPP) include:

- Finalization of Response Action Memorandum documents for (Operating Units) OU1C, OU1B, and OU2.
- Conducting soil gas intrusion studies for all impacted buildings within the project area.
- Completion of complex, three dimensional characterization of petroleum plume in OU1C and OU2.
- Completion of Storm Drain Replacement Remedial Design (RD).
- Completion of Draft OU1C Institutional Controls Plan.



Honolulu Harbor Iwilei District Project Area

Honolulu Harbor Iwilei District Project Area

BHP GASCO Benzene Site, Oahu

The Agreement on Remedial Action for this highly contaminated site has been transferred from BHP Hawaii to Weston, Inc. Despite earlier cleanup efforts that removed 30 tons of volatile organics from the site, contaminant levels remain high in the soil and groundwater and HEER Office has required additional work. The remedial investigation and environmental hazard evaluation has been reviewed and approved by the HEER Office. A remedial alternative analysis report is expected shortly, and will include a recommendation about most appropriate

remedial alternative at the site. After the alternatives are presented to the public for comment, a final cleanup decision will be made by the Director.

Lowe's Iwilei

The proposed Lowe's site in Iwilei was approved as a Voluntary Response Program (VRP) site in February 2005. Since that time, the former ConocoPhillips bulk facility has been dismantled and Lowe's has remediated the contaminated soils using a large scale thermal desorption unit designed to burn off petroleum products. Final reports are expected soon and construction of the new store should commence in 2010.



Lowe's Iwilei Thermal Desorption Unit

East Kapolei, Oahu

The East Kapolei Former Pesticide Mixing and Loading site located in the Ewa Plain area of O'ahu, was contaminated with dioxin as a result of activities related to sugar cane cultivation. The State acquired the site in 1994 through condemnation and title to some 400 acres was transferred to Department of Hawai'ian Home Lands (DHHL) in February 2009. The site and area surrounding the site are planned for an affordable residential development by DHHL. Careful sampling and investigation led by the HEER Office cleared all but one acre of any contamination concerns.

DOH is working closely with DHHL on cleanup of the small, highly contaminated mixing area prior to development construction. The regulatory oversight of cleanup activities will be implemented under an Agreement for Remedial Action signed by DOH and DHHL in August 2009. Cleanup funding assistance is being provided to DHHL through a Brownfields Cleanup Grant from the EPA Revolving Loan Fund administered by the Hawai'i State Department of Business, Economic Development, and Tourism (DBEDT).



East Kapolei Former Pesticide Mixing and Loading Site

Key Federal Cleanup Milestones

The HEER Office oversees all non-petroleum related investigations and cleanups performed by the Department of Defense (DoD) under CERCLA via the Department of Defense Environmental Restoration Program (DERP). Petroleum related DoD investigations are regulated by HRS 128D. There are currently 432 DoD sites throughout Hawaii under HEER Office oversight. These are shown on the Department of Defense List of Priority Sites at the end of this document.

Record of Decision (ROD) documents are major milestones in the cleanup process. They indicate that a remedy has been agreed to and will be implemented within eighteen months of signature. Seventy-three decision documents at military installations were completed this past year and are listed below. Of these, remedial activities were completed at 47 sites and final cleanup decisions were made at 26 sites. In addition to these activities, assessments, hundreds of investigations and cleanup activities are ongoing at individual sites on major installations across Hawaii.

Key Air Force Site Cleanup Decisions

Records of Decision:

Hickam Air Force Base

- Site MY111, Former HIANG Motor Pool
- Site CG104, Pier Dump, Bellows AFS
- Site DA103 & SA144, Basewide PCB Study
- Site SS13 & SS25, John Rodgers Tank Farm & Shoppette
- Site SS06 & SS15, Fuel Leak Area 9 & Par 3 Golf Course
- Sites ST01 & ST33, Officer's Club Underground Storage Tanks & Fox Boulevard Underground Storage Tanks
- Hickam POL (Petroleum, Oil, Lubricants)
- ST10, Valve Pit 17
- ST12, Waikakalaua Fuel Storage Area
- ST18, Spill Site 18A & 18B
- Hickam POL Sites Closures:
- Sites ST04, ST06, ST07, ST08, ST11, ST15, ST16, ST17, ST19, ST22, ST23, and ST24

Key Army Site Cleanup Decision

Site Closures:

- Rifle Range 1 (FTSHF-002-R-01), Fort Shafter
- Sites 46, 47, 48, 49, 50, 51, & 52 at Fort Shafter Flats, Fort Shafter
- Pohakuloa Training Area Landfills 1 & 2, Pohakuloa Training Area
- Key FUDS Cleanup Decision
- FUDS Closures:
 - Castner Garage, Wahiawa, Oahu, (FUDS Project No. H09HI045901)
 - Kilauea Radar Station, Kilauea Wildlife Refuge, Kauai (FUDS Project No. H09HI018001)
 - Former Maui Airport, Puunene, Maui (FUDS Project No. H09HI022501)
 - Kaena Point Natural Reserve UST site (FUDS Inventory Project # H09HI013800)

Key Navy Site Cleanup Decisions

Records of Decision & Closures:

- Halawa Main Gate GSA, Remedial Action Areas 1 through 10
- Ford Island Hazardous Substance and Transformer Sites
- Former Firefighting Training Area, Richardson GSA
- Former Makalapa Pesticide Rinsate Pit
- Shoreline Site Northwest of Dry Dock #3, Pearl Harbor Naval Shipyard
- Building 215 Storm Drain, Pearl Harbor Naval Shipyard
- Skeet Range, Southeast Asia Jungle Village, Blank Fire Patrol Lanes, Camp Smith
- Abandoned AVGAS/MOGAS pipeline, Pearl City Peninsula GSA
- Former Pearl City Junction Site
- Old Wahiawa Landfill, NCTAMS
- Old Incinerator Site, NCTAMS
- Building 6 Disposal Area, NCTAMS

- Golf Course, Former Naval Air Station Barbers Point
- Former Building 4 Pesticide Shop, Navy Munitions Command East Asia Division Detachment Pearl Harbor, Naval Station Pearl Harbor Lualualei Annex
- Drop Test Tower Site, Naval Munitions Command East Asia Division Detachment Pearl Harbor, Lualualei Branch

Pearl Harbor Update

The Pearl Harbor Naval Complex was placed on EPA's National Priority List (NPL) in 1992. A Federal Facilities Agreement for investigation and cleanup of Pearl Harbor was signed by the Navy, EPA, and DOH in 1994. The site consists of several individual investigations that are being conducted concurrently. In many cases, the Navy has opted to use removal actions to quickly address high priority environmental concerns, while working on a parallel course with EPA to complete the full CERCLA requirements needed to reach final closure on the contaminated sites.

EPA invoked dispute resolution with the Navy in May 2007 over the sediment investigation in Pearl Harbor due to concerns about data gaps in the investigation.



Pearl Harbor

Intensive, cooperative work between EPA, DOH and the Navy has resulted in a Work Plan documenting additional investigation needed to close the identified data gaps. The Work Plan was agreed upon and signed by all parties in

December 2008. A letter agreement documenting resolution of the 2007 points of dispute was subsequently signed by all parties in 2009. Sampling and associated field investigation activities under the scope of the Work Plan were conducted in Spring 2009. The collected samples are currently undergoing analysis and results are anticipated at the end of 2009.

Oversight of Military Housing Redevelopment Projects

Active redevelopment of old military housing projects is underway across Oahu. The HEER Office has worked closely with DoD and their public-private venture partners to ensure investigation and safe management of contaminated soils exposed during construction of military family housing (MFH) in neighborhoods affected by historic use of termiticides used in building foundations. The HEER Office has oversight of 125 neighborhood redevelopment projects, in various stages of planning, construction and occupancy. Because HEER is providing direct oversight to the private venture partners under HRS 128D, these sites are shown in the Hawaii State Response Program List of Priority Sites, rather than on the Department of Defense Program List in the back of this document.

Key Hawai'i State Response Program Programmatic Accomplishments

Voluntary Response Program

The Voluntary Response Program (VRP) encourages voluntary cleanup of contaminated properties. Under 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. There are a total of 12 active VRP sites in the program.

Responsible parties with sites participating in the VRP are paying the State for DOH oversight of

their remedial activities. In FY 2009, the VRP program recovered \$15,000 in program costs from responsible parties with an additional \$11,700 invoiced.

Site Discovery and Sampling of Opportunity

As a part of the new Site Discovery Program, Sampling of Opportunity was used to continue investigations of former sugar operations on the Big Island. Historical research and sampling efforts focused on former pesticide storage, mixing and operational areas, as these areas can be highly contaminated. This early sampling approach allows DOH to rapidly assess and manage potential hazards from newly discovered sites, and thereby prioritize appropriate agency response.

The Sampling of Opportunity program was also used to provide technical assistance to Ke Kula 'O Samuel M. Kamakau Laboratory Public Charter School as they planned their redevelopment of an old quarantine facility. The sampling demonstrated that there are no residual contamination concerns, and cleared the grounds for all proposed school activities.

Cost Recovery

HRS 128D provides legal authority to cost recover for DOH oversight of remedial activities at contaminated sites in Hawai'i. In FY 2009, DOH received \$63,278 in payment for oversight expenses for the Honolulu Harbor and GASCO cleanup sites in accordance with the terms of the respective Agreements for Remedial Action.

Bona Fide Prospective Purchasers Amendment Signed into Law

As a result of extensive consultation with stakeholder groups over a two year period, DOH proposed draft legislation amending HRS 128D to provide state consistency with federal law on the liability of bona fide prospective purchasers and contiguous property owners for contaminated land. With strong leadership from Representative Morita and Senator Gabbard, the bill language passed and was signed into law in July, 2009. This important amendment encourages safe and successful redevelopment of contaminated properties in Hawai'i.

CLEAN WATER BRANCH CAPABILITIES IMPROVED

Clean Water Branch Sewage Spill Notification Web Site Improved

ERRF funding to the Clean Water Branch (CWB) was utilized to improve the warning and sewage

spills on the DOH web site. The CWB employs a "Clean Water" hotline (586-5826) and web page to warn of contaminated waters. The website also shows water testing results.

SAFE DRINKING WATER BRANCH PROTECTION OF PUBLIC HEALTH AND DRINKING WATER QUALITY IMPROVED

SDWB Key Activities

During FY 2009, SDWB focused ERRF funding and ERRF funded personnel on the following major activities to protect public health and drinking water quality.

- Continued the migration of both State and County drinking water chemical testing data into the Safe Drinking Water Information System/State database.
- During FY 2009, all but one public water system demonstrated compliance with the 90th percentile Lead and Copper action levels at consumers' taps.
- Completed 28 sanitary surveys of public water systems throughout the State.
- Completed a contract to conduct the sanitary surveys of the North and South Kona water systems.
- Developed a contract to continue Circuit Rider water system training and assistance for an additional five years.
- Continued to administer a contract to extensively test all child-care facilities in the state for the lead content of their drinking water.
- Received 111 Underground Injection Control applications, issued 21 approvals to construct, 61 operating permits, and closed 36 injection well facilities.

Lead and Copper Rule Administration

Throughout FY 2009, all public water systems in the state had lead and copper concentrations in the tap water below the 90th percentile action levels, with one exception.

In FY 2009, the SDWB completed a contract with AMEC Earth and Environmental, Inc. to perform lead testing of tap water at all licensed child care facilities in Hawai'i. With the assistance and cooperation of the Department of Human Services and child care facilities staff, AMEC sampled water from fixtures where children obtained drinking water and where food preparation water was supplied.

Water samples were collected and sent to Weck Laboratories (City of Industry, California) for analysis. The results and other supporting information were provided to facility staff and parents. Follow-up samples and additional actions were taken when lead concentrations exceeded twenty (20) parts per billion (ppb), in accordance with the recommendations contained in the U.S. EPA's [3 T's for Reducing Lead in Drinking Water in Child Care Facilities](#).

AMEC has been progressing ahead of schedule and is expected to complete both the statewide sampling and the report summarizing the program. The report will show the total number of facilities by island that were sampled, the number of samples taken, and a breakdown of those samples with lead concentrations exceeding 20 ppb.

Development and Maintenance of Disinfectant/Disinfection By-Products Rules and Enhanced Surface Water Treatment Rules

The Disinfectant/Disinfection By-Products and the Enhanced Surface Water Treatment suite of rules currently work together to increase public health protection by increasing protection from exposure to the targeted microbes, Giardia and Cryptosporidium, in drinking water, while assuring that the disinfectant and resulting disinfection by-product levels in the water are kept at safe levels.

Protection of Existing and Potential Underground Sources of Drinking Water (Hawai'i 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, permitting protects existing and potential underground sources of drinking water by assuring that the facilities have proper separation from drinking water wells and that they only inject waste fluids that meet specified discharge standards. 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.

Certification of Public Water System Operators

Drinking water is protected through the Certification of Public Water System Operators program. The program was established to ensure that staff operating the public water systems has sufficient training to do their duties properly.

Chapter 340F of the Hawai'i Revised Statutes requires all public water systems to have operators certified at the appropriate level to operate either water treatment plants or distribution systems. If a system has both, they must have certified operators in both categories. Hawai'i's program consists of a five-member Board of Certification, appointed by the Governor, which meets quarterly to set policy, act on all applications for certification, assign continuing education units to training events, and more.

At the end of FY 2009, the program had 178 certified water treatment plant operators and 486 certified distribution system operators (DSO). Some operators maintain dual certifications. All public water systems in the state had at least one DSO at the proper level.

Assistance to Owners and Users of Rain-Water Catchments Systems

During 2009, 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.

The recent activity at the Halema'uma'u crater has caused 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 Hawai'i. 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.

In order to further our knowledge about the impact of VOG on rainwater, the SDWB designed and implemented a program to collect monthly samples of rainwater at three locations on the Big Island. Samples of rain were caught in specially designed "rainfall jars" in order to measure the quality of the rainwater as it would be received by rainwater catchment systems.

Three sites for these rainfall jars were selected based on the severity of the VOG impact during normal wind conditions. These locations were fire stations at Hawaiian Oceanview Estates (HOVE), Kilauea Military Camp (KMC), and Laupahoehoe. 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 VOG impact on public water systems.

Safe Drinking Water Information System (SDWIS/State)

The SDWB successfully improved its electronic data exchange system for direct exchange of EPA and state data by conversion of its former software applications FedRep and SDWIS-State version 8 to web based applications FedRep 3.0 and SDWIS-State 2.0. Neighbor island and Oahu staff have been trained to enter water system microbiological data into SDWIS. This is a first step in consolidating all forms of data into a single database.

Capacity Development Program

The Branch revised its pre-construction and startup capacity evaluation guidance for the first time since October 2001, drawing on the lessons learned on past and existing projects, as well as providing more specific guidance to prospective water systems on how to better address technical, managerial, and financial (TMF) capacity issues in today's challenging economic and regulatory climate.

Circuit Rider Program

The circuit rider program managed by the SDWB requires that an individual experienced in water system operation visit privately owned small water systems on a periodic basis. The Safe Drinking Water Branch has successfully developed a second five-year contract for the circuit rider program beginning in October 2009. Originally covering privately-owned water systems serving under 3,300 persons, the contract was subsequently expanded to double the number of circuit rider visits per quarter, and allow circuit rider assistance to all systems statewide (except for systems serving over 10,000 people), resulting in an increased awareness of technical, managerial, and financial (TMF) needs statewide and a higher level of regulatory and compliance understanding by the assisted water systems.

The circuit rider program provides a variety of services as follows:

- Assist water system operators in correcting any operational problems.
- Train operators on how to prevent contamination of their water source(s) and storage tank(s).

- Help managers understand the drinking water regulations.
- Help prepare new water system operators for the national certification examination.
- Provide assistance to improve the capacity of the system.

Safe Drinking Water Branch staff has noted positive results when performing sanitary surveys of water systems previously visited by the circuit rider.

Continuing Education Program for Drinking Water System Operators

The Safe Drinking Water Branch worked with the University of Hawai'i's Outreach College to develop and implement a long-term continuing educational training program for drinking water system operators throughout the state so water system operators may maintain their certification. The program concluded in the fall of 2008 with two courses being offered for a total of 8.5 contact hours on the island of Oahu.

SDWB also worked with the National Rural Water Association to develop a Series of certification training courses that was offered on Oahu, Kauai, Molokai, Maui, and Hawai'i, both Kona and Hilo. Fourteen courses, each with 3 contact hours and two courses with 6 contact hours each, were offered at every site for nine months.

Finally, math review study guides for both water treatment plant operators and distribution system operators were created to help applicants prepare for certification examinations. This was prepared in an effort to raise passing rates on the examinations.

SOLID AND HAZARDOUS WASTE BRANCH WASTE MANAGEMENT RECYCLING, MONITORING, AND PERMITTING IMPROVED

Used Oil Management and Recycling

The Solid and Hazardous Waste Branch (SHWB) provides oversight of contaminated facilities undergoing ground water monitoring (Chevron Refinery, Tesoro Refinery, Hawai'ian Western Steel, and Chemwood). The Department receives between 3-4 applications annually for used oil facilities. Renewal of expiring permits is ongoing. Non-permitted used oil handlers are usually

identified through complaints and during hazardous waste inspections.

Special Waste Management

SHWB staff is responsible for permitting and monitoring activities over a wide range of special waste management facilities including petroleum contaminated soil (PCS) remediation facilities. Another major focus is the permitting and oversight of Auto Salvage facilities where a

primary concern is the proper management of gasoline, oil and other automotive fluids removed from the vehicles. Currently the Engineer has responsibility for more than 27 permitted entities, which deal directly or indirectly with oil related issues.

Management of Leaking Underground Storage Tank Sites

The SHWB total number of active Leaking Underground Storage Tank (LUST) sites is 197. The Environmental Health Specialist (EHS) III has an active caseload of 57 LUST sites at this time and provides project oversight to all remedial efforts of his cases. The EHS IV provides team unit leadership for three other EHS III staff. The EHS IV also works on additional active LUST sites. An appropriate ceiling of \$200,000 was included in the FY 2009 for cleanup activities utilizing the State Leaking Underground Storage Tank (LUST) Trust Fund.

Inspection of Underground Storage Tank Facilities

SHWB staff continues to conduct 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.

The field citation is similar to a traffic ticket and is issued for easily verifiable and correctable violations. The citation penalty amounts are lower than traditional enforcement tools. Citations are usually issued in the field at the time of an inspection. The owner or operator must return to compliance and pay the penalty within 30 days of issuance of the citation.

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.

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. Since July 2009, the Hazardous Waste Section has received and responded to 20 used oil related complaints.

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LIST OF HAWAII SITES ELIGIBLE FOR REMEDIAL ACTION UNDER THE EPA'S CERCLA

Chapter 128D, HRS, Environmental Response Law requires that the department publish a listing to identify Hawaii sites eligible for remedial action under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA).

There are currently three sites in Hawaii listed on EPA's CERCLA National Priority List (NPL) for cleanup. Schofield Barracks was de-listed on August 10, 2000.

List of NPL Sites - FY 2009

	<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 is a list of 10 sites initially evaluated under the EPA Preliminary Assessment/Site Inspection (PA/SI) Program that qualified for possible listing on the NPL. Through an agreement between the state and EPA oversight of these properties has been transferred to DOH. Sites actively managed by the HEER Office are listed in the Hawaii SRP List of Sites on the following page.

List of Sites for Possible Listing Under EPA CERCLA - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Facility/Site Name</u>
1.	Maui	Kaului	Kanaha Pond Industrial West Site
2.	Oahu	Waialua	Waialua Sugar Company Inc and Waialua Sugar Mill Settling Ponds
3.	Kauai	Kekaha	Kekaha Sugar Mill
4.	Oahu	Kailua	Kapaa Landfill - Kapaa Quarry Road
5.	Oahu	Honolulu	Kapalama Incinerator and Kapalama Incinerator Off Site Contamination
6.	Molokai	West Molokai	Kalamaula Landfill
7.	Hawaii	Hilo	Hawaii Cane Products Plant - Waiakea Pond
8.	Oahu	Kailua	Honolulu Skeet Club
9.	Kauai	Puhi	Brewer Environmental Industries-Kaumualii Highway
10.	Oahu	Honolulu	Pukoloa Wood Treating Site

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HAWAII STATE RESPONSE PROGRAM SITE LIST

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.

The DOH Hawai'i State Response Program List of Sites shows 893 sites with potential or known hazardous substance or petroleum contamination. Eighty-seven sites were determined to require No Further Action (NFA). Twenty-six of these closed sites have some residual contamination on site after cleanup that can be safely managed with use restrictions. HEER Office Remedial Project Managers (RPMs) continue active oversight on 806 assessment and response actions. Eleven of these sites are PCB cleanups conducted under the Toxic Substances Control Act (TSCA), being overseen by USEPA.

Summary data presented in this section for the Hawai'i State Response Program (SRP) includes all Hawai'i sites identified for non-emergency response actions during FY 2009 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. Hawai'i Brownfields Revitalization Sites (Brownfields),
3. Hawai'i Voluntary Response Program (VRP) Sites,
4. EPA Preliminary Assessment/Site Inspection (PA/SI) Sites,
5. EPA Toxic Substance Control Act (TSCA) sites, and
6. 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.

FY 2009 Response Program Activity Summary

Number of Sites	Program Category	Program Action	Site Status			
			High Priority	Medium Priority	Low Priority	Remedy Complete
387	State	Assessment Response	- 20	17 53	187 84	6 19
18	Brownfields	Assessment Response	- 2	2 4	7 2	1 -
10	VRP	Assessment Response	2 5	- 1	- 1	- 1
34	EPA PA/SI	Assessment Response	- -	6 4	8 3	11 2
12	EPA TSCA	Assessment Response	- -	1 5	3 3	- -
432	DSMOA	Assessment Response	26 28	11 45	13 237	27 20
		Remedy Selected (26 sites)*	9	12	5	
893	Totals		92	161	553	87

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

The Hawai'i SRP List of Sites is sorted in order of Island, Locality, the Program Area, and the Facility/Site Name. The site Priority, Action and Potential Hazard are also 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).

Separate lists are presented. The Hawai'i State Response Program List of Sites lists 461 active sites under direct DOH oversight in the various State programs. The Department of Defense Program List of Sites lists an additional active 432 sites that are co-managed by DOH and DOD under CERCLA and HRS 128D authorities.

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
1.	Hawaii	Hakalau	PA/SI	Hakalau Sugar Plantation	Medium	Response	Hazard Present
2.	Hawaii	Hamakua	State	Agent Orange Application	Low	Assessment	Hazard Undetermined
3.	Hawaii	Hilo	State	187 Silva Street	Medium	Response	Hazard Present
4.	Hawaii	Hilo	State	Alamo Rent A Car, Hilo International Airport	Low	Assessment	Hazard Undetermined
5.	Hawaii	Hilo	State	Aloha Petroleum Hilo Bulk Plant	Low	Assessment	Hazard Undetermined
6.	Hawaii	Hilo	State	Big Island Asphalt Co Inc	High	Response	Hazard Present
7.	Hawaii	Hilo	State	Equilon Enterprises LLC - Hilo Terminal (Shell Oil Co)	Low	Response	Hazard Present
8.	Hawaii	Hilo	State	Hatada Bakery (Former)	Low	Response	Hazard Managed With Institutional Controls
9.	Hawaii	Hilo	State	Hawaii Cane Products Plant - Waiakea Pond	High	Response	Hazard Present
10.	Hawaii	Hilo	State	Hawaii Pest Control	Low	Response	Hazard Present
11.	Hawaii	Hilo	PA/SI	Hawaiian Sugar Planters' Association - Wainaku Experiment Station	NFA	Assessment	No Hazard
12.	Hawaii	Hilo	State	HELCO Pipeline Release Hualani Hilo	Low	Assessment	Hazard Undetermined
13.	Hawaii	Hilo	State	HIANG Hilo Building 702 Hydraulic Hoist	Low	Assessment	Hazard Undetermined
14.	Hawaii	Hilo	State	Hilo Quality Washerette	Low	Response	Hazard Managed With Institutional Controls
15.	Hawaii	Hilo	Brownfields	Hilo Rubbish Dump	Low	Assessment	Hazard Undetermined
16.	Hawaii	Hilo	State	Hilo Safeway/Target	High	Response	Hazard Present

LIST OF HAWAII STATE RESPONSE PROGRAM SITES

<u>Hawai'i State Response Program List of Sites - FY 2009</u>							
	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
17.	Hawaii	Hilo	State	Hilo Terminal 666 Kalaniana'ole Avenue	Low	Assessment	Hazard Undetermined
18.	Hawaii	Hilo	Brownfields	Kanoelehua Industrial Warehouse	Low	Assessment	Hazard Undetermined
19.	Hawaii	Hilo	State	Kawailani Central Office	Medium	Assessment	Hazard Undetermined
20.	Hawaii	Hilo	State	Keaukaha Military Reservation Container Disposal	Low	Assessment	Hazard Undetermined
21.	Hawaii	Hilo	State	Larry's Waiakea Chevron	Medium	Response	Hazard Present
22.	Hawaii	Hilo	PA/SI	Mauna Kea Sugar - Onomea Seed Dipping Area	Low	Assessment	Hazard Undetermined
23.	Hawaii	Hilo	State	Mauna Kea Sugar Company - Hilo Sugar Pesticide Mixing Area	Medium	Response	Hazard Present
24.	Hawaii	Hilo	State	Tesoro Hawaii Corporation Terminal Department - 595 Kalaniana'ole	Medium	Assessment	Hazard Undetermined
25.	Hawaii	Hilo	State	Tesoro Hawaii Corporation Terminal Department - 607 Kalaniana'ole	Low	Response	Hazard Present
26.	Hawaii	Honokaa	State	DOH Honokaa	Low	Assessment	Hazard Undetermined
27.	Hawaii	Honokaa	PA/SI	Hamakua Sugar Company Inc - Honokaa Airstrip	NFA	Assessment	No Hazard
28.	Hawaii	Honokaa	PA/SI	Hamakua Sugar Company Inc - Kawela Pesticide Mixing Area	Low	Response	Hazard Undetermined

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
29.	Hawaii	Honokaa	State	Honokaa Medical Center Wastewater Treatment Plant	Low	Assessment	Hazard Present
30.	Hawaii	Kailua-Kona	State	Big Island Honda Mercedes Dealership	NFA	Response	Hazard Managed With Institutional Controls
31.	Hawaii	Kailua-Kona	State	Hawaii Petroleum-Kona Branch (Kona Warehouse & Cardlock)	Low	Assessment	Hazard Undetermined
32.	Hawaii	Kailua-Kona	State	Honokohau Industrial Park-Lower Boat Park Soil Contamination	Low	Assessment	Hazard Undetermined
33.	Hawaii	Kailua-Kona	State	Kona Village Resort	NFA	Response	Hazard Managed With Institutional Controls
34.	Hawaii	Kailua-Kona	State	Kuakini Chevron Food Mart	NFA	Assessment	No Hazard
35.	Hawaii	Kamuela	State	Kamuela Baseyard	Low	Assessment	Hazard Undetermined
36.	Hawaii	Kamuela	State	Waimea Quarry	Low	Response	Hazard Undetermined
37.	Hawaii	Kawaihae	State	Kawaihae Harbor Pier 2 Dry Well	Low	Response	Hazard Present
38.	Hawaii	Kawaihae	State	Kawaihae Harbor Pier 2A Shed Demolition	Low	Assessment	Hazard Undetermined
39.	Hawaii	Kawaihae	State	TOSCO Corporation-Kawaihae Terminal #0317	Low	Assessment	Hazard Present
40.	Hawaii	Keaau	State	Keaau Hotel Site	High	Response	Hazard Managed With Engineering Controls
41.	Hawaii	Keaau	State	Keaau Middle School	Medium	Response	Hazard Managed With Institutional Controls
42.	Hawaii	Keaau	State	Keaau Paho Road 118 Acre Parcel	Medium	Response	Hazard Present

LIST OF HAWAII STATE RESPONSE PROGRAM SITES

<u>Hawai'i State Response Program List of Sites - FY 2009</u>							
	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
43.	Hawaii	Keaau	State	Keaau Triangle Lot	Medium	Response	Hazard Present
44.	Hawaii	Keaau	PA/SI	Puna Sugar Mill	Medium	Assessment	Hazard Undetermined
45.	Hawaii	Keauhou	State	Keauhou Mechanics Yard	Low	Assessment	Hazard Undetermined
46.	Hawaii	Kohala	State	Kohala Public Library	NFA	Assessment	No Hazard
47.	Hawaii	Kohala	State	Kohala Sugar Company	Medium	Assessment	Hazard Present
48.	Hawaii	Laupahoehoe	PA/SI	Hamakua Sugar Company, Inc - Papaaloa Pesticide Mixing Area	Low	Assessment	Hazard Undetermined
49.	Hawaii	Naalehu	State	Hawaii Petroleum Distributors, Inc 200 Gallon Fuel Spill	Low	Assessment	Hazard Undetermined
50.	Hawaii	Ookala	Brownfields	Ookala Gym and Ball Park	Low	Assessment	Hazard Present
51.	Hawaii	Paauhau	PA/SI	Hamakua Sugar Company, Inc - Paauhau Sugar Mill	Medium	Response	Hazard Present
52.	Hawaii	Paauilo	PA/SI	Hamakua Sugar Company, Inc - Paauilo Seed Dipping Plant	NFA	Assessment	No Hazard
53.	Hawaii	Paauilo	PA/SI	Hamakua Sugar Company, Inc - Paauilo Sugar Mill	NFA	Assessment	No Hazard
54.	Hawaii	Paauilo	PA/SI	Hawaiian Sugar Planters' Association Research Station - Paauilo	Low	Assessment	Hazard Undetermined
55.	Hawaii	Paauilo	State	Mauna Kea Ranch Overspill Spillage	Low	Assessment	Hazard Undetermined
56.	Hawaii	Pahala	PA/SI	Ka'u Agribusiness - Seed Dipping Areas	NFA	Assessment	No Hazard
57.	Hawaii	Pahala	State	Kau Sugar Mill	Medium	Response	Hazard Present

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
58.	Hawaii	Pahala	State	ML Macadamia Orchards, LP (Kau Div)	High	Response	Hazard Managed With Engineering Controls
59.	Hawaii	Papaikou	PA/SI	Hamakua Sugar Company, Inc - Papaikou	Low	Assessment	Hazard Undetermined
60.	Hawaii	Pepeekeo	State	Black Oil and Drum Sites	Low	Response	Hazard Present
61.	Hawaii	Pepeekeo	State	Hilo Coast Power Company Diesel Fuel Storage Tank	Low	Assessment	Hazard Undetermined
62.	Hawaii	Pepeekeo	State	Petroleum Impacted Soil Downslope of Former HCPC Maintenance Garage	Medium	Response	Hazard Present
63.	Hawaii	South Kona	State	Kamehameha Schools Estoy Property	Medium	Response	Hazard Present
64.	Hawaii	Volcano	State	Hawaii Volcanoes National Park Aboveground Storage Tank	Low	Assessment	Hazard Undetermined
65.	Hawaii	Volcano	State	Hawaii Volcanoes National Park Building 223 Auto Shop Wash Basin Leach Field	NFA	Response	No Hazard
66.	Hawaii	Waiakea Uka	State	Waiakea Upland Arsenic Site	Medium	Assessment	Hazard Present
67.	Hawaii	Waipunalei	PA/SI	Hamakua Sugar Company, Inc - Waipunalei	Medium	Assessment	Hazard Managed With Institutional Controls
68.	Kauai	Barking Sands	State	Kauai Test Facility	Low	Response	Hazard Present
69.	Kauai	Ele'ele	State	UST Release at Port Allen	Low	Response	Hazard Present
70.	Kauai	Hanapepe	State	Sakoda Garage	Low	Response	Hazard Present
71.	Kauai	Kalaheo	State	Kalaheo Elementary Phase 1	Low	Assessment	Hazard Undetermined

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
72.	Kauai	Kapaa	State	Leonard's, Inc	Low	Assessment	Hazard Undetermined
73.	Kauai	Kapaa	State	Wailua Homestead Wells 0421-01& 02	Low	Assessment	Hazard Undetermined
74.	Kauai	Kekaha	State	HIANG Kekaha	Low	Assessment	Hazard Undetermined
75.	Kauai	Kekaha	State	Kekaha Sugar Co, Ltd	Low	Response	Hazard Present
76.	Kauai	Kekaha	State	Kekaha Sugar Co, Ltd - Kekaha Wood Treatment Plant	Medium	Response	Hazard Managed With Engineering Controls
77.	Kauai	Lawai	PA/SI	Lawai Valley Cannery	Low	Assessment	Hazard Undetermined
78.	Kauai	Lihue	State	Former Ahukini Dump	Medium	Response	Hazard Present
79.	Kauai	Lihue	State	Koamalu Plantation LLC Condominium	Medium	Assessment	Hazard Undetermined
80.	Kauai	Lihue	Brownfields	Lihue Plantation Co, Ltd	High	Response	Hazard Present
81.	Kauai	Lihue	PA/SI	Lihue Plantation Co, Ltd - Lihue Sugar Mill and Power Plant	Medium	Assessment	Hazard Undetermined
82.	Kauai	Lihue	State	Nawiliwili Fuel Distribution Terminal	Low	Response	Hazard Undetermined
83.	Kauai	Lihue	State	Nawiliwili Harbor Pier 1 Fuel Contamination	Low	Assessment	Hazard Undetermined
84.	Kauai	Lihue	State	Nawiliwili Harbor Pier 2 Oil Spill	Low	Assessment	Hazard Undetermined
85.	Kauai	Lihue	State	Nawiliwili Harbor Pier 3 Bollard Foundation Construction	Low	Assessment	Hazard Undetermined
86.	Kauai	Lihue	State	Nawiliwili Harbor Pier 3 Improvements	Low	Response	Hazard Present

LIST OF HAWAII STATE RESPONSE PROGRAM SITES

<u>Hawai'i State Response Program List of Sites - FY 2009</u>							
	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
87.	Kauai	Puhi	State	Brewer Environmental Industries-Kaumualii Highway	High	Response	Hazard Managed With Engineering Controls
88.	Kauai	Wailua	State	Coco Palms Sewage Pump Station	Low	Assessment	Hazard Undetermined
89.	Kauai	Wailua	State	Kauai Agricultural Research Center (Agent Orange/Pesticide Sites)	Low	Response	Hazard Present
90.	Kauai	Waimea	PA/SI	Kokee Air Force Station	Low	Response	Hazard Present
91.	Kauai	Waimea	State	Meadow Gold Dairies, Inc-Waimea	Low	Response	Hazard Present
92.	Kauai	Waimea	State	Navy MFH PMRF Barking Sands	Low	Assessment	Hazard Undetermined
93.	Kauai	Waimea	State	Waimea Hospital Property	Low	Assessment	Hazard Undetermined
94.	Kure Atoll	Kure Atoll	State	Kure Atoll, U.S. Coast Guard	High	Response	Hazard Managed With Engineering Controls
95.	Lanai	Lanai City	State	Lanai High and Elementary School	Medium	Assessment	Hazard Undetermined
96.	Maui	Haliimaile	State	Maui Pineapple Co Ltd, Haliimaile Road	Low	Assessment	Hazard Undetermined
97.	Maui	Kahului	State	Alii Linen Service (fka Snow White Linen)	Low	Response	Hazard Managed With Engineering Controls
98.	Maui	Kahului	State	Bird Builders	Medium	Response	Hazard Present
99.	Maui	Kahului	State	Central Power Plant Electrical Substation and Transformer Storage Yard	Medium	Assessment	Hazard Undetermined
100.	Maui	Kahului	State	Fong Construction	Low	Assessment	Hazard Undetermined
101.	Maui	Kahului	State	Hawaii Wood Preserving Co.	NFA	Response	No Hazard

LIST OF HAWAII STATE RESPONSE PROGRAM SITES

<u>Hawai'i State Response Program List of Sites - FY 2009</u>							
	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
102.	Maui	Kahului	State	HIANG Kahului	Low	Assessment	Hazard Undetermined
103.	Maui	Kahului	State	Hobron Ave Area (Kahului)	Low	Response	Hazard Present
104.	Maui	Kahului	State	Kahului Fuel Distribution Terminal	Low	Response	Hazard Present
105.	Maui	Kahului	State	Kahului Terminal	Low	Response	Hazard Present
106.	Maui	Kahului	PA/SI	Kanaha Pond Industrial Site	Low	Response	Hazard Undetermined
107.	Maui	Kahului	PA/SI	Kanaha Pond Industrial West Site	Medium	Assessment	Hazard Present
108.	Maui	Kahului	TSCA	Maui Well No. 5	Medium	Assessment	Hazard Present
109.	Maui	Kahului	State	MECO Pole-Mount Transformer No. 6930	Low	Assessment	Hazard Undetermined
110.	Maui	Kahului	TSCA	MECO Transformer 3357	Medium	Response	Hazard Undetermined
111.	Maui	Kahului	State	Sears Auto Center	Low	Assessment	Hazard Undetermined
112.	Maui	Kahului	State	VIP Warehouse	Low	Assessment	Hazard Present
113.	Maui	Kihei	State	Selland Construction Inc, Kihei Base Yard	Low	Response	Hazard Undetermined
114.	Maui	Lahaina	PA/SI	Kamehameha Schools Lahainaluna Road Transformers	NFA	Assessment	No Hazard
115.	Maui	Lahaina	PA/SI	Launiupoko Transformer	NFA	Assessment	No Hazard
116.	Maui	Lahaina	State	MECO submersible Transformer No. 4726	Low	Assessment	Hazard Undetermined
117.	Maui	Lahaina	State	MECO Transformer Site	Low	Response	Hazard Undetermined
118.	Maui	Lahaina	PA/SI	Puukolii Old Pioneer Mill Transformers	NFA	Assessment	No Hazard

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
119.	Maui	Lahaina	State	Shaw Street Old Pioneer Mill Transformers	Low	Response	Hazard Present
120.	Maui	Makawao	TSCA	MECO Transformer 3633	Medium	Response	Hazard Undetermined
121.	Maui	Olowalu	PA/SI	Luawai Road Transformer	Low	Assessment	Hazard Undetermined
122.	Maui	Olowalu	PA/SI	Olowalu Shaft Transformer Substation	NFA	Assessment	No Hazard
123.	Maui	Paia	PA/SI	Paia Sugar Mill	Medium	Assessment	Hazard Undetermined
124.	Maui	Pukalani	VRP	Maui Pineapple Co Ltd, Corn Mill Camp	High	Assessment	Hazard Present
125.	Maui	Puunene	State	Maui Wood Treating Co Ltd	Low	Assessment	Hazard Undetermined
126.	Maui	Puunene	State	Old Puunene Airport Soil Contamination	Medium	Assessment	Hazard Undetermined
127.	Maui	Wailuku	PA/SI	Maui Disposal	Medium	Response	Hazard Present
128.	Maui	Wailuku	TSCA	MECO Transformer 3358	Medium	Response	Hazard Undetermined
129.	Maui	Wailuku	TSCA	MECO Transformer 7597	Low	Assessment	Hazard Undetermined
130.	Maui	Wailuku	State	Organizational Maintenance Shop #3 (OMS #3)	Low	Assessment	Hazard Undetermined
131.	Maui	Wailuku	State	Waiale Ash Pile	Low	Response	Hazard Present
132.	Molokai	Hoolehua	State	Grace Pacific Corporation Manawainui, Molokai Facility	Low	Response	Hazard Present
133.	Molokai	Kanunakakai	State	Kalamaula Landfill	Medium	Assessment	Hazard Managed With Engineering Controls
134.	Molokai	Kaunakakai	State	Hawaiian Eye Center	Low	Assessment	Hazard Undetermined
135.	Molokai	Kaunakakai	State	Island Petroleum, Inc (Kaunakakai Terminal)	Low	Response	Hazard Undetermined

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
136.	Molokai	Kaunakakai	State	Molokai Community Service Center	Medium	Response	Hazard Present
137.	Molokai	Maunaloa	PA/SI	Molokai Ranch Pineapple Pesticide and Maintenance Operations	Medium	Assessment	Hazard Undetermined
138.	Oahu	Aiea	State	Aiea Stream	Low	Response	Hazard Managed With Engineering Controls
139.	Oahu	Aiea	State	Grace Pacific Corporation - Halawa Valley Street	Low	Response	Hazard Present
140.	Oahu	Aiea	State	Hawaii Baking Company	Low	Assessment	Hazard Undetermined
141.	Oahu	Aiea	State	HECO Transformer 52091	Low	Assessment	Hazard Undetermined
142.	Oahu	Aiea	State	Navy MFH Halawa	Low	Assessment	Hazard Undetermined
143.	Oahu	Aiea	State	Navy MFH McGrew Point	Low	Assessment	Hazard Undetermined
144.	Oahu	Aiea	State	Sears Facility #1578 at Pearlridge Mall Hydraulic Hoist	Low	Response	Hazard Managed With Engineering Controls
145.	Oahu	Camp Smith	State	Marines MFH Camp Smith	Low	Assessment	Hazard Undetermined
146.	Oahu	Ewa	NPL	Del Monte Corp (Oahu Plantation)	Low	Response	Hazard Managed With Engineering Controls
147.	Oahu	Ewa	PA/SI	Ewa Makai Middle School	NFA	Assessment	No Hazard
148.	Oahu	Ewa	Brownfields	Ewa Mill Manager's Mansion and Three-House Camp	Low	Response	Hazard Undetermined
149.	Oahu	Ewa	Brownfields	Waipahu Garden Center	Low	Assessment	Hazard Undetermined
150.	Oahu	Ewa Beach	State	East Kapolei Pesticide Mixing/Loading Site	High	Response	Hazard Managed With Engineering Controls

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
151.	Oahu	Ewa Beach	State	Leeward Auto Wreckers, Inc	Low	Assessment	Hazard Undetermined
152.	Oahu	Ewa Beach	State	Palailai Landfill	High	Response	Hazard Managed With Engineering Controls
153.	Oahu	Ewa Sugar Mill	Brownfields	Ewa Green Village Park	Low	Assessment	Hazard Undetermined
154.	Oahu	Fort Shafter	State	Army MFH FS Funston Village	Low	Assessment	Hazard Undetermined
155.	Oahu	Fort Shafter	State	Army MFH FS Hauoli Heights North	Low	Assessment	Hazard Undetermined
156.	Oahu	Fort Shafter	State	Army MFH FS Hauoli Heights South	Low	Response	Hazard Managed With Engineering Controls
157.	Oahu	Fort Shafter	State	Army MFH FS Palm Circle	Low	Assessment	Hazard Undetermined
158.	Oahu	Fort Shafter	State	Army MFH FS Radar Hill	Low	Response	Hazard Managed With Engineering Controls
159.	Oahu	Fort Shafter	State	Army MFH FS Rice Manor	Low	Assessment	Hazard Undetermined
160.	Oahu	Fort Shafter	State	Army MFH FS Simpson-Wisser Community Center	Low	Response	Hazard Managed With Engineering Controls
161.	Oahu	Fort Shafter	State	Army MFH FS Simpson-Wisser Neighborhood	Low	Response	Hazard Managed With Engineering Controls
162.	Oahu	Haleiwa	State	Haleiwa Chevron Service Station	Low	Response	Hazard Undetermined
163.	Oahu	Haleiwa	State	Twin Bridge Road Drum Dumping-Haleiwa	Low	Response	Hazard Undetermined
164.	Oahu	Helemano MR	State	Army MFH HMR Kalapana	Low	Assessment	Hazard Undetermined
165.	Oahu	Helemano MR	State	Army MFH HMR Kekona	Low	Assessment	Hazard Undetermined
166.	Oahu	Helemano MR	State	Army MFH HMR Kuapale	Low	Assessment	Hazard Undetermined
167.	Oahu	Hickam AFB	State	Air Force MFH HAFB CGO/FGO Minor Renovation	Low	Assessment	Hazard Undetermined

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
168.	Oahu	Hickam AFB	State	Air Force MFH HAFB Challenger Loop Minor Renovations	Low	Assessment	Hazard Undetermined
169.	Oahu	Hickam AFB	State	Air Force MFH HAFB Earhart Minor Renovations	Low	Assessment	Hazard Undetermined
170.	Oahu	Hickam AFB	State	Air Force MFH HAFB Earhart Phase I-1	Low	Assessment	Hazard Undetermined
171.	Oahu	Hickam AFB	State	Air Force MFH HAFB Earhart Phase I-2	Low	Assessment	Hazard Undetermined
172.	Oahu	Hickam AFB	State	Air Force MFH HAFB Earhart Phase I-3	Low	Assessment	Hazard Undetermined
173.	Oahu	Hickam AFB	State	Air Force MFH HAFB Earhart Phase I-4	Low	Assessment	Hazard Undetermined
174.	Oahu	Hickam AFB	State	Air Force MFH HAFB Earhart Village Park Phase II-1	Low	Assessment	Hazard Undetermined
175.	Oahu	Hickam AFB	State	Air Force MFH HAFB Earhart Village Park Phase II-4	Low	Assessment	Hazard Undetermined
176.	Oahu	Hickam AFB	State	Air Force MFH HAFB FGO Block 01	Low	Assessment	Hazard Undetermined
177.	Oahu	Hickam AFB	State	Air Force MFH HAFB FGO Block 02	Low	Assessment	Hazard Undetermined
178.	Oahu	Hickam AFB	State	Air Force MFH HAFB FGO Block 03	Low	Assessment	Hazard Undetermined
179.	Oahu	Hickam AFB	State	Air Force MFH HAFB FGO Block 04	Low	Assessment	Hazard Undetermined
180.	Oahu	Hickam AFB	State	Air Force MFH HAFB FGO Block 05	Low	Assessment	Hazard Undetermined
181.	Oahu	Hickam AFB	State	Air Force MFH HAFB FGO Block 06	Low	Assessment	Hazard Undetermined
182.	Oahu	Hickam AFB	State	Air Force MFH HAFB FGO Block 07	Low	Assessment	Hazard Undetermined

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
183.	Oahu	Hickam AFB	State	Air Force MFH HAFB FGO Block 08	Low	Assessment	Hazard Undetermined
184.	Oahu	Hickam AFB	State	Air Force MFH HAFB FGO Block 08 South	Low	Assessment	Hazard Undetermined
185.	Oahu	Hickam AFB	State	Air Force MFH HAFB FGO Block 09	Low	Assessment	Hazard Undetermined
186.	Oahu	Hickam AFB	State	Air Force MFH HAFB FGO Block 10	Low	Assessment	Hazard Undetermined
187.	Oahu	Hickam AFB	State	Air Force MFH HAFB FGO Block 11	Low	Assessment	Hazard Undetermined
188.	Oahu	Hickam AFB	State	Air Force MFH HAFB GO/SO Historic Renovations	Low	Assessment	Hazard Undetermined
189.	Oahu	Hickam AFB	State	Air Force MFH HAFB Hale Na Koa Minor Renovations	Low	Assessment	Hazard Undetermined
190.	Oahu	Hickam AFB	State	Air Force MFH HAFB Hale Na Koa Phase I-1	Low	Assessment	Hazard Undetermined
191.	Oahu	Hickam AFB	State	Air Force MFH HAFB Hickam Field NCO Area	Low	Assessment	Hazard Undetermined
192.	Oahu	Hickam AFB	State	Air Force MFH HAFB Hickam Field Officer Area	Low	Assessment	Hazard Undetermined
193.	Oahu	Hickam AFB	State	Air Force MFH HAFB JNCO Block 01	Low	Assessment	Hazard Undetermined
194.	Oahu	Hickam AFB	State	Air Force MFH HAFB JNCO Block 02	Low	Assessment	Hazard Undetermined
195.	Oahu	Hickam AFB	State	Air Force MFH HAFB JNCO Block 03	Low	Assessment	Hazard Undetermined
196.	Oahu	Hickam AFB	State	Air Force MFH HAFB JNCO Block 04	Low	Assessment	Hazard Undetermined
197.	Oahu	Hickam AFB	State	Air Force MFH HAFB JNCO Block 05	Low	Assessment	Hazard Undetermined

LIST OF HAWAII STATE RESPONSE PROGRAM SITES

<u>Hawai'i State Response Program List of Sites - FY 2009</u>							
	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
198.	Oahu	Hickam AFB	State	Air Force MFH HAFB JNCO Block 06	Low	Assessment	Hazard Undetermined
199.	Oahu	Hickam AFB	State	Air Force MFH HAFB JNCO Block 07	Low	Assessment	Hazard Undetermined
200.	Oahu	Hickam AFB	State	Air Force MFH HAFB JNCO Block 08	Low	Assessment	Hazard Undetermined
201.	Oahu	Hickam AFB	State	Air Force MFH HAFB JNCO Block 09	Low	Assessment	Hazard Undetermined
202.	Oahu	Hickam AFB	State	Air Force MFH HAFB JNCO Block 10	Low	Assessment	Hazard Undetermined
203.	Oahu	Hickam AFB	State	Air Force MFH HAFB Onizuka Village Phase II- 1	Low	Assessment	Hazard Undetermined
204.	Oahu	Hickam AFB	State	Air Force MFH HAFB Onizuka Village Phase II- 2	Low	Assessment	Hazard Undetermined
205.	Oahu	Hickam AFB	State	Air Force MFH HAFB Onizuka Village Phase II- 3	Low	Assessment	Hazard Undetermined
206.	Oahu	Hickam AFB	State	Air Force MFH HAFB SNCO Block 1	Low	Assessment	Hazard Undetermined
207.	Oahu	Hickam AFB	State	Air Force MFH HAFB SNCO Block 2	Low	Assessment	Hazard Undetermined
208.	Oahu	Hickam AFB	State	Air Force MFH HAFB SNCO Block 3	Low	Assessment	Hazard Undetermined
209.	Oahu	Hickam AFB	State	Air Force MFH HAFB SO Minor Renovation	Low	Assessment	Hazard Undetermined
210.	Oahu	Honolulu	State	158 Sand Island Access Rd	Medium	Response	Hazard Present
211.	Oahu	Honolulu	State	180 Sand Island Access Rd	Medium	Response	Hazard Present
212.	Oahu	Honolulu	State	2135 Auiki St	Medium	Response	Hazard Present
213.	Oahu	Honolulu	State	218 Mohonua Place	Medium	Response	Hazard Present
214.	Oahu	Honolulu	State	2250 Pahounui Drive	Medium	Response	Hazard Present

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
215.	Oahu	Honolulu	State	373 North Nimitz Highway	Medium	Response	Hazard Present
216.	Oahu	Honolulu	State	420-470 North Nimitz Highway	Low	Response	Hazard Managed With Engineering Controls
217.	Oahu	Honolulu	State	580 North Nimitz Highway	Low	Response	Hazard Managed With Engineering Controls
218.	Oahu	Honolulu	State	595 Ala Moana Black Oil Pipeline	Low	Assessment	Hazard Undetermined
219.	Oahu	Honolulu	State	700 N Nimitz IDPP Release	Medium	Response	Hazard Managed With Engineering Controls
220.	Oahu	Honolulu	State	755 N Nimitz Hwy	Medium	Response	Hazard Managed With Engineering Controls
221.	Oahu	Honolulu	State	775 North Nimitz Highway	Medium	Response	Hazard Managed With Engineering Controls
222.	Oahu	Honolulu	State	Ala Wai Cove Condominium Apartments	Low	Assessment	Hazard Undetermined
223.	Oahu	Honolulu	State	Aliamanu Residential	Low	Assessment	Hazard Undetermined
224.	Oahu	Honolulu	State	Alii #3282	Medium	Response	Hazard Present
225.	Oahu	Honolulu	State	Allstate Industrial & Marine Cleaning, Inc.	Low	Response	Hazard Present
226.	Oahu	Honolulu	State	Aloha 7-Eleven City Square	Low	Assessment	Hazard Undetermined
227.	Oahu	Honolulu	State	Aloha Petroleum Terminal	Medium	Response	Hazard Present
228.	Oahu	Honolulu	VRP	Aloha/King Self Storage	High	Response	Hazard Managed With Engineering Controls
229.	Oahu	Honolulu	State	ARCO AM/PM #82102 (Texaco 61-100-0043)	Low	Response	Hazard Undetermined
230.	Oahu	Honolulu	State	ARCO AM/PM #82111 (Texaco 61-100-0045)	NFA	Response	Hazard Managed With Engineering Controls

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
231.	Oahu	Honolulu	State	Army MFH AMR Ama	NFA	Assessment	No Hazard
232.	Oahu	Honolulu	State	Army MFH AMR Bougainville	Low	Response	Hazard Managed With Engineering Controls
233.	Oahu	Honolulu	State	Army MFH AMR Hibiscus	Low	Assessment	Hazard Undetermined
234.	Oahu	Honolulu	State	Army MFH AMR Makai View	Low	Response	Hazard Managed With Engineering Controls
235.	Oahu	Honolulu	State	Army MFH AMR Plumeria	Low	Response	Hazard Managed With Engineering Controls
236.	Oahu	Honolulu	State	Army MFH AMR Rim Loop	Low	Assessment	Hazard Undetermined
237.	Oahu	Honolulu	State	Army MFH AMR Skyview	Low	Response	Hazard Managed With Engineering Controls
238.	Oahu	Honolulu	State	Army MFH AMR Valley View	Low	Assessment	Hazard Undetermined
239.	Oahu	Honolulu	State	BHP Gasco Benzene Site	High	Response	Hazard Present
240.	Oahu	Honolulu	VRP	Brewer Environmental Industries-Pacific Street	High	Assessment	Hazard Present
241.	Oahu	Honolulu	State	BTU Storage Tanks Pier 19	Medium	Response	Hazard Present
242.	Oahu	Honolulu	State	Chevron Honolulu Terminal Marine	Medium	Response	Hazard Present
243.	Oahu	Honolulu	State	Chevron Honolulu Transportation Terminal	Medium	Response	Hazard Managed With Engineering Controls
244.	Oahu	Honolulu	State	Chevron Kapalama Northeast Parcel	Medium	Response	Hazard Present
245.	Oahu	Honolulu	State	Chevron Kapalama Northwest Parcel	Low	Response	Hazard Present
246.	Oahu	Honolulu	State	Chevron Kapalama	Medium	Response	Hazard Present

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
				Terminal			
247.	Oahu	Honolulu	State	Chevron Pier 35 Pipeline Release	Medium	Response	Hazard Managed With Engineering Controls
248.	Oahu	Honolulu	State	Citizens Energy Services Pier 38	High	Response	Hazard Managed With Engineering Controls
249.	Oahu	Honolulu	State	Coast Guard MFH Red Hill Makai	Low	Assessment	Hazard Undetermined
250.	Oahu	Honolulu	State	Coast Guard MFH Red Hill Mauka	Low	Response	Hazard Managed With Engineering Controls
251.	Oahu	Honolulu	State	DLNR Buried Drum Site	Low	Assessment	Hazard Managed With Institutional Controls
252.	Oahu	Honolulu	State	Dole Iwilei	Low	Assessment	Hazard Undetermined
253.	Oahu	Honolulu	State	Domestic Commercial Fishing Village	Low	Response	Hazard Managed With Engineering Controls
254.	Oahu	Honolulu	State	Durant Properties	Low	Response	Hazard Undetermined
255.	Oahu	Honolulu	State	Equilon Enterprises LLC Honolulu Terminal	Low	Response	Hazard Present
256.	Oahu	Honolulu	State	Grace Otsuka Apartment Complex	NFA	Response	Hazard Managed With Engineering Controls
257.	Oahu	Honolulu	State	GTE Base Yard Sump	NFA	Response	Hazard Managed With Engineering Controls
258.	Oahu	Honolulu	State	Hakuyosha Hawaii, Inc	High	Response	Hazard Managed With Engineering Controls
259.	Oahu	Honolulu	State	Hale Pua Nui UST Removal	Low	Assessment	Hazard Undetermined
260.	Oahu	Honolulu	State	Hall Mark Dry Cleaners	Low	Assessment	Hazard Undetermined
261.	Oahu	Honolulu	State	Hart Street WWPS	Low	Response	Hazard Present

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
262.	Oahu	Honolulu	State	Hawaii Fueling Facilities Corporation-Airport	Low	Assessment	Hazard Present
263.	Oahu	Honolulu	State	Hawaii Fueling Facilities Corporation-Airport Jet A Cracked Drain Pipe	NFA	Response	No Hazard
264.	Oahu	Honolulu	State	Hawaii Fueling Facilities Corporation-Sand Island Access Road	Low	Assessment	Hazard Undetermined
265.	Oahu	Honolulu	State	Hawaii Fueling Facilities Corporation-Sand Island Oil/Water Drain Line Release	Low	Response	Hazard Present
266.	Oahu	Honolulu	State	Hawaii Fueling Facilities Corporation-Sand Island Slurry Wall Trenching Activity	Medium	Response	Hazard Present
267.	Oahu	Honolulu	State	Hawaii Fueling Facilities Corporation-Sand Island Tank 4 Release	Low	Response	Hazard Present
268.	Oahu	Honolulu	State	Hawaii Grain Corporation	Low	Assessment	Hazard Undetermined
269.	Oahu	Honolulu	State	Hawaii Instrumentation & Controls, Inc	Medium	Assessment	Hazard Undetermined
270.	Oahu	Honolulu	State	Hawaii Job Corps Center	Low	Assessment	Hazard Undetermined
271.	Oahu	Honolulu	State	Hawaii Mercury	Medium	Response	Hazard Present
272.	Oahu	Honolulu	State	Hawaii Metal Recycling Company Pier 35	Medium	Response	Hazard Managed With Engineering Controls
273.	Oahu	Honolulu	State	Hawaii Select Investments - 2308 Pahounui Drive	NFA	Response	Hazard Managed With Engineering Controls

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
274.	Oahu	Honolulu	State	Hawaii Stevedores	Low	Response	Hazard Present
275.	Oahu	Honolulu	State	Hawaii Transfer Company, Ltd Pier 36	Low	Response	Hazard Present
276.	Oahu	Honolulu	State	Hawaiian Electric Company (HECO) - Iwilei Tank Yard	Low	Response	Hazard Managed With Engineering Controls
277.	Oahu	Honolulu	State	Hawaiian Electric Company (HECO)- Honolulu Generating Station	Low	Assessment	Hazard Undetermined
278.	Oahu	Honolulu	State	Hawaiian Flour Mill	Medium	Response	Hazard Present
279.	Oahu	Honolulu	State	Hawaiian Fluid Power Company	Low	Response	Hazard Managed With Institutional Controls
280.	Oahu	Honolulu	State	Hawaiian Tug & Barge Corporation	Low	Assessment	Hazard Undetermined
281.	Oahu	Honolulu	State	HECO Substation: Pukele Substation	Low	Assessment	Hazard Undetermined
282.	Oahu	Honolulu	TSCA	HECO Transformer 27266	Medium	Response	Hazard Undetermined
283.	Oahu	Honolulu	TSCA	HECO Transformer 26127	Low	Response	Hazard Undetermined
284.	Oahu	Honolulu	State	Honolulu Harbor Iwilei District Participating Parties	High	Response	Hazard Managed With Engineering Controls
285.	Oahu	Honolulu	State	Honolulu Shipyard, Inc	Low	Response	Hazard Undetermined
286.	Oahu	Honolulu	State	Interisland Maintenance Facility Site Elliot Street	Low	Response	Hazard Undetermined
287.	Oahu	Honolulu	State	Iolani School Petroleum odor	Low	Assessment	Hazard Undetermined

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
288.	Oahu	Honolulu	State	Island Movers, Inc	Low	Assessment	Hazard Undetermined
289.	Oahu	Honolulu	State	Iwilei Business Center	Low	Response	Hazard Managed With Institutional Controls
290.	Oahu	Honolulu	State	Iwilei Project Site (Iwilei Brownfields)	Low	Response	Hazard Present
291.	Oahu	Honolulu	State	Iwilei Texaco	Medium	Response	Hazard Present
292.	Oahu	Honolulu	State	Kakaako Brownfield Project	High	Response	Hazard Managed With Institutional Controls
293.	Oahu	Honolulu	Brownfields	Kakaako Brownfield Project - Unit 10	Low	Assessment	Hazard Managed With Engineering Controls
294.	Oahu	Honolulu	Brownfields	Kakaako Brownfield Project - Unit 2	Medium	Response	Hazard Managed With Engineering Controls
295.	Oahu	Honolulu	Brownfields	Kakaako Brownfield Project - Unit 4	Medium	Response	Hazard Managed With Engineering Controls
296.	Oahu	Honolulu	Brownfields	Kakaako Brownfield Project - Unit 5	Medium	Assessment	Hazard Managed With Engineering Controls
297.	Oahu	Honolulu	Brownfields	Kakaako Brownfield Project - Unit 6	High	Response	Hazard Managed With Engineering Controls
298.	Oahu	Honolulu	State	Kakaako Brownfield Project - Unit 7	High	Response	Hazard Managed With Engineering Controls
299.	Oahu	Honolulu	State	Kakaako Brownfield Project - Unit 8	High	Response	Hazard Managed With Engineering Controls
300.	Oahu	Honolulu	Brownfields	Kakaako Brownfield Project - Unit 9	Medium	Assessment	Hazard Managed With Engineering Controls
301.	Oahu	Honolulu	State	Kakaako Makai District Parking Garage-Unit 1 and 3	High	Response	Hazard Managed With Engineering Controls
302.	Oahu	Honolulu	State	Kakaako Pump Station	Low	Response	Hazard Present

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
303.	Oahu	Honolulu	State	Kamehameha Schools - 1336 Dillingham Boulevard	Medium	Response	Hazard Present
304.	Oahu	Honolulu	State	Kapalama Incinerator Off-Site Contamination	Medium	Response	Hazard Managed With Institutional Controls
305.	Oahu	Honolulu	PA/SI	Koko Head District Park	Low	Assessment	Hazard Managed With Institutional Controls
306.	Oahu	Honolulu	Brownfields	Kokua Kalihi Valley Active Living Center	Low	Response	Hazard Undetermined
307.	Oahu	Honolulu	Brownfields	Kuhio Park Terrace Units D1 and D2	Medium	Response	Hazard Present
308.	Oahu	Honolulu	State	Lance Goya's Chevron Service (Tom Tomita's Chevron)	Medium	Response	Hazard Present
309.	Oahu	Honolulu	State	Lockheed Air Terminal, Inc	Low	Assessment	Hazard Undetermined
310.	Oahu	Honolulu	State	Lyon Arboretum Cottages A and G	NFA	Response	Hazard Managed With Institutional Controls
311.	Oahu	Honolulu	State	McCabe, Hamilton, & Renny Company, Ltd	Low	Response	Hazard Undetermined
312.	Oahu	Honolulu	State	Meadow Gold Dairies (Ice Cream Plant)	NFA	Response	No Hazard
313.	Oahu	Honolulu	State	Middle Street Intermodal Center	NFA	Response	Hazard Managed With Engineering Controls
314.	Oahu	Honolulu	State	Miyazaki Honolulu Airport Service Station (Airways Service Station Inc)	Low	Assessment	Hazard Undetermined
315.	Oahu	Honolulu	State	Moanalua Medical Center and Clinic	Medium	Response	Hazard Present

LIST OF HAWAII STATE RESPONSE PROGRAM SITES

<u>Hawai'i State Response Program List of Sites - FY 2009</u>							
	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
316.	Oahu	Honolulu	State	Motor Supply	High	Response	Hazard Managed With Engineering Controls
317.	Oahu	Honolulu	State	National Car Rental System, Inc. North Nimitz Highway	NFA	Assessment	No Hazard
318.	Oahu	Honolulu	State	Navy MFH Camp Stover	Low	Assessment	Hazard Undetermined
319.	Oahu	Honolulu	State	Navy MFH Catlin Park	Low	Assessment	Hazard Undetermined
320.	Oahu	Honolulu	State	Navy MFH Doris Miller Park	Low	Assessment	Hazard Undetermined
321.	Oahu	Honolulu	State	Navy MFH Hale Alii	Low	Assessment	Hazard Undetermined
322.	Oahu	Honolulu	State	Navy MFH Hale Moku	Low	Assessment	Hazard Undetermined
323.	Oahu	Honolulu	State	Navy MFH Halsey Terrace	Low	Assessment	Hazard Undetermined
324.	Oahu	Honolulu	State	Navy MFH Hokulani	Low	Assessment	Hazard Undetermined
325.	Oahu	Honolulu	State	Navy MFH Hospital Point	Low	Assessment	Hazard Undetermined
326.	Oahu	Honolulu	State	Navy MFH Little Makalapa	Low	Assessment	Hazard Undetermined
327.	Oahu	Honolulu	State	Navy MFH Makalapa	Low	Assessment	Hazard Undetermined
328.	Oahu	Honolulu	State	Navy MFH Maloelap	Low	Assessment	Hazard Undetermined
329.	Oahu	Honolulu	State	Navy MFH Marine Barracks	Low	Assessment	Hazard Undetermined
330.	Oahu	Honolulu	State	Navy MFH Moanalua Terrace	Low	Assessment	Hazard Undetermined
331.	Oahu	Honolulu	State	Navy MFH Radford Terrace	Low	Assessment	Hazard Undetermined
332.	Oahu	Honolulu	State	Navy MFH Red Hill Terrace	Low	Assessment	Hazard Undetermined
333.	Oahu	Honolulu	State	Nestle USA	Medium	Response	Hazard Present

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
334.	Oahu	Honolulu	State	Nimitz Highway Water Improvement Project Sumner to Queen	Low	Response	Hazard Present
335.	Oahu	Honolulu	State	PHT, Inc. dba Polynesian Hospitality	Low	Response	Hazard Undetermined
336.	Oahu	Honolulu	State	Pukoloa Wood Treating Site	Medium	Response	Hazard Present
337.	Oahu	Honolulu	State	Punahou School Firing Range	Low	Response	Hazard Present
338.	Oahu	Honolulu	PA/SI	Richard's Chevron	Medium	Response	Hazard Present
339.	Oahu	Honolulu	State	Sand Island WWTP	Low	Response	Hazard Present
340.	Oahu	Honolulu	State	Sause Brothers	Low	Response	Hazard Present
341.	Oahu	Honolulu	State	Servco Pacific, Inc- Kalihi	Low	Assessment	Hazard Undetermined
342.	Oahu	Honolulu	State	Shell Service Station (Sierra Shell Service)	Low	Assessment	Hazard Undetermined
343.	Oahu	Honolulu	State	Shidler College of Business Site Improvements	Low	Assessment	Hazard Undetermined
344.	Oahu	Honolulu	State	Tesoro Hawaii Corporation, Terminal Department-Sand Island	Medium	Response	Hazard Present
345.	Oahu	Honolulu	State	Theo Davies Caterpillar Repair Site	Low	Response	Hazard Managed With Engineering Controls
346.	Oahu	Honolulu	VRP	Tosco Honolulu Bulk Distribution Terminal	High	Response	Hazard Managed With Engineering Controls
347.	Oahu	Honolulu	State	Towco - Sand Island	Low	Assessment	Hazard Undetermined
348.	Oahu	Honolulu	State	Travel Plaza Transportation, LLC	Medium	Assessment	Hazard Undetermined
349.	Oahu	Honolulu	State	Uaukewai Diving Salvage & Fishing, Inc	Low	Response	Hazard Present

Hawai'i State Response Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
350.	Oahu	Honolulu	State	USPS Vehicle Maintenance Facility	Low	Response	Hazard Present
351.	Oahu	Honolulu	State	Waikiki Sand Villa II	Low	Assessment	Hazard Undetermined
352.	Oahu	Honolulu	State	Weyerhaeuser	Medium	Response	Hazard Present
353.	Oahu	Honolulu	State	Yacht Harbor Towers	NFA	Response	Hazard Managed With Engineering Controls
354.	Oahu	Honolulu	State	Yee Hop Building Maunakea Street	Low	Response	Hazard Undetermined
355.	Oahu	Honolulu	State	Yee Hop Property	Low	Assessment	Hazard Undetermined
356.	Oahu	Honolulu	State	Young Brothers, Ltd Piers 24-28	Medium	Response	Hazard Present
357.	Oahu	Honolulu	State	Young Brothers, Ltd. Piers 39, 40	Low	Assessment	Hazard Undetermined
358.	Oahu	Honolulu	State	Zippy's 634 N Nimitz Highway	High	Response	Hazard Managed With Engineering Controls
359.	Oahu	Kahuku	VRP	Kahuku Sugar Mill	Low	Response	Hazard Managed With Institutional Controls
360.	Oahu	Kailua	State	C&C Facility Maintenance Kapaa Quarry Rd. Baseyard	Medium	Response	Hazard Present
361.	Oahu	Kailua	State	Hawaii Youth Correctional Facility	Low	Assessment	Hazard Present
362.	Oahu	Kailua	State	Honolulu Skeet Club	Medium	Response	Hazard Managed With Institutional Controls
363.	Oahu	Kailua	State	Ironwoods at Kailua	Low	Response	Hazard Present
364.	Oahu	Kailua	State	Kailua Corporation Yard	Low	Assessment	Hazard Undetermined
365.	Oahu	Kailua	State	Kapaa Landfill - Kapaa Quarry Road	Medium	Response	Hazard Undetermined
366.	Oahu	Kailua	State	Malunui Avenue Oil Contamination	Low	Assessment	Hazard Undetermined

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
367.	Oahu	Kaneohe	State	Caesar's Cleaners	Medium	Response	Hazard Present
368.	Oahu	Kaneohe	Brownfields	Haiku Valley Rehabilitation Site	NFA	Assessment	No Hazard
369.	Oahu	Kaneohe	PA/SI	Kamehameha Schools - Heeia Preschool Development	NFA	Assessment	No Hazard
370.	Oahu	Kaneohe	State	Scott's Plating	NFA	Response	No Hazard
371.	Oahu	Kapaa	State	Kapaa Corporation Yard	Low	Response	Hazard Present
372.	Oahu	Kapolei	State	Aloha Petroleum, Barbers Pt Sales Terminal (Formerly Texaco/Equilon)	Low	Response	Hazard Present
373.	Oahu	Kapolei	State	Barbers Point Harbor Expansion	Low	Response	Hazard Undetermined
374.	Oahu	Kapolei	State	Barbers Point Harbor Pier 5	Low	Assessment	Hazard Undetermined
375.	Oahu	Kapolei	State	Barbers Point Harbor Pier 7 and Storage Yard S-6	Low	Assessment	Hazard Undetermined
376.	Oahu	Kapolei	State	Barge Harbor Soil Contamination	Medium	Assessment	Hazard Undetermined
377.	Oahu	Kapolei	State	Chevron USA Products Co., Hawaii Refinery Tank Sludge	Medium	Assessment	Hazard Undetermined
378.	Oahu	Kapolei	State	Chevron USA Products Co., Hawaii Refinery, Marine Line Release	Low	Response	Hazard Present
379.	Oahu	Kapolei	State	Con-Fab Hawaii Corporation	Medium	Response	Hazard Undetermined
380.	Oahu	Kapolei	State	Costco Kapolei	Low	Assessment	Hazard Undetermined
381.	Oahu	Kapolei	State	CoVan Warehouse	Low	Assessment	Hazard Undetermined

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382.	Oahu	Kapolei	State	East Kapolei Hoopili	Low	Assessment	Hazard Undetermined
383.	Oahu	Kapolei	Brownfields	Ewa Feedlot Property	Medium	Response	Hazard Undetermined
384.	Oahu	Kapolei	State	Hanua Street Fugitive Oil	Low	Assessment	Hazard Undetermined
385.	Oahu	Kapolei	State	Hanua Street, Southern Terminus	High	Response	Hazard Managed With Engineering Controls
386.	Oahu	Kapolei	State	Hawaii Metal Recycling Company	Low	Assessment	Hazard Undetermined
387.	Oahu	Kapolei	State	Hawaiian Refractories (Hawaiian Meat Packers)	Medium	Assessment	Hazard Undetermined
388.	Oahu	Kapolei	VRP	Honolulu Wood Treating Company, Ltd	High	Response	Hazard Present
389.	Oahu	Kapolei	VRP	Honsador Lumber Corp	High	Response	Hazard Present
390.	Oahu	Kapolei	State	Kalaeloa Cogeneration Plant	Low	Assessment	Hazard Undetermined
391.	Oahu	Kapolei	VRP	Sun Home Metals	NFA	Response	Hazard Managed With Institutional Controls
392.	Oahu	Kapolei	State	Tileco, Inc	Medium	Assessment	Hazard Undetermined
393.	Oahu	Kapolei	State	UH West Oahu Campus	Low	Assessment	Hazard Undetermined
394.	Oahu	Kunia	State	Central Oahu Wells	Low	Assessment	Hazard Undetermined
395.	Oahu	Kunia	State	Del Monte Endosulfan Release	NFA	Response	No Hazard
396.	Oahu	Kunia	State	Del Monte Kunia Former Chemical Warehouse	NFA	Response	No Hazard
397.	Oahu	Kunia	State	Del Monte Kunia Former Maintenance Shop	Low	Response	Hazard Present

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
398.	Oahu	Kunia	State	Ewa Sugar Mill/Oahu Sugar Co. - Kunia Staging Area	Medium	Response	Hazard Present
399.	Oahu	Kunia	State	Hawaii Agriculture Research Center-Kunia Substation	NFA	Response	Hazard Managed With Engineering Controls
400.	Oahu	Kunia	State	Kunia Wells I	Low	Assessment	Hazard Undetermined
401.	Oahu	Kunia	State	Royal Kunia Phase II	Medium	Response	Hazard Present
402.	Oahu	MCBH Kaneohe	State	Marines MFH MCBH Hawaii Loa	Low	Assessment	Hazard Undetermined
403.	Oahu	MCBH Kaneohe	State	Marines MFH MCBH Heleloa	Low	Assessment	Hazard Undetermined
404.	Oahu	MCBH Kaneohe	State	Marines MFH MCBH Kaluapuni	Low	Assessment	Hazard Undetermined
405.	Oahu	MCBH Kaneohe	State	Marines MFH MCBH Kapoho Hillside	Low	Assessment	Hazard Undetermined
406.	Oahu	MCBH Kaneohe	State	Marines MFH MCBH Mololani	Low	Assessment	Hazard Undetermined
407.	Oahu	MCBH Kaneohe	State	Marines MFH MCBH Nani Ulupau	Low	Assessment	Hazard Undetermined
408.	Oahu	MCBH Kaneohe	State	Marines MFH MCBH Pa Honua III	Low	Response	Hazard Managed With Engineering Controls
409.	Oahu	MCBH Kaneohe	State	Marines MFH MCBH Ulupau	Low	Assessment	Hazard Undetermined
410.	Oahu	MCBH Kaneohe	State	Marines MFH MCBH Waikulu Manning	Low	Assessment	Hazard Undetermined
411.	Oahu	MCBH Kaneohe	State	Marines MFH MCBH Waikulu NCO Row	Low	Assessment	Hazard Undetermined
412.	Oahu	MCBH Kaneohe	State	Marines MFH MCBH Waikulu Rainbow	Low	Assessment	Hazard Undetermined
413.	Oahu	Mililani	TSCA	HECO Transformer 27269	Medium	Response	Hazard Undetermined

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414.	Oahu	Nanakuli	State	Kaiser Cement Corp Waianae Point	Medium	Response	Hazard Present
415.	Oahu	Palolo	TSCA	Palolo Elementary School	Low	Response	No Hazard
416.	Oahu	Pearl City	State	Hawaii Army National Guard Waiawa Gulch	Low	Response	Hazard Present
417.	Oahu	Pearl City	TSCA	HECO Generating Station: Waiau	Low	Response	Hazard Undetermined
418.	Oahu	Pearl City	State	HECO Waiau Generating Station Tank 4	Low	Response	Hazard Undetermined
419.	Oahu	Pearl City	State	Marines MFH Manana	Low	Assessment	Hazard Undetermined
420.	Oahu	Pearl City	State	Navy MFH Manana	Low	Assessment	Hazard Undetermined
421.	Oahu	Pearl City	State	Navy MFH Pearl City Peninsula	Low	Assessment	Hazard Undetermined
422.	Oahu	Pearl City	Brownfields	Waimano Home Campus	Low	Assessment	Hazard Managed With Engineering Controls
423.	Oahu	Pearl City	State	Waterfront Manor	Medium	Assessment	Hazard Undetermined
424.	Oahu	Schofield Barracks	State	Army MFH SB Akolea	Low	Assessment	Hazard Undetermined
425.	Oahu	Schofield Barracks	State	Army MFH SB Aloala	Low	Response	Hazard Managed With Engineering Controls
426.	Oahu	Schofield Barracks	State	Army MFH SB Canby	Low	Assessment	Hazard Undetermined
427.	Oahu	Schofield Barracks	State	Army MFH SB Generals Loop	Low	Assessment	Hazard Undetermined
428.	Oahu	Schofield Barracks	State	Army MFH SB Hamilton	Low	Assessment	Hazard Undetermined
429.	Oahu	Schofield Barracks	State	Army MFH SB Kaena	Low	Response	Hazard Managed With Engineering Controls
430.	Oahu	Schofield Barracks	State	Army MFH SB Kalakaua	NFA	Response	No Hazard
431.	Oahu	Schofield Barracks	State	Army MFH SB Leader Field	Low	Assessment	Hazard Undetermined

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432.	Oahu	Schofield Barracks	State	Army MFH SB Mendonca Park	Low	Assessment	Hazard Undetermined
433.	Oahu	Schofield Barracks	State	Army MFH SB Moyer	Low	Response	Hazard Managed With Engineering Controls
434.	Oahu	Schofield Barracks	State	Army MFH SB Patriot	Low	Assessment	Hazard Undetermined
435.	Oahu	Schofield Barracks	State	Army MFH SB Porter	Low	Response	Hazard Managed With Engineering Controls
436.	Oahu	Schofield Barracks	State	Army MFH SB Ralston	Low	Assessment	Hazard Undetermined
437.	Oahu	Schofield Barracks	State	Army MFH SB Santa Fe	Low	Assessment	Hazard Undetermined
438.	Oahu	Schofield Barracks	State	Army MFH SB Solomon	Low	Assessment	Hazard Undetermined
439.	Oahu	Tripler AMC	State	Army MFH TAMC Rainbow Village	Low	Assessment	Hazard Undetermined
440.	Oahu	Wahiawa	State	Navy MFH NCTAMS PAC Wahiawa	Low	Assessment	Hazard Undetermined
441.	Oahu	Wahiawa	State	Wheeler Army Airfield Transformer WAAF-27	Low	Response	Hazard Managed With Institutional Controls
442.	Oahu	Waialua	PA/SI	Mount Kaala Natural Area Reserve	NFA	Response	No Hazard
443.	Oahu	Waialua	VRP	Waialua Sugar Mill Settling Ponds	Medium	Response	Hazard Undetermined
444.	Oahu	Waialua	VRP	Waialua Sugar Mill VRP Site	High	Response	Hazard Managed With Engineering Controls
445.	Oahu	Waianae	TSCA	HECO Substation: Mikilua Substation	Low	Assessment	Hazard Undetermined
446.	Oahu	Waianae	State	Industrial Technology Tire Pile	Medium	Assessment	Hazard Undetermined
447.	Oahu	Waimanalo	State	Air Force MFH Bellows Renovation	Low	Assessment	Hazard Undetermined

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448.	Oahu	Waimanalo	State	Golden Melon Farms	NFA	Assessment	No Hazard
449.	Oahu	Waimanalo	TSCA	HECO Transformer 27728 (Vault 3032)	Low	Assessment	Hazard Undetermined
450.	Oahu	Waimanalo	PA/SI	Pahe Plantation	NFA	Response	No Hazard
451.	Oahu	Waimanalo	State	University of Hawaii, Waimanalo Experimental Farm	Low	Assessment	Hazard Undetermined
452.	Oahu	Waimanalo	PA/SI	Waimanalo Areawide Groundwater Contamination	Low	Assessment	Hazard Present
453.	Oahu	Waipahu	State	Hawthorne Pacific Corporation	NFA	Response	No Hazard
454.	Oahu	Waipahu	State	Navy MFH Ford Island	Low	Assessment	Hazard Undetermined
455.	Oahu	Waipahu	State	Waipio Heights Wells II	Low	Assessment	Hazard Undetermined
456.	Oahu	Waipio	State	Ewa Sugar Mill/Oahu Sugar Co. - Waipio Peninsula	Medium	Response	Hazard Managed With Engineering Controls
457.	Oahu	Wheeler AAF	State	Army MFH WAAF Kunia	Low	Assessment	Hazard Undetermined
458.	Oahu	Wheeler AAF	State	Army MFH WAAF Puali North	Low	Assessment	Hazard Undetermined
459.	Oahu	Wheeler AAF	State	Army MFH WAAF Puali South	Low	Assessment	Hazard Undetermined
460.	Oahu	Wheeler AAF	State	Army MFH WAAF Wilikina	NFA	Assessment	No Hazard
461.	Oahu	Wheeler AAF	State	Army MFH WAAF Wiliwili	Low	Assessment	Hazard Undetermined

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1.	Hawaii	Army, Corps of Engineers	FUDS	FUDS Army Impact Range	High	Assessment	Hazard Present
2.	Hawaii	Army, Corps of Engineers	FUDS	FUDS Firing Range and Camp, Lalamilo, Hawaii	High	Response	Hazard Present
3.	Hawaii	Army, Corps of Engineers	FUDS	FUDS Ka'u Bombing Range	Medium	Assessment	Hazard Present
4.	Hawaii	Army, Corps of Engineers	FUDS	FUDS Keaau Bombing Target	Medium	Assessment	Hazard Present
5.	Hawaii	Army, Corps of Engineers	FUDS	FUDS Makanalaua Bombing Range	Medium	Assessment	Hazard Present
6.	Hawaii	Army, Corps of Engineers	FUDS	FUDS Nansay Hawaii	Low	Assessment	Hazard Present
7.	Hawaii	Army, Corps of Engineers	FUDS	FUDS Pakini Bombing Range	Medium	Assessment	Hazard Present
8.	Hawaii	Army, Corps of Engineers	FUDS	FUDS Wahine Maka Nui Target	Medium	Assessment	Hazard Present
9.	Hawaii	Army, Corps of Engineers	FUDS	FUDS Waikoloa Maneuver Area	Low	Assessment	Hazard Present
10.	Hawaii	Army, Kilauea Military Camp	IRP	Kilauea Military Camp	Low	Assessment	Hazard Undetermined
11.	Hawaii	Army, Kilauea Military Camp	IRP	Kilauea Military Camp, POL Area, Former Lab, & Former Landfill	Low	Assessment	Hazard Undetermined
12.	Hawaii	Army, Kilauea Military Camp	MMRP	Kilauea Military Reservation Kau Desert Impact Training Area	Medium	Assessment	Hazard Undetermined
13.	Hawaii	Army, Kilauea Military Camp	MMRP	Kilauea Military Reservation MMRP	Medium	Assessment	Hazard Undetermined
14.	Hawaii	Army, Pohakuloa Training Area	IRP	Pohakuloa Training Area	Low	Assessment	Hazard Undetermined

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15.	Hawaii	Army, Pohakuloa Training Area	IRP	Pohakuloa Training Area, Pesticide Storage, FFTA, Landfill 1 & 2	Medium	Remedy Selection Complete	Hazard Managed With Engineering Controls
16.	Hawaii	Army, Pohakuloa Training Area	IRP	Pohakuloa Training Area, Vehicle Refueling Area	Low	Assessment	Hazard Undetermined
17.	Johnston	Army	Army	Johnston Atoll, Pacific Ocean	Low	Assessment	Hazard Undetermined
18.	Kauai	Army, Corps of Engineers	FUDS	FUDS Ahukini	Medium	Assessment	Hazard Present
19.	Kauai	Army, Corps of Engineers	FUDS	FUDS Grove Farm Artillery Range, Kauai	Medium	Response	Hazard Managed With Engineering Controls
20.	Kauai	Army, Corps of Engineers	FUDS	FUDS Kilauea Radar Station	NFA	Assessment	No Hazard
21.	Kauai	Army, Corps of Engineers	FUDS	FUDS Waimea Training Site	Medium	Assessment	Hazard Present
22.	Kauai	Navy	IRP	Pacific Missile Range Facility	Low	Assessment	Hazard Undetermined
23.	Kauai	Navy, Pacific Missile Range Facility	IRP	PMRF, Battery Acid Disposal Pit	Low	Assessment	Hazard Undetermined
24.	Kauai	Navy, Pacific Missile Range Facility	IRP	PMRF, Crash Crew Firefighting Pit 1	Low	Assessment	Hazard Undetermined
25.	Kauai	Navy, Pacific Missile Range Facility	IRP	PMRF, Firefighting Pit No. 2	Low	Assessment	Hazard Undetermined
26.	Kauai	Navy, Pacific Missile Range Facility	IRP	PMRF, Landfill Site	Low	Assessment	Hazard Undetermined

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27.	Kauai	Navy, Pacific Missile Range Facility	IRP	PMRF, Torpedo Postrun Facility Drain	Low	Assessment	Hazard Undetermined
28.	Lanai	Army, Corps of Engineers	FUDS	FUDS Lanai Bombing Targets	Medium	Assessment	Hazard Present
29.	Lanai	Army, Corps of Engineers	FUDS	FUDS Lanai Radar Station	Low	Response	Hazard Present
30.	Maui	Army, Corps of Engineers	FUDS	FUDS Gunnery Site, Makawao	Medium	Response	Hazard Present
31.	Maui	Army, Corps of Engineers	FUDS	FUDS Kamaole Training Base	Medium	Remedy Selection Complete	Hazard Present
32.	Maui	Army, Corps of Engineers	FUDS	FUDS Kane Pua Naval Bombing Range	Medium	Assessment	Hazard Present
33.	Maui	Army, Corps of Engineers	FUDS	FUDS Maui Airport, Puunene	NFA	Response	No Hazard
34.	Maui	Army, Corps of Engineers	FUDS	FUDS Maui Bombing Targets	Medium	Assessment	Hazard Present
35.	Maui	Army, Corps of Engineers	FUDS	FUDS Opana Point	Medium	Assessment	Hazard Present
36.	Molokai	Army, Corps of Engineers	FUDS	FUDS Unexploded Ordnance Removal, Molokini Island	Medium	Response	Hazard Present
37.	Oahu	City and County of Honolulu, Department of Environmental Services, Refuse Division	IRP	Waipahu Incinerator/Ash Dump	High	Response	Hazard Present
38.	Oahu	Air Force, Bellows Air Force Station	IRP	Bellows AFS LF01 & DA101, Landfills	Low	Response	Hazard Managed With Engineering Controls

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39.	Oahu	Air Force, Bellows Air Force Station	MMRP	Bellows AFS MRA39, Former Large Bomb Range	Medium	Assessment	Hazard Present
40.	Oahu	Air Force, Bellows Air Force Station	MMRP	Bellows AFS MRA40, Former Skeet Range	Low	Assessment	Hazard Present
41.	Oahu	Air Force, Bellows Air Force Station	MMRP	Bellows AFS MRA43, Urban Warfare Training Facility	Low	Assessment	Hazard Present
42.	Oahu	Air Force, Bellows Air Force Station	IRP	Bellows Air Force Station	Low	Assessment	Hazard Undetermined
43.	Oahu	Air Force, Fort Kamehameha	IRP	Fort Kamehameha DSPL Site	Low	Assessment	Hazard Undetermined
44.	Oahu	Air Force, Fort Kamehameha	Air Force	ST38-3318B Underground Storage Tank	Low	Assessment	Hazard Undetermined
45.	Oahu	Air Force, Fort Kamehameha	Air Force	ST38-3318C Underground Storage Tank	Low	Assessment	Hazard Undetermined
46.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA03, JICPAC Former Photo Lab (Bldg. 2045)	Low	Assessment	Hazard Undetermined
47.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA06, Transportation Squadron Contaminated Soil	Low	Assessment	Hazard Undetermined
48.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA07, Pest/Herb Vehicle Wash Rack	Low	Assessment	Hazard Undetermined
49.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA08, Pest/Herb Vehicle Wash Area (Bldg 1220)	Low	Assessment	Hazard Undetermined
50.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA09, Industrial Waste Treatment and Disposal/Bldg 2016	Low	Assessment	Hazard Undetermined

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51.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA100, Transportation Squadron Contaminated Soil	Low	Assessment	Hazard Undetermined
52.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA12, Aircraft Reclamation Area/HazMat Pharmacy Area	Low	Assessment	Hazard Undetermined
53.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA15, Engine Trim Area (Building 11665)	Low	Assessment	Hazard Undetermined
54.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA16, Seawall POL Fuel Leak	Low	Assessment	Hazard Undetermined
55.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA20, Tributary to Kumumauu Canal, South HIANG	Low	Assessment	Hazard Undetermined
56.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA22, Wash Racks/Bldg 2025 and Near Bldg 1055	Low	Assessment	Hazard Undetermined
57.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA23, Vehicle Wash Rack	Low	Assessment	Hazard Undetermined
58.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA29, Cesspool Building 2021	Low	Assessment	Hazard Undetermined
59.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA48, Potential Sludge Pit	Low	Assessment	Hazard Undetermined
60.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA51, Old Photo Lab (Bldg. 1012)	Low	Assessment	Hazard Undetermined
61.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA59, Puakauhi Court, Former Laundry/Dry Cleaners	Low	Assessment	Hazard Undetermined

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62.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA67, Old Fire Station (Bldg. 954) Contaminated Soils	Low	Assessment	Hazard Undetermined
63.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA68, Former Engine Shop (Bldg. 1045)	Low	Assessment	Hazard Undetermined
64.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA70, South Tributary to the Kumumau Canal	Low	Assessment	Hazard Undetermined
65.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC EA81, Paint Shop (Bldg. 1055)	Low	Assessment	Hazard Undetermined
66.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC KNMD-EA01 Potential Landfill	Low	Assessment	Hazard Undetermined
67.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC KNMD-EA11 Old HIANG Area	Low	Assessment	Hazard Undetermined
68.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB AOC KNMD-EA38 Leach Field	Low	Assessment	Hazard Undetermined
69.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB Building 1204	Low	Assessment	Hazard Undetermined
70.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB CD125, West Debris Mound	Low	Assessment	No Hazard
71.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB CF23, Former Mess Hall	Low	Assessment	Hazard Undetermined
72.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB CG104, Fuel Vapor Area/Auto Hobby Shop	Medium	Remedy Selection Complete	Hazard Present
73.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB CG110, Aircraft Maintenance/Car buretor Cleaning Area	Medium	Response	Hazard Managed With Engineering Controls
74.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB FT07, Fire Training Area	Low	Assessment	Hazard Undetermined

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
75.	Oahu	Air Force, Hickam Air Force Base	Air Force	Hickam AFB Leak to Fuel Pit Near Building 228	Low	Assessment	Hazard Undetermined
76.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB LF01, Landfill 1	Medium	Response	Hazard Managed With Engineering Controls
77.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB LF14, Inactive Landfill Area No.2	Low	Remedy Selection Complete	Hazard Managed With Engineering Controls
78.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB LF15, Inactive Landfill Area No.3	Low	Assessment	Hazard Undetermined
79.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB LF16, Inactive Landfill Area No.4	Low	Assessment	Hazard Undetermined
80.	Oahu	Air Force, Hickam Air Force Base	MMRP	Hickam AFB MRA1X, Former Skeet Ranges	Medium	Assessment	Hazard Present
81.	Oahu	Air Force, Hickam Air Force Base	MMRP	Hickam AFB MRA1X, MRS TS001 Hickam Skeet Range	Low	Assessment	Hazard Present
82.	Oahu	Air Force, Hickam Air Force Base	MMRP	Hickam AFB MRA2X, Small Skeet Range	Low	Assessment	No Hazard
83.	Oahu	Air Force, Hickam Air Force Base	MMRP	Hickam AFB MRA3X, Former Moving Base Skeet Range	Low	Assessment	No Hazard
84.	Oahu	Air Force, Hickam Air Force Base	MMRP	Hickam AFB MRA53, Former Fort Kamehameha Small Arms Range	Low	Assessment	No Hazard
85.	Oahu	Air Force, Hickam Air Force Base	MMRP	Hickam AFB MRA54, Former EOD Proficiency Range	Low	Assessment	Hazard Present
86.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB MY111, Former HIANG Motor Pool	NFA	Response	Hazard Managed With Institutional Controls
87.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB MY158, Halemakua St & Kuntz Ave Motor Pool	NFA	Response	No Hazard

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88.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB SA144, Kuntz Ave Entrance Salvage Yard	Low	Assessment	Hazard Undetermined
89.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB SD03, Kumumauu Canal	Low	Assessment	Hazard Undetermined
90.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB SD36, Abandoned Barrels Site	Low	Assessment	Hazard Undetermined
91.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB SS06, Fuel Leak Area 9 (Area B)	Low	Response	Hazard Managed With Engineering Controls
92.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB SS13, Fuel Leak Area 18, John Rodgers Tank Farm	NFA	Response	No Hazard
93.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB SS15, Fuel Leak Area 15, Par 3 Golf Course	Low	Response	Hazard Present
94.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB SS156, POL Valve Pits A, B, D, E, I & J	Medium	Response	Hazard Managed With Engineering Controls
95.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB SS24, Reef Taxiway	Low	Assessment	Hazard Present
96.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB SS25, Hickam Village Shoppette	NFA	Response	No Hazard
97.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB ST01, Officer's Club USTs	NFA	Response	No Hazard
98.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB ST20, EOD Area USTs	Low	Assessment	Hazard Present
99.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB ST27, John Rodgers Tank Farm	Low	Assessment	Hazard Present
100.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB ST28, Hickam Runway USTs & Cesspools	Low	Assessment	Hazard Present
101.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB ST29, Bishop Point USTs	Low	Assessment	Hazard Undetermined

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102.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB ST30, Signer Residential USTs	Low	Assessment	Hazard Undetermined
103.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB ST31, Hangar Avenue USTs & Abandoned Pipeline	Low	Assessment	Hazard Undetermined
104.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB ST32, Vickers Avenue USTs	Low	Assessment	Hazard Present
105.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB ST33, Fox Boulevard USTs	NFA	Response	No Hazard
106.	Oahu	Air Force, Hickam Air Force Base	IRP	HICKAM AFB ST34, Clean Water Rinse Facility	Medium	Assessment	Hazard Present
107.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB ST34, POL Area 11 Tank Farm	Low	Assessment	Hazard Present
108.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB ST35, Kuntz Avenue USTs	Low	Assessment	Hazard Present
109.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB ST38, Fort Kamehameha USTs	Low	Assessment	Hazard Undetermined
110.	Oahu	Air Force, Hickam Air Force Base	compliance	Hickam AFB, AMC Stripper Pit 43	Medium	Assessment	Hazard Present
111.	Oahu	Air Force, Hickam Air Force Base	Compliance	Hickam AFB, Building 1760 USTs	Medium	Assessment	Hazard Present
112.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB, Building 1805 USTs	Low	Assessment	Hazard Undetermined
113.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB, Building 1815 UST	Medium	Assessment	Hazard Undetermined
114.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB, Building 422 UST	NFA	Assessment	No Hazard
115.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB, Building 470 USTs	NFA	Response	No Hazard
116.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB, Building 814 UST	NFA	Assessment	No Hazard

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117.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB, Building 941 UST	Low	Remedy Selection Complete	No Hazard
118.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB, Building 980 UST	Low	Remedy Selection Complete	No Hazard
119.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam AFB, Building 999 USTs	Low	Remedy Selection Complete	Hazard Managed With Institutional Controls
120.	Oahu	Air Force, Hickam Air Force Base	Compliance	Hickam AFB, Challenger Loop	NFA	Response	Hazard Managed With Engineering Controls
121.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam Air Force Base	NFA	Response	No Hazard
122.	Oahu	Air Force, Hickam Air Force Base	IRP	Hickam Former Building 2156 AST	Medium	Assessment	Hazard Present
123.	Oahu	Air Force, Hickam Air Force Base	IRP	Waiawa Stream Tributary, Pearl City	Low	Assessment	Hazard Undetermined
124.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL DA30, Kipapa FSA Abandoned Drum Site	NFA	Response	No Hazard
125.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST01, Kipapa FSA Non PCB Transformer Spill	High	Assessment	Hazard Present
126.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST01, Kipapa Fuel Storage Annex	High	Assessment	Hazard Present
127.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST01C, KFSA UST, OWS, & Cesspool	High	Response	Hazard Present
128.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST02, Spill Site ST02 & Valve Pit 26	Medium	Assessment	Hazard Present
129.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST03, Spill Site ST03 & Valve Pits 14, 15, 15A, & 16	Low	Assessment	Hazard Present
130.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST04, Spill Site ST04 & Valve Pit 23 & Valve Pit 24	NFA	Assessment	No Hazard

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131.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST05, Spill Site ST05 and Valve Pits 1 thru 13	Low	Assessment	Hazard Undetermined
132.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST06, Spill Site ST06 & Valve Pits 18, 19, 20, 21 & 22	NFA	Assessment	No Hazard
133.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST07, Spill Site ST07	NFA	Assessment	No Hazard
134.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST08, Spill Site ST08	NFA	Assessment	No Hazard
135.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST09, Spill Site ST09	NFA	Assessment	No Hazard
136.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST10, Valve Pit 17	NFA	Response	Hazard Managed With Institutional Controls
137.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST11, Spill Site ST11	NFA	Assessment	No Hazard
138.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST12, Waikakalaua Fuel Storage Annex	NFA	Response	Hazard Managed With Institutional Controls
139.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST13, Spill Site ST13	NFA	Assessment	No Hazard
140.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST14, Spill Site ST14 & Valve Pit 30	Medium	Assessment	Hazard Present
141.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST15, Spill Site ST15	NFA	Assessment	No Hazard
142.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST16, Spill Site ST16	NFA	Assessment	No Hazard

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143.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST17, Spill Site ST17	NFA	Assessment	No Hazard
144.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST18, Spill Site 18A & B	High	Remedy Selection Complete	Hazard Managed With Engineering Controls
145.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST19, Spill Site ST19	NFA	Assessment	No Hazard
146.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Compliance	Hickam POL ST20, Spill Site ST20	NFA	Assessment	No Hazard
147.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST21, Spill Site ST21 & Valve Pit 29	Medium	Assessment	Hazard Present
148.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST22, Spill Site ST22	NFA	Assessment	No Hazard
149.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST24, Spill Site ST24	NFA	Assessment	No Hazard
150.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST25, Spill Site 25 (Formerly EA02)	NFA	Assessment	No Hazard
151.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST26, Spill Site 26 (Formerly EA01)	NFA	Response	No Hazard
152.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST27, Spill Site 27 (Formerly EA03)	Low	Assessment	Hazard Undetermined
153.	Oahu	Air Force, Hickam POL Pipeline and Storage Area	IRP	Hickam POL ST28, Spill Site 28 (Formerly EA05)	Low	Assessment	Hazard Undetermined
154.	Oahu	Air Force, Kaena Point Satellite Tracking Station	IRP	Kaena Point Satellite Tracking Station	Medium	Assessment	Hazard Undetermined

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155.	Oahu	Air Force, Palehua Solar Observatory	IRP	Palehua Solar Observatory	Low	Assessment	Hazard Undetermined
156.	Oahu	Air Force, Punamano Air Force Station	IRP	Punamano Air Force Station	Low	Assessment	Hazard Undetermined
157.	Oahu	Army	MMRP	Waikakalaua Ammunitions Storage Tunnel MMRP	Medium	Assessment	Hazard Undetermined
158.	Oahu	Army, Aliamanu Military Reservation	IRP	Aliamanu Military Reservation	Low	Assessment	Hazard Undetermined
159.	Oahu	Army, Aliamanu Military Reservation	Army	Aliamanu Military Reservation 1850 Aliamanu Drive	Low	Assessment	Hazard Undetermined
160.	Oahu	Army, Aliamanu Military Reservation	IRP	Aliamanu Military Reservation, Bunker & Residential Areas	Low	Assessment	Hazard Undetermined
161.	Oahu	Army, Aliamanu Military Reservation	IRP	Aliamanu Military Reservation, Seal Tunnel Portals	Low	Assessment	Hazard Undetermined
162.	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	IRP	Fort Barrette, Safety Hazard Removal	Low	Assessment	Hazard Undetermined
163.	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	IRP	Waikakalaua Ammo Storage Tunnels	Medium	Assessment	Hazard Undetermined
164.	Oahu	Army, Corps of Engineers	FUDS	FUDS Aiea Military Reservation	High	Assessment	Hazard Present
165.	Oahu	Army, Corps of Engineers	FUDS	FUDS Castner Garage	NFA	Response	No Hazard
166.	Oahu	Army, Corps of Engineers	FUDS	FUDS Dillingham Air Force Base	Low	Assessment	Hazard Present

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167.	Oahu	Army, Corps of Engineers	FUDS	FUDS Heeia Combat Training Camp	High	Response	Hazard Present
168.	Oahu	Army, Corps of Engineers	FUDS	FUDS Hickam Airfield	NFA	Assessment	No Hazard
169.	Oahu	Army, Corps of Engineers	FUDS	FUDS Kahuku Training Area	Medium	Assessment	Hazard Present
170.	Oahu	Army, Corps of Engineers	FUDS	FUDS Mahukona Range	Medium	Assessment	Hazard Present
171.	Oahu	Army, Corps of Engineers	FUDS	FUDS Makapuu Light House	Medium	Assessment	Hazard Present
172.	Oahu	Army, Corps of Engineers	FUDS	FUDS Mokuhooniki Island	Medium	Assessment	Hazard Present
173.	Oahu	Army, Corps of Engineers	FUDS	FUDS Oahu Target Island	High	Assessment	Hazard Present
174.	Oahu	Army, Corps of Engineers	FUDS	FUDS Offshore Waianae Sewage Outfall	Low	Assessment	Hazard Present
175.	Oahu	Army, Corps of Engineers	FUDS	FUDS Pacific Jungle Combat Training Area	High	Assessment	Hazard Present
176.	Oahu	Army, Corps of Engineers	FUDS	FUDS Pali Training Camp	High	Assessment	Hazard Present
177.	Oahu	Army, Corps of Engineers	FUDS	FUDS Popoki Target Area	High	Response	Hazard Present
178.	Oahu	Army, Corps of Engineers	FUDS	FUDS Rabbit Island	High	Assessment	Hazard Present
179.	Oahu	Army, Corps of Engineers	FUDS	FUDS Statewide Area Management Plan-MAPS	Low	Assessment	No Hazard
180.	Oahu	Army, Corps of Engineers	FUDS	FUDS Waikane Training Area	High	Response	Hazard Present
181.	Oahu	Army, Corps of Engineers	FUDS	FUDS Wailua Artillery Impact Area	High	Assessment	Hazard Present
182.	Oahu	Army, Corps of Engineers	FUDS	FUDS Waimea Falls Park	Medium	Assessment	Hazard Present
183.	Oahu	Army, Dillingham Military Reservation	IRP	Dillingham Military Reservation, Former Transformer Site	Low	Assessment	Hazard Undetermined

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184.	Oahu	Army, Fort DeRussy	IRP	Fort DeRussy, Former Leaking UST Site (Bldg 107 & 108)	Low	Assessment	Hazard Undetermined
185.	Oahu	Army, Fort Shafter	MMRP	Fort Shafter, Drill Field, Pistol Range, and Rifle Ranges 1 & 2	Medium	Remedy Selection Complete	No Hazard
186.	Oahu	Army, Fort Shafter	IRP	Fort Shafter, Fort Shafter Flats	Medium	Remedy Selection Complete	Hazard Managed With Engineering Controls
187.	Oahu	Army, Fort Shafter	IRP	Fort Shafter, Solid Waste Dump	Low	Assessment	Hazard Undetermined
188.	Oahu	Army, Helemano Military Reservation	IRP	Helemano Military Reservation, Waste Pile, Former WWTP, & Sediment Pond	Low	Assessment	Hazard Undetermined
189.	Oahu	Army, Kahuku Training Area	IRP	Kahuku Training Area, Former Transformer Site	Low	Assessment	Hazard Undetermined
190.	Oahu	Army, Kapalama Military Reservation	Army	Kapalama Military Reservation South Oahu Location	Low	Assessment	Hazard Undetermined
191.	Oahu	Army, Kapalama Military Reservation	IRP	Kapalama Military Residential	Low	Assessment	Hazard Undetermined
192.	Oahu	Army, Kunia Military Reservation	IRP	Kunia Field Station	Low	Assessment	Hazard Undetermined
193.	Oahu	Army, Kunia Military Reservation	IRP	Kunia Field Station, Microwave Tower & Building 25	Low	Assessment	Hazard Undetermined
194.	Oahu	Army, Makua Military Reservation	MMRP	Makua Military Reservation MMRP	High	Assessment	Hazard Present
195.	Oahu	Army, Makua Military Reservation	IRP	Makua Military Reservation ORDN DISP	Low	Assessment	Hazard Undetermined
196.	Oahu	Army, Pohakuloa Training Area	MMRP	Pohakuloa Training Area MMRP	Medium	Assessment	Hazard Present

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197.	Oahu	Army, Schofield Barracks	Army	Building Quad-J	Low	Assessment	Hazard Undetermined
198.	Oahu	Army, Schofield Barracks	Army	Schofield Barracks Buildings 652, 649, 650	Low	Assessment	Hazard Undetermined
199.	Oahu	Army, Schofield Barracks	Army	Schofield Barracks NCO Academy Building 6055	Low	Assessment	Hazard Undetermined
200.	Oahu	Army, Schofield Barracks	IRP	Schofield Barracks Site 26 Car Care	Low	Assessment	Hazard Undetermined
201.	Oahu	Army, Schofield Barracks	MMRP	Schofield Barracks, Garden Gulch	Low	Assessment	Hazard Undetermined
202.	Oahu	Army, Schofield Barracks	IRP	Schofield Barracks, Operable Unit 2 (OU2)	High	Response	Hazard Present
203.	Oahu	Army, Schofield Barracks	IRP	Schofield Barracks, Operable Unit 4 (OU4) Landfill	High	Response	Hazard Present
204.	Oahu	Army, Schofield Barracks	MMRP	Schofield Barracks, Site A-100-L-2	Low	Assessment	Hazard Undetermined
205.	Oahu	Army, Schofield Barracks	MMRP	Schofield Barracks, Site A-100-L-2 (TD)	Low	Assessment	Hazard Undetermined
206.	Oahu	Army, Schofield Barracks	MMRP	Schofield Barracks, Site ER-7A	Medium	Assessment	Hazard Undetermined
207.	Oahu	Army, Schofield Barracks	MMRP	Schofield Barracks, Small Bore Range	Low	Assessment	Hazard Undetermined
208.	Oahu	Army, Schofield Barracks	MMRP	Schofield Barracks, Southern Pistol Ranges	Low	Assessment	Hazard Undetermined
209.	Oahu	Army, Schofield Barracks	IRP	Schofield Barracks, UST Building 3010A	Low	Assessment	Hazard Present
210.	Oahu	Army, Schofield Barracks	MMRP	Schofield Barracks, Yonkers Range	Medium	Response	Hazard Present
211.	Oahu	Army, Tripler Army Medical Center	IRP	Tripler Army Medical Center, Building 125A UST	Medium	Remedy Selection Complete	Hazard Present

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212.	Oahu	Army, Tripler Army Medical Center	IRP	Tripler Army Medical Center, Landfill	Medium	Remedy Selection Complete	Hazard Managed With Engineering Controls
213.	Oahu	Army, Tripler Army Medical Center	IRP	Tripler Army Medical Center, UST TAMC 102-1	Low	Assessment	Hazard Undetermined
214.	Oahu	Army, Wheeler Army Airfield	MMRP	Wheeler Army Airfield MMRP	Medium	Assessment	Hazard Undetermined
215.	Oahu	Army, Wheeler Army Airfield	IRP	Wheeler Army Airfield, Archery Range	Low	Assessment	Hazard Undetermined
216.	Oahu	Navy	Navy	Halsey Terrace	Low	Assessment	Hazard Undetermined
217.	Oahu	Navy	Navy	Hokulani	Low	Assessment	Hazard Undetermined
218.	Oahu	Navy	Navy	Moanalua Terrace	Low	Assessment	Hazard Undetermined
219.	Oahu	Navy	Navy	Radford Terrace	Low	Assessment	Hazard Undetermined
220.	Oahu	Navy	Navy	Waiawa Shaft	Low	Assessment	Hazard Undetermined
221.	Oahu	Navy, Barbers Point Naval Air Station	IRP	Barbers Point NAS, Auto Hobby Shop	Low	Assessment	Hazard Undetermined
222.	Oahu	Navy, Barbers Point Naval Air Station	IRP	Barbers Point NAS, Consolidation Unit and Monofill	Medium	Remedy Selection Complete	Hazard Managed With Engineering Controls
223.	Oahu	Navy, Barbers Point Naval Air Station	IRP	Barbers Point NAS, Coral Pit 1	Medium	Assessment	Hazard Undetermined
224.	Oahu	Navy, Barbers Point Naval Air Station	BRAC	Barbers Point NAS, Coral Pit 2	Low	Assessment	Hazard Undetermined

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225.	Oahu	Navy, Barbers Point Naval Air Station	BRAC	Barbers Point NAS, Fleet Imaging Center	Low	Assessment	Hazard Undetermined
226.	Oahu	Navy, Barbers Point Naval Air Station	IRP	Barbers Point NAS, Former Drum Crushing Area	High	Remedy Selection Complete	Hazard Present
227.	Oahu	Navy, Barbers Point Naval Air Station	IRP	Barbers Point NAS, Golf Course	Medium	Remedy Selection Complete	Hazard Present
228.	Oahu	Navy, Barbers Point Naval Air Station	IRP	Barbers Point NAS, Golf Course Battery	Low	Assessment	Hazard Undetermined
229.	Oahu	Navy, Barbers Point Naval Air Station	IRP	Barbers Point NAS, Golf Course Maintenance Building	High	Assessment	Hazard Present
230.	Oahu	Navy, Barbers Point Naval Air Station	IRP	Barbers Point NAS, Revetments Site	Medium	Remedy Selection Complete	No Hazard
231.	Oahu	Navy, Barbers Point Naval Air Station	IRP	Barbers Point NAS, Station P	High	Assessment	Hazard Present
232.	Oahu	Navy, Barbers Point Naval Air Station	Compliance	Barbers Point NAS, UST BP 19-20	Low	Assessment	Hazard Undetermined
233.	Oahu	Navy, Barbers Point Naval Air Station	Navy	BRAC Barbers Point, Coral Pit, Ordnance Pond, Sanitary Landfill	Low	Assessment	Hazard Undetermined
234.	Oahu	Navy, Barbers Point Naval Air Station	BRAC	BRAC Barbers Point, Dry Well Network	Low	Response	Hazard Present
235.	Oahu	Navy, Barbers Point Naval Air Station	BRAC	BRAC Barbers Point, Fire Fighting Training Pits	Low	Response	Hazard Present
236.	Oahu	Navy, Barbers Point Naval Air Station	BRAC	BRAC Barbers Point, Former Fuel Farm	Low	Assessment	Hazard Present

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237.	Oahu	Navy, Barbers Point Naval Air Station	BRAC	BRAC Barbers Point, Former Machine Gun Ranges	Low	Response	Hazard Present
238.	Oahu	Navy, Barbers Point Naval Air Station	BRAC	BRAC Barbers Point, MWR Warehouse Area	Low	Response	Hazard Present
239.	Oahu	Navy, Barbers Point Naval Air Station	BRAC	BRAC Barbers Point, Navy Public Works Center	Low	Response	Hazard Present
240.	Oahu	Navy, Barbers Point Naval Air Station	BRAC	BRAC Barbers Point, Regional Groundwater System	Low	Assessment	Hazard Undetermined
241.	Oahu	Navy, Barbers Point Naval Air Station	BRAC	BRAC Barbers Point, Runway 11 Clear Zone	Low	Assessment	Hazard Undetermined
242.	Oahu	Navy, Barbers Point Naval Air Station	BRAC	BRAC Barbers Point, Sanitary Landfill	Low	Assessment	Hazard Present
243.	Oahu	Navy, Barbers Point Naval Air Station	BRAC	BRAC Barbers Point, Transformer Substations	Low	Response	Hazard Present
244.	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	IRP	PHFISC, Abandoned Tank	Low	Assessment	Hazard Undetermined
245.	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	IRP	PHFISC, Abandoned Underground Fuel	NFA	Response	No Hazard
246.	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	IRP	PHFISC, Building 4 & Open Storage	High	Remedy Selection Complete	Hazard Present

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
247.	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	IRP	PHFISC, Contaminated Groundwater	Low	Assessment	Hazard Undetermined
248.	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	IRP	PHFISC, Merry Point Old Diesel Purifier	Low	Assessment	Hazard Undetermined
249.	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	IRP	PHFISC, Pearl City Fuel Annex	Medium	Assessment	Hazard Undetermined
250.	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	IRP	PHFISC, PWC Gas Station Bldg 1326	Low	Assessment	Hazard Undetermined
251.	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	IRP	PHFISC, Surface Disposal Area	High	Assessment	Hazard Present
252.	Oahu	Navy, Marine Corps, Camp Smith	IRP	Camp HM Smith	High	Response	Hazard Present
253.	Oahu	Navy, Marine Corps, Camp Smith	IRP	Camp HM Smith UST CS007	Low	Assessment	Hazard Undetermined
254.	Oahu	Navy, Marine Corps, Camp Smith	IRP	Camp Smith, Old Pistol Range	High	Remedy Selection Complete	Hazard Present
255.	Oahu	Navy, Marine Corps, Camp Smith	IRP	Camp Smith, PCB Spill	High	Response	Hazard Managed With Engineering Controls
256.	Oahu	Navy, Marine Corps, Camp Smith	MMRP	Camp Smith, Skeet Range, SE Asia Jungle Village, Blank Fire Patrol Lanes	NFA	Assessment	No Hazard

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
257.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MMRP	Kaneohe Marine Corps Base Hawaii MMRP	Medium	Assessment	Hazard Undetermined
258.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, AST 1253	Medium	Remedy Selection Complete	Hazard Present
259.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Battery Shop Building 373	Low	Assessment	Hazard Undetermined
260.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Building 1091 Oil Transfer Area	Low	Assessment	Hazard Undetermined
261.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Building 3052	Low	Assessment	Hazard Undetermined
262.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Building 368 Oil Spill	Low	Assessment	Hazard Undetermined
263.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Building 375 Oil Spill	Low	Assessment	Hazard Undetermined
264.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Building 454 Disposal Area	Low	Assessment	Hazard Undetermined

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
265.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Building 536 Solvent Disposal	Low	Assessment	Hazard Undetermined
266.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, End of Runway Disposal Area	Low	Assessment	Hazard Undetermined
267.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Facility Depot Salvage Yard	Low	Assessment	Hazard Undetermined
268.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Fire Bomb Mixing Site	Low	Assessment	Hazard Undetermined
269.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Fire Fighting Training Area	Low	Response	Hazard Undetermined
270.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Fuel Farm Sludge Disposal Area	Low	Assessment	Hazard Undetermined
271.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Fuel Oil Pipeline	Low	Assessment	Hazard Undetermined
272.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, H-3 Sanitary Landfill	Low	Assessment	Hazard Undetermined

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
273.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MMRP	Kaneohe MCBH, Hand Grenade Range (Combat)	Low	Assessment	Hazard Undetermined
274.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MMRP	Kaneohe MCBH, Hand Grenade Range (Practice)	Low	Assessment	Hazard Undetermined
275.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, MAC Squad 2	Low	Assessment	Hazard Undetermined
276.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MMRP	Kaneohe MCBH, Moving Target Range	Low	Assessment	Hazard Undetermined
277.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Old Storage Behind Building 131	Low	Assessment	Hazard Undetermined
278.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Ordnance Demolition Area	Low	Assessment	Hazard Undetermined
279.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Pollock Field Oil Spill	Low	Assessment	Hazard Undetermined
280.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Quarry Pit Landfill	Low	Assessment	Hazard Undetermined

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
281.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Range Disposal Area	Low	Assessment	Hazard Undetermined
282.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MMRP	Kaneohe MCBH, Skeet & Trap Range	Low	Assessment	Hazard Undetermined
283.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MMRP	Kaneohe MCBH, Small Arms & Malfunction Range	Low	Assessment	Hazard Undetermined
284.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, TSF Molokai Paint Pit	Low	Assessment	Hazard Undetermined
285.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, UST KB-44	Low	Assessment	Hazard Undetermined
286.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, UST KB-73	Low	Assessment	Hazard Undetermined
287.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	Kaneohe MCBH, Various Transformer Locations	Low	Assessment	Hazard Undetermined
288.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MMRP	Kaneohe MCBH, Waikane Valley	High	Assessment	Hazard Present

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
289.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	MCBH Kaneohe Bay	Low	Assessment	Hazard Undetermined
290.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	MCBH Kaneohe Bay Building 1091	Low	Assessment	Hazard Undetermined
291.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	MCBH Kaneohe Bay Firebomb Mixing Area	Low	Assessment	Hazard Undetermined
292.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Navy	MCBH Kaneohe Bay Landfill	Low	Assessment	Hazard Undetermined
293.	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	IRP	MCBH Kaneohe Bay Skeet Shooting Range	Low	Assessment	Hazard Undetermined
294.	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	IRP	NAVCAM	Low	Assessment	Hazard Undetermined
295.	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	IRP	NCTAMS Wahiawa Landfill	High	Response	Hazard Managed With Engineering Controls

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
296.	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NPL	NCTAMSPAC Center Street	High	Response	Hazard Managed With Engineering Controls
297.	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	IRP	NCTAMSPAC Radio Transmitter Facility Lualualei	High	Assessment	Hazard Present
298.	Oahu	Navy, Naval Magazine Lualualei (West Loch Branch)	IRP	NAVMAG West Loch, 4th Street Coral Pit Landfill	High	Assessment	Hazard Present
299.	Oahu	Navy, Naval Magazine Lualualei (West Loch Branch)	MMRP	NAVMAG West Loch, Burning Pit MRS	Low	Response	Hazard Present
300.	Oahu	Navy, Naval Magazine Lualualei (West Loch Branch)	IRP	NAVMAG West Loch, Otto Fuel Waste Storage Area	Low	Assessment	Hazard Undetermined
301.	Oahu	Navy, Naval Magazine Lualualei (West Loch Branch)	IRP	NAVMAG West Loch, Vehicle Maintenance Facility	Low	Assessment	Hazard Undetermined
302.	Oahu	Navy, Naval Magazine Lualualei (West Loch Branch)	IRP	NAVMAG West Loch, West Loch Fuel Storage Facility AST	Low	Assessment	Hazard Undetermined
303.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	IRP	Naval Magazine Lualualei (Lualualei Branch)	Low	Assessment	Hazard Undetermined
304.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	IRP	NAVMAG LLL, Auxiliary Power Building 77	Low	Assessment	Hazard Undetermined

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
305.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	IRP	NAVMAG LLL, Building 4 Pesticide Shop	Medium	Remedy Selection Complete	Hazard Present
306.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	IRP	NAVMAG LLL, Central Operations Area	Low	Assessment	Hazard Undetermined
307.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	MMRP	NAVMAG LLL, Emergency Open Detonation Area	Low	Remedy Selection Complete	No Hazard
308.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	IRP	NAVMAG LLL, Fill Area	Low	Assessment	Hazard Undetermined
309.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	MMRP	NAVMAG LLL, Former Emergency Detonation Area	Low	Assessment	Hazard Undetermined
310.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	MMRP	NAVMAG LLL, Homemade Incinerator	High	Assessment	Hazard Present
311.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	MMRP	NAVMAG LLL, Ordnance Burning Area 341/347	Low	Assessment	Hazard Undetermined
312.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	IRP	NAVMAG LLL, Outlying Operations Area	Low	Assessment	Hazard Undetermined
313.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	MMRP	NAVMAG LLL, Rocket Test Range-HH	Low	Assessment	Hazard Undetermined
314.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	MMRP	NAVMAG LLL, Rocket Test Range-TF	Low	Assessment	Hazard Undetermined

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
315.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	IRP	NAVMAG LLL, Salvage Yard - 524	Low	Assessment	Hazard Undetermined
316.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	MMRP	NAVMAG LLL, Small Arms Range	Low	Assessment	Hazard Undetermined
317.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	MMRP	NAVMAG LLL, Small Arms Range II	Low	Assessment	Hazard Undetermined
318.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	IRP	NAVMAG LLL, Stormwater & Sewer Water System	Low	Assessment	Hazard Undetermined
319.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	MMRP	NAVMAG LLL, Trap & Skeet Range	Low	Assessment	Hazard Undetermined
320.	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	IRP	NAVMAG LLL, Waipio Peninsula	High	Response	Hazard Present
321.	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	IRP	NAVMAG Waikele, Building 21	High	Response	Hazard Managed With Engineering Controls
322.	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	IRP	NAVMAG Waikele, Burn Pit/Disposal Area	Medium	Response	Hazard Managed With Engineering Controls
323.	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	IRP	NAVMAG Waikele, Contaminated Soil, Waipio	High	Assessment	Hazard Present
324.	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	IRP	NAVMAG Waikele, Herbicide/Fertilizer Mixing Area	Low	Assessment	Hazard Present

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
325.	Oahu	Navy, Naval Magazine Lualualei (Waikale Branch)	IRP	NAVMAG Waikale, USTs 50 & 51	Low	Assessment	Hazard Undetermined
326.	Oahu	Navy, Naval Magazine Pearl Harbor	MMRP	Naval Magazine Pearl Harbor MMRP	High	Assessment	Hazard Present
327.	Oahu	Navy, NAVCAMS EASTPAC Opana	Compliance	Opana (HI1170090053)	Low	Assessment	Hazard Undetermined
328.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Abandoned Firing Range	Low	Assessment	Hazard Undetermined
329.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Antenna 354 Disposal Area	Low	Assessment	Hazard Undetermined
330.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Antenna 403 Disposal Area	Low	Assessment	Hazard Undetermined
331.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Antenna 441 Disposal Area	Low	Assessment	Hazard Undetermined
332.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Building 1 Wells	Low	Assessment	Hazard Undetermined
333.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Building 4 Sump	Low	Assessment	Hazard Undetermined
334.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Building 6 Disposal Site	High	Response	Hazard Managed With Engineering Controls
335.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Building 65 Disposal Area	Low	Assessment	Hazard Undetermined
336.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, East Gulch Disposal Site	High	Assessment	Hazard Present
337.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Former Building 63 Tank	Low	Assessment	Hazard Undetermined
338.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Old Coral Pit	Low	Assessment	Hazard Undetermined

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339.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Old Incinerator Site	High	Remedy Selection Complete	Hazard Managed With Engineering Controls
340.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Old Wahiawa Landfill	High	Remedy Selection Complete	Hazard Managed With Engineering Controls
341.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Service Station Gulch	Medium	Assessment	Hazard Undetermined
342.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Sewage Ponds	Low	Assessment	Hazard Undetermined
343.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, Transformer Sites B-26 & 81	Low	Assessment	Hazard Undetermined
344.	Oahu	Navy, NCTAMS Pacific	IRP	NCTAMS, West Gulch Disposal Site	High	Assessment	Hazard Present
345.	Oahu	Navy, Pacific Missile Range Facility	MMRP	Pacific Missile Range Facility MMRP	Medium	Assessment	Hazard Undetermined
346.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Building 394 Battery Acid Pit	High	Assessment	Hazard Present
347.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Building 68 Electric Shop	Low	Assessment	Hazard Undetermined
348.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Building 8 Pearl Harbor Naval Shipyard	Low	Assessment	Hazard Undetermined
349.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Ford Island Landfill	Low	Assessment	Hazard Undetermined
350.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Former Public Works Center Industrial Waste Treatment Plant	High	Assessment	Hazard Present
351.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Hotel Pier Pearl Harbor	Low	Assessment	Hazard Undetermined

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352.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Makalapa Pesticide Pit	High	Response	No Hazard
353.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Naval Station Aiea Laundry	Low	Assessment	Hazard Undetermined
354.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	NAVBASE Pearl Harbor	Low	Assessment	Hazard Undetermined
355.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	NAVPWC Pearl Harbor	Low	Assessment	Hazard Undetermined
356.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	NAVSHIPYARD Pearl Harbor	Low	Assessment	Hazard Undetermined
357.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	NAVSTATION Pearl Harbor	Low	Assessment	Hazard Undetermined
358.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	NAVSUPPLYCTR Pearl Harbor	Low	Assessment	Hazard Undetermined
359.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Pearl City Fuel Annex	High	Assessment	Hazard Present
360.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Pearl City Junction	High	Response	Hazard Present
361.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Pearl City Landfill	Low	Assessment	Hazard Undetermined
362.	Oahu	Navy, Pearl Harbor Naval Complex	Navy	Pearl Harbor Hotel Pier 1 & 4	Low	Assessment	Hazard Undetermined
363.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Pearl Harbor Naval Base Subsurface Oil	Low	Assessment	Hazard Undetermined

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364.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Pearl Harbor Naval Center, Fletragra Firetest Area	Low	Assessment	Hazard Undetermined
365.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Pearl Harbor Naval Center, Makalapa Crater	Low	Assessment	Hazard Undetermined
366.	Oahu	Navy, Pearl Harbor Naval Complex	NPL	Pearl Harbor Naval Complex	High	Response	Hazard Present
367.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Pearl Harbor Naval Station	Low	Assessment	Hazard Undetermined
368.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Pearl Harbor Naval Supply Center	Low	Assessment	Hazard Undetermined
369.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Pearl Harbor Navy Public Works Center	Low	Assessment	Hazard Undetermined
370.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Pearl Harbor Navy Shipyard	Low	Assessment	Hazard Undetermined
371.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	Pearl Harbor Sediment Study	High	Assessment	Hazard Managed With Institutional Controls
372.	Oahu	Navy, Pearl Harbor Naval Complex	Navy	Pearl Harbor Shore Intermediate Maintenance Activity	Low	Assessment	Hazard Undetermined
373.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Aiea Laundry Building 436	High	Response	Hazard Present
374.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, B-60 Sludge Disposal Pit	Low	Assessment	Hazard Undetermined
375.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, B-660 Plating Shore Disposal	Low	Assessment	Hazard Undetermined

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376.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, B-660 Spent Acid Disposal	Low	Assessment	Hazard Undetermined
377.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Building 1754 NS-4 Site	NFA	Response	Hazard Managed With Institutional Controls
378.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Building 284 Engine Test Cell	Low	Assessment	Hazard Undetermined
379.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Building 39 Storm Drain Lines	Low	Assessment	Hazard Undetermined
380.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Building 43 Storm Drain Lines	Low	Assessment	Hazard Undetermined
381.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Building 472, OPS Department Storage	Low	Assessment	Hazard Undetermined
382.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Camel Refurbishing Area	Medium	Assessment	Hazard Undetermined
383.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Church Site Moanalua Housing	High	Assessment	Hazard Present
384.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, EPMU-6 B-1536 Lab O/W Pit	Low	Assessment	Hazard Undetermined
385.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Ford Island Building 284	High	Response	Hazard Managed With Engineering Controls
386.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Ford Island Landfill	High	Response	Hazard Present
387.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Ford Island Transformers	High	Remedy Selection Complete	Hazard Managed With Engineering Controls

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388.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Former Firefighting Training Area	High	Response	Hazard Managed With Engineering Controls
389.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Landing Pipeline	Medium	Response	Hazard Present
390.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Main Gate GSA, Remedial Action Area 1	NFA	Response	Hazard Managed With Engineering Controls
391.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Main Gate GSA, Remedial Action Area 10	NFA	Response	Hazard Managed With Engineering Controls
392.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Main Gate GSA, Remedial Action Area 11	Medium	Assessment	Hazard Present
393.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Main Gate GSA, Remedial Action Area 12	Medium	Response	Hazard Undetermined
394.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Main Gate GSA, Remedial Action Area 2	NFA	Response	Hazard Managed With Engineering Controls
395.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Main Gate GSA, Remedial Action Area 3	NFA	Response	Hazard Managed With Engineering Controls
396.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Main Gate GSA, Remedial Action Area 4	NFA	Response	Hazard Managed With Engineering Controls
397.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Main Gate GSA, Remedial Action Area 5	NFA	Response	Hazard Managed With Engineering Controls
398.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Main Gate GSA, Remedial Action Area 6	NFA	Response	Hazard Managed With Engineering Controls
399.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Main Gate GSA, Remedial Action Area 7	NFA	Response	Hazard Managed With Engineering Controls

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	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
400.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Main Gate GSA, Remedial Action Area 8	NFA	Response	Hazard Managed With Engineering Controls
401.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Halawa Main Gate GSA, Remedial Action Area 9	NFA	Response	Hazard Managed With Engineering Controls
402.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Hazardous Substance Storage Area	Low	Assessment	Hazard Undetermined
403.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Quarry Loch Oil Seepage	Low	Assessment	Hazard Undetermined
404.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Substation G, Building S-6	Medium	Assessment	Hazard Undetermined
405.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, UST 1 #1-77, #2-77, #3-77	Low	Assessment	Hazard Undetermined
406.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, UST BP-1	Low	Assessment	Hazard Undetermined
407.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, UST EP-1	Low	Assessment	Hazard Undetermined
408.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PHNC, Various Housing Sites	Medium	Assessment	Hazard Undetermined
409.	Oahu	Navy, Pearl Harbor Naval Complex	IRP	PWC Transformer Sites	Low	Assessment	Hazard Undetermined
410.	Oahu	Navy, Pearl Harbor Naval Complex	Navy	USN Fleet Training Group	Low	Assessment	Hazard Undetermined
411.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, Asbestos Contaminated Site N-W DD3	High	Response	Hazard Managed With Engineering Controls

Department of Defense Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
412.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, Building 215 Storm Drain Disposal	High	Response	Hazard Present
413.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, Building 8	High	Remedy Selection Complete	Hazard Present
414.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, Former Battery Acid Pit	Low	Assessment	Hazard Undetermined
415.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, Former Lab & Annex B451 & T25	Low	Assessment	Hazard Undetermined
416.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, Foundry, Building 6, New 03	High	Response	Hazard Present
417.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, NSY Transport Yard, New 02	Low	Assessment	Hazard Undetermined
418.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, Oscar 1 Pier Shoreline	High	Assessment	Hazard Present
419.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, Oscar 2 Pier	High	Remedy Selection Complete	Hazard Present
420.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, Storm/Sanitary Sewer Drain	Medium	Assessment	Hazard Undetermined
421.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, Sump Plating Tanks B67	Low	Assessment	Hazard Undetermined
422.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, UST 5 & 10	Low	Assessment	Hazard Undetermined
423.	Oahu	Navy, Pearl Harbor Naval Shipyard	IRP	PHNSY, UST Locations #11	Low	Assessment	Hazard Undetermined
424.	Oahu	Navy, Public Works Center	IRP	PHPWC, Building X24 & Wash Rack X6	Low	Assessment	Hazard Undetermined

Department of Defense Program List of Sites - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Program</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazard and Controls</u>
425.	Oahu	Navy, Public Works Center	IRP	PHPWC, Burn Area Near Pearl City Peninsula	Medium	Assessment	Hazard Undetermined
426.	Oahu	Navy, Public Works Center	IRP	PHPWC, Makalapa Landfill Area	Low	Assessment	Hazard Undetermined
427.	Oahu	Navy, Public Works Center	IRP	PHPWC, Makalapa Pesticide Rinsate	High	Response	No Hazard
428.	Oahu	Navy, Public Works Center	IRP	PHPWC, Oil Reclamation/Incineration (Naval Shipyard)	Low	Assessment	Hazard Undetermined
429.	Oahu	Navy, Public Works Center	IRP	PHPWC, Paint Shop Storage	High	Assessment	Hazard Present
430.	Oahu	Navy, Public Works Center	IRP	PHPWC, Various Transformers	Low	Assessment	Hazard Undetermined
431.	Oahu	Navy, Public Works Center	IRP	PHPWC, Various Transformers II	Low	Assessment	Hazard Undetermined
432.	Oahu	Navy, Public Works Center	IRP	PHPWC, Wastewater Treatment Plant Waste	Medium	Response	Hazard Undetermined

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LIST OF HAWAII STATE RESPONSE PROGRAM EMERGENCY RESPONSE NOTIFICATIONS

The Hawaii State Response Program Release Notification Log presented in this section 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 Hazardous Evaluation and Emergency Response (HEER) Office received a total of 315 notifications including 89 oil sheen notifications for the historic Chevron's Pipeline at Waiau CT10 area, for a total of 226 separate release cases. Notifications for actual releases of petroleum related substances numbered 187. HEER Office State On Scene Coordinators (SOSCs) performed direct oversight on 67 cases requiring on-site visits or off-scene coordination. Twenty-one cases were referred to the HEER Office Site Discovery, Assessment and Remediation (SDAR) Section for follow-on non-emergency cleanup prioritization and 32 cases were referred to other agencies.

HEER Office Emergency Response Actions - FY 2009

<u>Release Notifications*</u>	<u>Chevron Pipeline Oil Spill at Waiau CT10 Area Specific Notifications</u>	<u>Oil Related Responses</u>	<u>Other</u>	<u>Direct On-site or Off-site SOSC Oversight</u>	<u>Cases Referred</u>
226 *	89	187	50	On-site: 41 Off-site: 26	To HEER SDAR: 21 To Other: 32

* The 89 Chevron Pipeline Oil Spill at Waiau CT10 Area specific notifications are counted as one notification

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LIST OF HAWAII STATE RESPONSE PROGRAM EMERGENCY RESPONSE NOTIFICATIONS

Hawai'i State Response Program Release Notification Log - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Case Name</u>	<u>Case Number</u>	<u>Substance</u>	<u>Media</u>
1.	Hawaii	Hauula	Alleged Meth Lab at 53-014D Makao Road	20090420-1016	Unknown	Within Facility
2.	Hawaii	Hilo	728 Kalanikoa Street HHW	20081229-0930	Dimethyl Amine	Other
3.	Hawaii	Hilo	CALTECH Observatory NRC 905897	20090517-1503	Mineral Oil	Soil
4.	Hawaii	Hilo	Disposal of chemicals from an analytical lab on Hawaii	20080913-1024	None	Other
5.	Hawaii	Hilo	F/V Sinking NRC 893852	20090102-1225	Oil	Ocean
6.	Hawaii	Hilo	HELCO Pole Mount Transformer 21705	20081222-1435	Ergon Hy-Volt II Insulating Oil	Soil
7.	Hawaii	Hilo	Hilo Harbor Pier 3 Bldge discharge NRC 886438	20081007-0730	Bilge Waste	Ocean
8.	Hawaii	Hilo	Hilo Harbor Sheen 20081226-1830	20081226-1830	Sheen	Ocean
9.	Hawaii	Hilo	Hilo Medical Center Cogen Plant Oil Release	20090101-0950	Oil	Stream
10.	Hawaii	Hilo	Hydraulic fluid release NRC 905897	20090527-1500	Hydraulic Oil	Concrete
11.	Hawaii	Hilo	PT Automotive Release	20081008-1629	Antifreeze & Solvents	Soil
12.	Hawaii	Hilo	Tessoro Hilo Terminal 2 Lead	20090130-1055	Lead	Soil
13.	Hawaii	Hilo	Unknown Sheen NRC 886798	20081013-1030	Oil	Ocean
14.	Hawaii	Hilo	Wailuku River NRC 906052	20090519-0702	Sheen	Stream
15.	Hawaii	Hilo	Wailuku River NRC 906053	20090519-0703	Sheen	Stream
16.	Hawaii	Kailua-Kona	HELCO Pad mount transformer 17036	20090129-0943	Oil	Soil
17.	Hawaii	Kailua-Kona	HELCO Pad-Mount Transformer 7612	20090122-0859	Oil	Soil
18.	Hawaii	Kailua-Kona	HELCO Pole mounted transformer 19526	20090122-1025	Oil	Soil
19.	Hawaii	Kailua-Kona	HELCO Submersible Transformer 3139	20081222-1434	Ergon Hy-Volt II Insulating Oil	Soil
20.	Hawaii	Kailua-Kona	HELCO Submersible transformer 3139, Vault 1	20090122-0941	Oil	Soil
21.	Hawaii	Kailua-Kona	Kona International Airport NRC 893120	20081222-0534	JP - 8	Asphalt
22.	Hawaii	Kailua-Kona	Unknown Sheen 11012008	20081101-1142	Sheen	Ocean

LIST OF HAWAII STATE RESPONSE PROGRAM EMERGENCY RESPONSE NOTIFICATIONS

Hawai'i State Response Program Release Notification Log - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Case Name</u>	<u>Case Number</u>	<u>Substance</u>	<u>Media</u>
23.	Hawaii	Mountain View	HELCO Pole mounted transformer 15611	20090122-1034	Oil	Soil
24.	Hawaii	Mountain View	HELCO Pole mounted transformer 30962	20090122-0933	Oil	Soil
25.	Hawaii	Pahoa	F/V Unreel/ Small Girl Tuna	20081228-1048	Sheen	Ocean
26.	Hawaii	Pahoa	HELCO Pole mounted 14703	20090122-1016	Oil	Soil
27.	Kauai	Hanapepe	4709 Kane Road	20080827-1617	Pesticides & Disinfectants	Air
28.	Kauai	Kapaa	328 Hie Street	20090404-0838	Concrete washings	Storm Drain
29.	Kauai	Kapaa	Unknown Liquid Coconut Grove	20090413-1430	Unknown	Drum or Other Container
30.	Kauai	Kapaa	Unknown Liquid Coconut Grove II	20090424-1435	Unknown Liquid	Drum or Other Container
31.	Kauai	Lihue	John Kangas Mercury	20080812-1707	Mercury	Other
32.	Kauai	Lihue	Lihue Baseyard Cesspool Release	20090309-1257	Metals	Soil
33.	Kauai	Lihue	Lihue Baseyard Cesspool Release	20090309-1257	Oil	Soil
34.	Kauai	Lihue	Lihue Baseyard Cesspool Release	20090309-1257	PAHs	Soil
35.	Kauai	Lihue	Lihue Baseyard Cesspool Release	20090309-1257	VOCs	Soil
36.	Kauai	Lihue	paint in water Nawiliwili Harbor	20081028-1328	Paint (PSX700)	Ocean
37.	Kauai	Lihue	R/V Kai Bear NRC 881183	20080820-0632	Diesel Fuel	Ocean
38.	Kauai	Port Allen	Unknown Sheen NRC 892798	20081217-1443	Oil	Ocean
39.	Maui	Kahalui	Wharf 580 Kahalui, Maui	20090422-1731	Unknown	Other
40.	Maui	Kahana	Alleged Illegal Asbestos Removal at Noelani Condominiums	20080912-1727	Asbestos	Air
41.	Maui	Kahului	Hokuloa Diesel Release NRC 895660	20090123-0921	Diesel Fuel	Ocean
42.	Maui	Kahului	Kahului Border's Plumbing Problems	20081230-1330	Sodium Hypochlorite	Air
43.	Maui	Kahului	Kahului Border's Plumbing Problems	20081230-1330	Sulfuric Acid	Air
44.	Maui	Kahului	MECO Pad Mount Transformer # 7957	20081230-1312	Ergon Hy-Volt II Insulating Oil	Soil
45.	Maui	Kahului	MECO Pole Mount Transformer 2360	20090403-1048	Ergon Hyvolt II	Soil
46.	Maui	Kahului	Meco Pole Mount Transformer 2845	20090521-1346	Ergon HYVOLT II	Soil

LIST OF HAWAII STATE RESPONSE PROGRAM EMERGENCY RESPONSE NOTIFICATIONS

Hawai'i State Response Program Release Notification Log - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Case Name</u>	<u>Case Number</u>	<u>Substance</u>	<u>Media</u>
47.	Maui	Kahului	Windward Aviation Jet A Spill	20081118-1455	Jet Fuel A	Concrete
48.	Maui	Kihei	Maui Gas Tank Truck Propane Release	20090128-1345	Propane	Air
49.	Maui	Kihei	MECO Pad mount transformer 11098	20090122-1220	Oil	Soil
50.	Maui	Kihei	MECO Pad Mount Transformer 6330	20090515-1007	Shell Diala Oil	Soil
51.	Maui	Kihei	MECO Pad Mount Transformer 8940	20090515-1008	Shell Dalia	Soil
52.	Maui	Kihei	Pad Mount 11886	20090515-1027	Shell Dalia	Soil
53.	Maui	Kula	Kula transformers (MECO)	20090116-2100	Transformer Oil	Soil
54.	Maui	Lahaina	Maui Electric Pad-Mount Transformer No.4693 Release	20080902-1403	PCB	Soil
55.	Maui	Lahaina	Maui Unknown Sheen NRC 904246	20090430-1050	Sheen	Ocean
56.	Maui	Lahaina	Napili A Wells Chlorine Release	20090420-1400	Chlorine	Air
57.	Maui	Makawao	1315 Olinda Road Alleged Oil Release	20081030-1200	Oil	Soil
58.	Maui	Makawao	MECO Pole mount transformer 6259	20090122-1210	Oil	Soil
59.	Maui	Wailuku	Illegal Dumping behind 211 Kawaipuna Place	20080914-1004	Unknown	Soil
60.	Maui	Wailuku	Pole Mount Transformer 2834	20080710-1150	Ergon Hy-Volt II Insulating Oil	Soil
61.	Maui	Wailuku	Pole Mount Transformer 3461	20080710-1151	Ergon Hy-Volt II Insulating Oil	Soil
62.	Molokai	Kaunakakai	M/V Nalukea Sinking	20090417-1429	Gasoline	Ocean
63.	Molokai	Laau Point	Unknown Vessel Grounding at Laau Point	20081011-1602	None	Ocean
64.	Molokai	Maunaloa	Lucky's Gas and Oil UST release	20090409-1600	Oil	Soil
65.	Oahu	Aliamanu	Navy Marine Golf Course Warehouse Fire	20080913-1538	Unknown	Air
66.	Oahu	Barber's Point	Hai Soon Paint Thinner Release	20080911-1025	Paint Thinner	Ocean
67.	Oahu	Ewa Beach	Diesel Odor Ewa Beach NRC 895928	20090127-0649	Diesel Odor	Air
68.	Oahu	Ewa Beach	Makekula buckets	20090414-1714	Unknown Liquid	Drum or Other Container
69.	Oahu	Hakalau	Hakalau Stream sheen	20080906-1713	Sheen	Stream

LIST OF HAWAII STATE RESPONSE PROGRAM EMERGENCY RESPONSE NOTIFICATIONS

Hawai'i State Response Program Release Notification Log - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Case Name</u>	<u>Case Number</u>	<u>Substance</u>	<u>Media</u>
70.	Oahu	Haleiwa	Alleged Contaminated Taro Farms from Flash Flood	20090121-1246	Unknown	Soil
71.	Oahu	Haleiwa	Kamehameha School / Opaeha Drum Dumping Haleiwa	20080812-1230	Petroleum Hydrocarbon	Soil
72.	Oahu	Haleiwa	Site 809H1010400 Haleiwa Landing Field	20090401-0910	Oil	Soil
73.	Oahu	Hickam AFB	Hickam Former Building 2156 AST	20090122-1245	Jet Fuel	Soil
74.	Oahu	Hickam Air Force Base	Hickam Abandoned Pipeline - Building 2093	20090423-1610	Oil	Groundwater
75.	Oahu	Hickam Air Force Base	ST34 Clear Water Rinse Facility Construction Site	20081119-1330	Petroleum-contaminated soil	Soil
76.	Oahu	Honolulu	1336 Dillingham Blvd.	20090213-1326	Chlorinated Cleaners TPH-Diesel	Groundwater
77.	Oahu	Honolulu	1618 Makiki Street Abandoned Pesticides	20090319-1027	Pesticides	Within Facility
78.	Oahu	Honolulu	1646 Kapiolani Blvd	20090419-2048	Gasoline	Storm Drain
79.	Oahu	Honolulu	356 Pacific Street BWS Trenching Sheen	20080909-1450	Oily Soil	Soil
80.	Oahu	Honolulu	411 & 439 Pacific Street Odor	20090108-1030	Unknown	Air
81.	Oahu	Honolulu	5 drums	20090325-1400	Oil	Other
82.	Oahu	Honolulu	609 Waiakamilo Road Diesel Release	20090331-1230	Diesel Fuel	Groundwater
83.	Oahu	Honolulu	700 N Nimitz IDPP Release	20081204-1001	Oil	Soil
84.	Oahu	Honolulu	755 N Nimitz Hwy	20081118-0855	Oil	Soil
85.	Oahu	Honolulu	Air Service Hawaii NRC 906088	20090519-1156	Jet A	Asphalt
86.	Oahu	Honolulu	Ala Wai Boat Harbor NRC 908638	20090615-1052	Gasoline	Ocean
87.	Oahu	Honolulu	Ala Wai Harbor Sheen Piers S-G	20081210-1620	Sheen	Ocean
88.	Oahu	Honolulu	Ala Wai Pipeline Chemical Odor	20080816-0909	Hydrogen Sulfide	Air
89.	Oahu	Honolulu	Alewa Heights Drive Abandon Drum 10/03/08	20081003-1322	Abandon Drum	Asphalt
90.	Oahu	Honolulu	Alii 1 Roadway on Kukahi Odorous PCS	20081031-0837	Unknown	Air
91.	Oahu	Honolulu	Allegation of a "dead body odor"	20081128-1110	Unknown	Air

LIST OF HAWAII STATE RESPONSE PROGRAM EMERGENCY RESPONSE NOTIFICATIONS

Hawai'i State Response Program Release Notification Log - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Case Name</u>	<u>Case Number</u>	<u>Substance</u>	<u>Media</u>
92.	Oahu	Honolulu	Ameron Sand Island Motor Oil	20081031-1001	Motor Oil	Soil
93.	Oahu	Honolulu	ASIG Fuel Release NRC 878273	20080723-1500	Jet Fuel	Groundwater
94.	Oahu	Honolulu	BBC Tasmania Oil Release 11052008	20081105-1717	Oil	Ocean
95.	Oahu	Honolulu	chemical odor	20080928-2033	Unknown	Air
96.	Oahu	Honolulu	Clean Islands Council's 21' Whaler oil sheen	20090120-1150	Hydraulic Oil	Ocean
97.	Oahu	Honolulu	Concern over corroded computer mouse battery	20081107-1755	None	Soil
98.	Oahu	Honolulu	Cracked drain line	20080822-1130	Jet A fuel	Soil
99.	Oahu	Honolulu	Dead Birds	20081104-1308	Unknown	Within Facility
100.	Oahu	Honolulu	Gate 60 JP-Release NRC 886323	20081006-0747	JP-1	Asphalt
101.	Oahu	Honolulu	Green Substance Ala Wai Canal	20081225-1820	Rodamine Dye	Stream
102.	Oahu	Honolulu	Hauoli Street "odor"	20081107-2328	None	Air
103.	Oahu	Honolulu	Hawaii Superferry	20080915-1110	Hydraulic Fluid	Ocean
104.	Oahu	Honolulu	HECO Release Near Zippy's Nimitz	20081029-0747	Oil	Soil
105.	Oahu	Honolulu	Honolulu Harbor Pier 27/SPM diesel spill	20090625-0736	off-road diesel	Ocean
106.	Oahu	Honolulu	Honolulu Harbor Sheen NRC 905798	20090516-0705	Sheen	Ocean
107.	Oahu	Honolulu	Honolulu Harbor Sheen NRC 905955	20090518-0845	Sheen	Ocean
108.	Oahu	Honolulu	Hydraulic Oil Spill Pier 39	20080721-1235	Hydraulic Fluid	Ocean
109.	Oahu	Honolulu	Iwilei and Summer PCS	20080721-1502	Oil	Soil
110.	Oahu	Honolulu	Kewalo Basin Oil Sheen NRC 881248	20080820-0835	Oil	Ocean
111.	Oahu	Honolulu	Kewalo Basin Sheen	20081230-1250	Sheen	Ocean
112.	Oahu	Honolulu	Kewalo Basin Sheen 12-27-08	20081228-1047	Sheen	Ocean
113.	Oahu	Honolulu	K-Sea Transportation Pier 21 Release	20080815-1815	Diesel Fuel	Ocean
114.	Oahu	Honolulu	Kukahi Street pipeline release contaminated soils	20080718-1600	Oil	Soil
115.	Oahu	Honolulu	M/V ShinCoop Maru	20081229-1743	Diesel Fuel	Ocean
116.	Oahu	Honolulu	Matson Drum Release NRC 894043	20090105-1510	Resin - Part B of a wooden deck sealant	Asphalt

LIST OF HAWAII STATE RESPONSE PROGRAM EMERGENCY RESPONSE NOTIFICATIONS

Hawai'i State Response Program Release Notification Log - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Case Name</u>	<u>Case Number</u>	<u>Substance</u>	<u>Media</u>
117.	Oahu	Honolulu	Matson Navigation Co	20081226-1120	Sulfuric Acid	Ocean
118.	Oahu	Honolulu	Mercury in CFL light bulb inquiry	20081111-1554	Mercury	Air
119.	Oahu	Honolulu	Moana Pacific Condo	20090217-1022	Diesel Fuel	Asphalt
120.	Oahu	Honolulu	Mystery Sheen NRC 893840	20090102-0830	Oil	Ocean
121.	Oahu	Honolulu	Niu Valley Fuligo Septica	20090122-1330	Fuligo Septica	Soil
122.	Oahu	Honolulu	NRC 891188	20081128-1138	Gasoline	Ocean
123.	Oahu	Honolulu	Nuuanu/ Old Pali Road	20081230-1003	Solid Waste	Soil
124.	Oahu	Honolulu	Old Pali Road 10-05-08 - Abandon 5 gal cans	20081005-1405	Paint Thinner	Soil
125.	Oahu	Honolulu	P/C Gypsy Aground	20090113-1215	Diesel Fuel	Ocean
126.	Oahu	Honolulu	Petroleum oil on Sidewalk	20081101-0340	Motor Oil	Concrete
127.	Oahu	Honolulu	Pier 13 Oily Water Release	20090421-1606	Oil Water Mixture	Ocean
128.	Oahu	Honolulu	Pole Mount Transformer 16747	20081210-1035	Shell Diala Oil	Asphalt
129.	Oahu	Honolulu	Possible Dynamite sticks	20090406-1535	Possible dynamite	Drum or Other Container
130.	Oahu	Honolulu	Prospect Street abandoned 5 cans	20090331-1245	Paint Thinner	Other
131.	Oahu	Honolulu	Red Apple Airlines NRC 893765	20081231-1331	JP-8	Asphalt
132.	Oahu	Honolulu	Sewage Spill NRC 889980	20081113-1345	Sewage	Ocean
133.	Oahu	Honolulu	Superferry Hydraulic Oil Release on 8/15/2008	20080815-0220	Hydraulic	Ocean
134.	Oahu	Honolulu	Trichodesmium	20080813-0900	Unknown	Ocean
135.	Oahu	Honolulu	UH-Manoa Halon 1301 Release	20090202-1100	Halon 1301	Air
136.	Oahu	Honolulu	Unknown Sheen 896941 and 896942	20090209-0145	Diesel Fuel	Ocean
137.	Oahu	Honolulu	Unknown Sheen NRC 892794	20081217-1415	Oil	Ocean
138.	Oahu	Honolulu	Unknown Sheen Pier 33	20080917-0824	Oil	Ocean
139.	Oahu	Honolulu	USCG Cutter Walnut NRC 886377	20081006-1530	Oil	Ocean
140.	Oahu	Honolulu	USCG Launch Boat Oil Release	20090122-1310	Gear Oil	Ocean
141.	Oahu	Honolulu	USS Port Royal (CG 73) Aground	20090206-0600	2190 Oil (Lubricating Oil)	Ocean

LIST OF HAWAII STATE RESPONSE PROGRAM EMERGENCY RESPONSE NOTIFICATIONS

Hawai'i State Response Program Release Notification Log - FY 2009

	<u>Island</u>	<u>Locality</u>	<u>Case Name</u>	<u>Case Number</u>	<u>Substance</u>	<u>Media</u>
142.	Oahu	Honolulu	USS Port Royal (CG 73) Aground	20090206-0600	Diesel Fuel	Ocean
143.	Oahu	Honolulu	Vessel Maeisk Phaukte	20080708-1118	DODECYL Phenol	Other
144.	Oahu	Honolulu	Zippy's Contamination IDPP led remediation	20081029-0827	Oil	Soil
145.	Oahu	Kaaawa	Lee Trucking/Bio Care of Hawaii Collision	20090429-1330	Diesel Fuel	Asphalt
146.	Oahu	Kahaluu	HECO Pole mount Transformer 56646	20090210-2345	Oil	Asphalt
147.	Oahu	Kahului	Kahului Community Center Park	20090116-0835	Transformer Oil	Soil
148.	Oahu	Kailua	3212 Martha Street	20081120-0700	Oil	Soil
149.	Oahu	Kailua	566 Kipuka Bromide Tablets	20090406-2024	Bromide	Air
150.	Oahu	Kailua	Allegations of use of used needles	20081107-1736	Infectious waste	Other
151.	Oahu	Kailua	P/C #HA8087E aground	20081129-1417	None	Ocean
152.	Oahu	Kailua	Unknown Odor at 508 Kaiemi Street	20081009-1100	Unknown	Air
153.	Oahu	Kailua-Kona	HELCO Pad mount transformer 26581	20090122-0958	Oil	Soil
154.	Oahu	Kailua-Kona	HELCO Pad mount transformer 26582	20090122-1039	Oil	Soil
155.	Oahu	Kalaeloa	Kalaeloa Harbor Pier 5 Unknown Sheen	20090617-1930	Sheen	Ocean
156.	Oahu	Kaneohe	45-342 Lilipuna Road Unit 105 odor	20080915-0739	Solvent	Soil
157.	Oahu	Kaneohe	45-535 Pahia Road	20081006-1115	Gasoline	Soil
158.	Oahu	Kaneohe	Pukiki Tree Service Drums	20080929-1000	Cooking Oil	Drum or Other Container
159.	Oahu	Kaneohe	Sheen NRC 894498	20090112-0609	Oil	Ocean
160.	Oahu	Kapolei	91-230 Kaana Place	20090419-2043	Engine degreaser	Storm Drain
161.	Oahu	Kapolei	BEI One-Ton Chlorine Cylinder	20090522-1330	Chlorine	Air
162.	Oahu	Kapolei	Chevron NOX Release	20081226-2110	NOX	Air
163.	Oahu	Kapolei	Chevron Pipeline	20090404-1016	Water	Soil
164.	Oahu	Kapolei	Chevron Refinery red water release	20090428-1127	Unknown	Ocean
165.	Oahu	Kapolei	Diesel INS	20081211-1330	Sludge	Soil
166.	Oahu	Kapolei	Explosion at Philip Services Corporation	20081209-0000	Oil	Other

LIST OF HAWAII STATE RESPONSE PROGRAM EMERGENCY RESPONSE NOTIFICATIONS

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	<u>Island</u>	<u>Locality</u>	<u>Case Name</u>	<u>Case Number</u>	<u>Substance</u>	<u>Media</u>
167.	Oahu	Kapolei	former Chemwood CCA dumping	20081009-1620	Chromated Copper Arsenate	Asphalt
168.	Oahu	Kapolei	Hawaii Logistic Services anhydrous ammonia release	20090601-1610	Anhydrous ammonia	Air
169.	Oahu	Kapolei	Hawaiian Cement 12/01/08 Release	20081201-1130	Diesel Fuel	Concrete
170.	Oahu	Kapolei	HECO Kahe Power Plant Forklift Release NRC 903264	20090420-1055	Hydraulic Oil	Ocean
171.	Oahu	Kapolei	North South Road Project	20081204-0825	Hydraulic Oil	Soil
172.	Oahu	Kapolei	NRC 889642 sheen	20081110-1025	Sheen	Stream
173.	Oahu	Kapolei	oil in excavated pit	20080814-0907	Petroleum	Groundwater
174.	Oahu	Kapolei	potential NOX exceedance	20081027-1544	NOX	Air
175.	Oahu	Kapolei	Tank 158 Release	20081210-2301	Vacuum gasoil	Soil
176.	Oahu	Kapolei	Terminal Gasoline Release NRC 891608	20081203-1352	Gasoline	Concrete
177.	Oahu	Kapolei	Tesoro Exceedance SO2 emissions	20081217-1642	Sulfur Dioxide	Air
178.	Oahu	Kapolei	Tesoro Single Point Mooring (SPM) Maintenance Project 20080915-0818	20080915-0818	Oil	Ocean
179.	Oahu	Kapolei	Used Oil Storage Tank #5 Explosion	20081007-1409	Used Motor Oil	Soil
180.	Oahu	Lualualei	Rainbow Farms Alleged Odors	20080828-1344	None	Air
181.	Oahu	Manoa	2761 Puuhonua St, Manoa, Honolulu 96822	20080902-0927	creosote wood treating	Asphalt
182.	Oahu	Mililani	Petroleum Odor 12-15-2008	20081215-0930	petroleum Odor	Air
183.	Oahu	Palolo	Palolo Avenue Spill - CCFM	20090624-1045	Oil	Asphalt
184.	Oahu	Pearl City	10" x 10" sheen	20081027-1106	Oil	Stream
185.	Oahu	Pearl City	888563 sheen	20081028-1015	Oil	Stream
186.	Oahu	Pearl City	Kapolei Goodwill Abandon paints & solvents	20081207-1756	Paints & solvents	Asphalt
187.	Oahu	Pearl City	Nobles Transmission Oil	20081021-1120	Transmission Oil	Soil
188.	Oahu	Pearl City	NRC 881464	20080822-1040	Sheen	Ocean
189.	Oahu	Pearl City	NRC 881774	20080825-1215	Sheen	Ocean
190.	Oahu	Pearl City	Oil sheen NRC# 894912	20090115-1009	Oil Sheen	Ocean

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	<u>Island</u>	<u>Locality</u>	<u>Case Name</u>	<u>Case Number</u>	<u>Substance</u>	<u>Media</u>
191.	Oahu	Pearl City	Sheen 888141	20081023-1021	Oil	Stream
192.	Oahu	Pearl City	Sheen observed NRC 881398	20080821-1205	Sheen	Ocean
193.	Oahu	Pearl Harbor	Chevron Waiau CT 10 Pond Release - total of 89 notifications	20090402-1052	Sheen	Ocean
194.	Oahu	Pearl Harbor	Diesel Release "B" Pier 25	20081004-1547	Diesel Fuel	Ocean
195.	Oahu	Pearl Harbor	NOAA Oscar Elton Sette Hydraulic Oil Release	20090122-1230	Hydraulic Oil	Ocean
196.	Oahu	Pearl Harbor	NOAA Oscar Elton Sette NRC 894447	20090112-0608	Fuel Oil #2	Ocean
197.	Oahu	Pearl Harbor	NRC 884030	20080915-1711	F76 Fuel Oil	Ocean
198.	Oahu	Pearl Harbor	Overseas Puget Sound NRC 883839	20080915-0644	Oil	Ocean
199.	Oahu	Pearl Harbor	Sheen NRC 884048	20080915-0624	Oil/water mixture	Ocean
200.	Oahu	Pearl Harbor	Unknown Sheen 902779	20090415-1130	Oil	Ocean
201.	Oahu	Pearl Harbor	USCG Walnut NRC 882114	20080828-1005	Hydraulic	Ocean
202.	Oahu	Pearl Harbor	USS Boxer JP Release NRC 895586	20090122-1515	JP-5	Ocean
203.	Oahu	Pearl Harbor	USS Louisville Hydraulic oil release	20090408-1445	Hydraulic Oil	Ocean
204.	Oahu	Wahiawa	C&C Refuse Hydraulic Oil Release	20090401-0920	Hydraulic Oil	Storm Drain
205.	Oahu	Wahiawa	Diesel Release 02-02-2009	20090202-1315	Diesel Fuel	Asphalt
206.	Oahu	Wahiawa	Leilehua High School Sodium Hydroxide Spill	20090325-1045	Sodium Hydroxide	Within Facility
207.	Oahu	Wahiawa	Schofield Area X Release	20081020-1150	Petroleum	Soil
208.	Oahu	Wahiawa	Schofield non-release 11/15/2008	20081128-1205	None	Asphalt
209.	Oahu	Wahiawa	Schofield SBC Motorpool Release	20081224-1345	Oil	Soil
210.	Oahu	Wahiawa	Shari Ann Nixon	20090518-1021	Unknown	Within Facility
211.	Oahu	Waianae	86-348 Puhawaii Road	20080904-0835	Construction Debris	Stream
212.	Oahu	Waianae	Foul odor	20080821-1020	Unknown	Air
213.	Oahu	Waianae	HECO CIP Duct line/Chevron pipeline intersect	20080902-1620	Crude Oil	Groundwater
214.	Oahu	Waianae	Sheen NRC 882768	20080904-1435	Oil	Ocean

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215.	Oahu	Waianae	Waianae Boat Harbor NRC 908435	20090612-2038	Sheen	Ocean
216.	Oahu	Waimanalo	Amphibious Assault Vehicle Sinking	20090113-1130	Coolant, Waste Engine	Ocean
217.	Oahu	Waimanalo	Amphibious Assault Vehicle Sinking	20090113-1130	Diesel	Ocean
218.	Oahu	Waimanalo	Amphibious Assault Vehicle Sinking	20090113-1130	Hydraulic	Ocean
219.	Oahu	Waimanalo	Amphibious Assault Vehicle Sinking	20090113-1130	Oil	Ocean
220.	Oahu	Waimanalo	County Refuse Truck Dumping	20090203-1009	Unknown	Asphalt
221.	Oahu	Waipahu	94-078 Leokane Street Odors	20081006-1313	Unknown	Air
222.	Oahu	Waipahu	94-235 Puamano Place Unknown Odor	20080911-1400	Unknown	Air
223.	Oahu	Waipahu	Dumping at property	20080822-1024	bricks	Soil
224.	Oahu	Waipahu	Dumping at property	20080822-1024	dirt	Soil
225.	Oahu	Waipahu	Dumping at property	20080822-1024	masonry debris	Soil
226.	Oahu	Waipahu	Soares' Truck Rental Diesel Release	20090307-0957	Diesel Fuel	Storm Drain