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**REPORT TO THE TWENTY-EIGHTH LEGISLATURE  
STATE OF HAWAII  
2016**

**PURSUANT TO CHAPTERS 128D AND 128E, HAWAII REVISED STATUTES,  
REQUIRING THE DEPARTMENT OF HEALTH TO REPORT  
ENVIRONMENTAL RESPONSE LAW AND  
HAWAII EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT  
FINANCIAL AND ENVIRONMENTAL SITE INFORMATION  
FY2015**

**PREPARED BY:  
DEPARTMENT OF HEALTH  
STATE OF HAWAII  
DECEMBER 2015**

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**EXECUTIVE SUMMARY**  
**REPORT ON THE ENVIRONMENTAL RESPONSE REVOLVING FUND**  
**FOR FISCAL YEAR 2015**

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

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

The report presents an accounting of FY2015 Chapter 128D, HRS, Environmental Response Revolving Fund (ERRF) budget and expenditures for five Environmental Health Administration (EHA) programs. The report also presents an accounting of Chapter 128E, HRS, HEPCRA Tier II filing fees collected and distributed for FY2015.

**ERRF Support to Five Environmental Health Administration Programs**

The ERRF funded five Environmental Health Administration (EHA) programs with 31 occupied positions. They are the Hazard Evaluation and Emergency Response (HEER) Office, Environmental Management Division (EMD), Clean Water Branch (CWB), Safe Drinking Water Branch (SDWB), and the Solid and Hazardous Waste Branch (SHWB). The 2015 Legislature changed the means of financing for all 31 occupied positions from ERRF to general funds and eliminated 10 vacant positions, effective July 1, 2015.

**Revenue**

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

Oil tax revenue to DOH in FY2015 was \$1,236,065.09. Total revenue to the ERRF, including the oil tax revenue, was \$2,540,890.

**Budget and Expenditure**

The legislature appropriated \$5,212,631 for operating expenses and 31 occupied positions to the Environmental Management Division (EMD) and Hazard Evaluation and Emergency Response (HEER) Office

The state expended \$2,826,792 for the five programs.

**DOH Oil Tax Revenue Declining**

The 5-cent per barrel “environmental response tax” revenue to environmental programs is in decline. For fiscal years 2011, 2012, 2013, 2014, and 2015 oil tax revenue was \$1,402,836, \$1,314,717, \$1,294,756, \$1,239,739, and \$1,236,065 respectively.

**2015 Legislative Changes to HRS 128D and HRS 243 to Affect ERRF in FY2016**

In July, 2015, Governor Ige signed into law revisions to Section §128D-2 to limit the uses of the fund and remove references to food security and sustainable energy development. In addition, revisions to §243-3.5 modified the Environmental Response, Energy and Food Security Tax to add a 19 cent tax on each one million British thermal units of additional fossil fuels and to allocate 4.8% of said tax to the ERRF. The change in the means of finance for the 31 occupied positions from ERRF to general also took effect in July 2015. Changes affecting the ERRF will be reported in detail in the FY2016 Report to the Legislature.

**Hawaii State Response Program Impacted by Federal Budget Cuts**

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

## EXECUTIVE SUMMARY

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The United States Environmental Protection Agency's (EPA) budget cuts from 2010 to 2016 resulted in a net loss of \$363,000 to our EPA State Response Program (SRP) grant, reducing funding for both staff and program activities. While the SRP allocation remained stable between 2014 and 2015 at \$980,850, our FY2016 allocation dropped \$937,000. The smaller Preliminary Assessment/Site Investigation (PA/SI) grant which funds site discovery activities has been cut from \$275,000 in 2013 to the 2015 allocation of \$223,000, but has been temporarily restored for FY2016 to \$275,000.

EPA has notified HEER that the SRP grant allocation for 2016 is likely to decrease substantially due to a proposed change in the EPA allocation formula. Future funding levels for PA/SI are expected to drop back to no more than \$225,000 in 2017.

### **The Hawaii State Response Program (HSRP) Site Lists**

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

First, per HRS 128D, this annual report identifies Sites Eligible for Possible Remedial Action Under The Comprehensive Environmental Response Compensation and Liability Act (CERCLA). Three of these sites are listed on the National Priorities List (NPL). Eight other Hawaii sites met initial criteria for listing on the NPL. Responsibility for oversight of these sites has been transferred to the HEER Office.

Secondly, the *FY2015 Hawaii State Response Program (HSRP) Chemical Release Notification Log* lists 271 hazardous substance and petroleum release notifications managed by the HEER Office State On-Scene Coordinators (SOSCs). HEER identified 200 cases directly related to petroleum releases.

Thirdly, the *Hawaii State Response Program List of Priority Sites* presents all non-military Hawaii sites identified for potential or known non-emergency response actions under HRS 128D. The list shows 460

active sites under direct DOH oversight in the various State programs. This includes 35 new sites added during the last fiscal year, and 29 sites with known or suspected contamination that received No Further Action (NFA) determinations since 6/30/15.

Finally, the *Hawaii State Response Program Defense and State Memorandum of Agreement (DSMOA) Program List of Priority Sites* presents a list of 362 military sites in Hawaii for which HEER's Site Discovery and Remediation (SDAR) section provides oversight. This includes 20 new DSMOA site listings and 27 sites with known or suspected contamination that received NFA determinations.

SDAR provides regulatory oversight of hazardous substance response actions for DOD service branches under federal CERCLA authorities and HRS 128D. Sites include numerous high priority unexploded ordnance sites (UXO), and multiple diverse military operations, including tank farms, pipelines, industrial activities and active training sites. A DOD cooperative agreement funds investigation, cleanup and DOH oversight of most military sites under EPA CERCLA authority. Investigation and cleanup of petroleum-contaminated military sites are exempt under CERCLA, and are conducted under HRS 128D authority. Cleanup and DOH oversight for petroleum related activities are also covered under the cooperative funding agreements.

### **Hawaii Department of Health Website**

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

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

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

### Environmental Response Revolving Fund (ERRF) Budget Report

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

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

The Department notes that the legislative changes to HRS 128D, enacted in July, 2015, alter the statutory uses of the ERRF. These changes will be reflected in the 2016 Report to the Legislature.

#### ERRF Uses

128D, HRS ERRF uses are:

Removal or remedial actions consistent with Chapter 128D to deal with oil spills and hazardous substance releases.

Oil spill planning, prevention, preparedness, education, research, training, removal, and remediation.

Direct support for county used oil and 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 Attorney General

The HEER Office receives key legal support from the state Department of Attorney General on a variety of issues including issuing orders to noncompliant parties, negotiating agreements with Voluntary Response Program participants, providing legal guidance on program development and legislative proposals, and developing guidance for property owners on

implementation of deed restrictions in accordance with Hawaii's Uniform Environmental Covenant Act.

#### Special Funding to County's Oil Recycling Program

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

#### Annual de minimis Settlements

Chapter 128D, HRS, Environmental Response Law, requires that the department report annually on any de minimis settlements. During FY2015, there were no de minimis settlements.

#### Five Environmental Health Program Budgets

The legislature appropriated \$5,212,631 for operating expenses and 31 positions to the Environmental Management Division (EMD) and the Hazard Evaluation and Emergency Response (HEER) Office.

The state expended \$2,826,792 for the five programs.

#### Fund Revenue

Revenue is generated in variable amounts during any given year from the fines, penalties, and interest earned by the environmental programs, and from the "environmental response oil tax". The "environmental response tax" deposited to the ERRF for DOH use is a state revenue tax of five cents per barrel, or fractional part of a barrel, of petroleum product sold by a distributor to any retail dealer or end user, other than a refiner of petroleum product. The oil tax revenue is one of decline. Oil tax revenue for the past five fiscal years is as follows: 2011 (\$1,402,836), 2012 (\$1,314,717), 2013 (\$1,294,756), 2014 (\$1,239,739), and 2015 (\$1,236,065).

**Environmental Response Revolving Fund Revenue – FY2015**

HTH 849 and HTH 840

ENVIRONMENTAL RESPONSE TAX	1,236,065
PRIVATE WASTEWATER TREATMENT WORKS PERMIT PROGRAM	97
MISCELLANEOUS	97
FEES, FILING OF CHEMICAL INVENTORY FORMS	68,300
FEES, NON-COVERED SOURCES	750
FEES, VOLUNTARY RESPONSE ACTIONS	88,463
REFUND/REIMBURSEMENT OF PRIOR PERIOD EXPENDITURES	2,753
VIOLATIONS OF AIR POLLUTION CONTROL REGULATIONS	91,900
VIOLATIONS OF HAZARDOUS WASTE REGULATIONS	54,807
VIOLATION OF WATER POLLUTION REGULATION	864,110
VIOLATION OF SOLID WASTE REGULATIONS	108,350
VIOLATIONS-DEPOSIT BEVERAGE CONTAINER PROGRAM	5,400
COMMUNITY NOISE CONTROL	<u>18,799</u>
TOTAL	2,539,890

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**Environmental Response Revolving Fund Expenditure – FY2015**

Expenditure

HTH 849 and HTH 840

PERSONNEL	2,554,427
OPERATIONS	272,365
EQUIPMENT	<u>-</u>
TOTAL	2,826,792

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**Positions Funded by the Environmental Response Revolving Fund - FY2015**

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

Positions

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

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

### Environmental Response Revolving Fund (ERRF) HEPCRA Budget Report

In compliance with Chapter 128E, HRS, Hawaii Emergency Planning and Community Right-to-Know Act (HEPCRA), this annual report to the Twenty-Ninth Legislature, State of Hawaii, 2016 presents the accounting of Tier II fee amounts as follows:

- Amount collected during Fiscal Year 2015
- Amounts distributed during Fiscal Year 2015
- Projected collection for Fiscal Year 2016

#### HEPCRA Facility Reporting and Fees

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

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

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

As of June 30, 2015, there are 848 qualifying Tier II facilities. Military facilities must submit Tier II information but are exempt from filing fees.

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

### Tier II Filing Fees Collected and Distributed – FY2015

FY 2015 Amount Collected	68,300
FY 2015 Amount Distributed	71,670
FY 2016 Projection of Fees to be Collected	75,000

<u>County</u>	<u>Funds Distributed to LEPCs</u>	<u>Number of Qualifying Facilities</u>		
		Non-Military Facilities	Military Facilities	Total Facilities
Honolulu	\$32,789	388	29	417
Hawai`i	\$17,158	203	4	207
Maui	\$13,610	161	3	164
<u>Kauai</u>	<u>\$8,113</u>	<u>96</u>	<u>5</u>	<u>101</u>
Total	\$71,670	848	41	889

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## FIVE KEY ENVIRONMENTAL HEALTH ADMINISTRATION ENVIRONMENTAL PROGRAMS

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

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

#### The HEER Office Mission

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

#### The Hawaii State Response Program (HSRP)

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

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

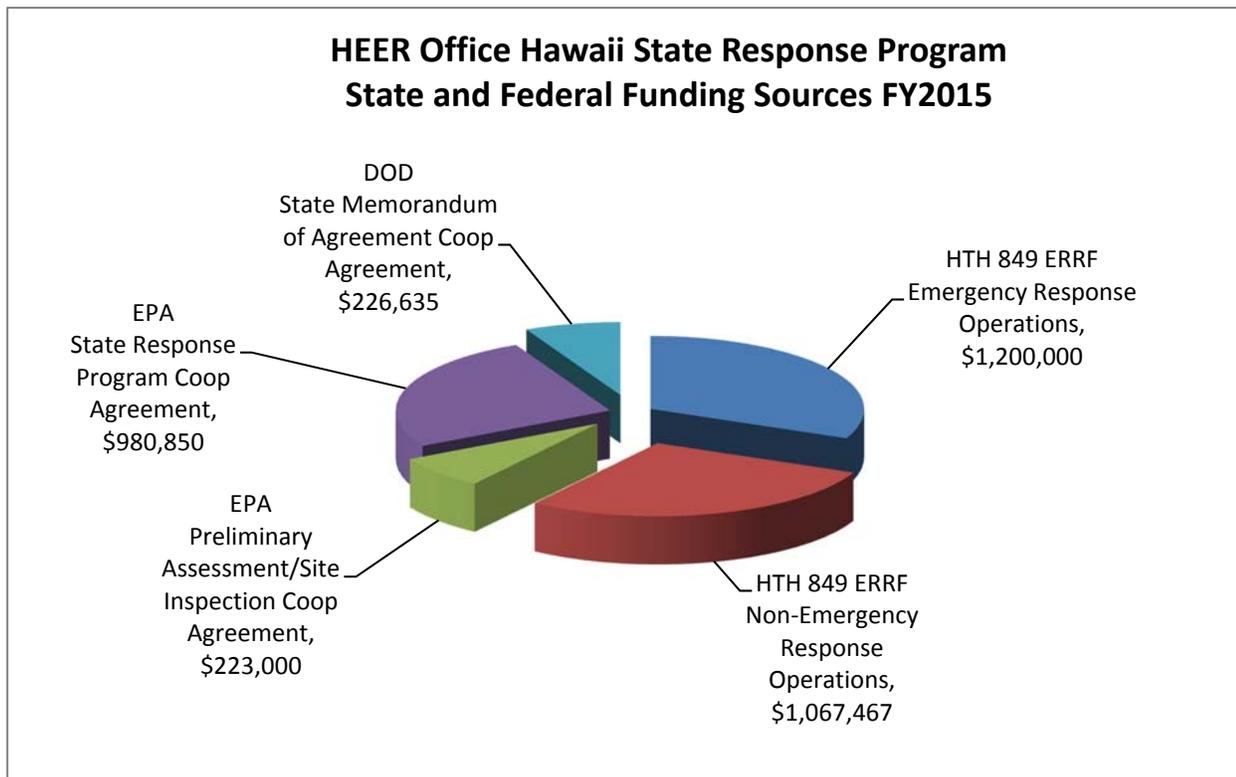
- Emergency response to releases of hazardous substances that pose an imminent danger to people or the environment.
- Non-emergency response actions on properties presumed or known to pose a risk to human health and/or the environment because of contamination with hazardous substances.

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

#### *Essential Federal Funding Support to the HSRP*

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

The federal funding sources are the EPA State Response Program (SRP), the EPA Preliminary Assessment/Site Inspection (PA/SI) Cooperative Agreements, and the Department of Defense and State Memorandum of Agreement (DSMOA) Cooperative Agreement. Together, these federal programs provided over 40% of the HSRP funding in FY2015.



**EPA State Response Program (SRP) Cooperative Agreement:**

The HEER Office continues to receive funding from the EPA State Response Program (SRP) grant under Section 128(a) of the Small Business Liability Relief and Brownfields Revitalization Act (SBLRBRA) of 2002. This SRP grant provides crucial funds for staff salaries, capacity building, and program development activities. The FY2016 grant award was \$937,000, down \$43,000 from FY2015, and down a total of \$363,000 over the 2010 SRP grant. EPA has notified DOH to expect further cuts for the FY2017 grant cycle.

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

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

This year, the HEER Office used the \$223,000 PA/SI grant to fund positions, conduct field-screening activities, and fund laboratory costs to complete rapid site screenings that assess residential areas that may have been affected by historic releases of pesticides and other contaminants. Our grant award for FY2016 showed a temporary increase \$275,000, however, future awards, beginning in FY 2017, are expected to decrease again in the FY2017 grant cycle.

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

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

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

## FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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

For FY2015, the state's reimbursement under DSMOA was \$226,635.

### ***Modern Data Management and Hazard Tracking Tools***

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

### ***A HEER/UH MOA for Analytical Laboratory Service***

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

### ***Cost Recovery***

Chapter 128D, HRS, provides legal authority to cost recover all ERRF expenses for DOH response actions. For FY 2015, HEER Office received \$88,463.15. HEER Office mechanisms for the cost recovery are:

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

**Fast Track Agreement:** Parties wishing to receive expedited oversight of investigation and cleanup of low and medium priority sites have the option to enter into Fast Track Agreements, in which they pay oversight costs in return for face to face meetings and expedited document reviews. During FY2015, seven sites were enrolled in the Fast Track Program.

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

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

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

## FIVE KEY EHA ENVIRONMENTAL PROGRAMS

### HEER Office Emergency Preparedness and Response Key Actions

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

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

Notable HEER Office responses during FY2015 include the following:

#### ***Honolulu Marine, Sand Island***

On August 12, 2014 free product was observed on groundwater on Sand Island Access Road. This was a project that was being overseen by the Site Discovery, Assessment and Remediation Section of the HEER Office where Honolulu Marine was installing a waterline as part of their plans for relocation from Kakaako to Sand Island. On August 24, 2014, there was another release of approximately 485 gallons of oil and water to the environment. Another release occurred on September 2, 2014 of approximately 3,200 gallons of oil and water. The Emergency Response Section oversaw the oil removal and the installation of a concrete blockade to prevent releases to the waterway. The site has been



turned over to the SDAR section.

## FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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### ***Tropical Storm Iselle***

In the aftermath of Tropical Storm Iselle that made landfall on eastern Big Island on August 8, 2014, several government agencies including the HEER Office, assisted in post-recovery efforts. HEER's three State On-Scene Coordinators (SOSCs) took turns from August 18 to 23, 2014 and mobilized to the Big Island. DOH personnel participated in Hawaii County Civil Defense meetings to provide assistance as needed. In addition to assessing extent of environmental contamination as a result of the storm, the staff met with Hawaii Electric Light Company to determine how many utility poles were down, if oil was released, and if any of the oil contained PCBs. Puna Geothermal Venture, a geothermal power plant, lost its power and the staff conducted inspections and air monitoring for the presence of hydrogen sulfide.

Staff also responded to residents in the eastern side of the island regarding their concerns of hazardous materials being released in the environment. A community meeting was held at a Kapoho Vacationland home, where the residents voiced their concerns that their privately-owned ponds could be contaminated with household hazardous wastes and septic tanks or cesspools that could have been compromised due to the storm surge. The residents were particularly concerned with petroleum and oil products and pesticides.

The Department of Health does not go into private residences and conduct sampling; however, due to the community's concerns, the DOH decided to conduct a one-time sampling of the pond on August 22, 2014, to serve as an initial screening. DOH, with the assistance of University of Hawaii-Hilo and with collaborative efforts from the Kapoho Vacationland community, collected water samples on August 20, 2014. Chemical analytical results indicate that there were no detectable pesticides and oil and petroleum products.





**Judy K**

On January 12, 2015, the 77-foot fishing boat Judy K sank at Pier 16 in Honolulu Harbor. The vessel released 50 gallons of diesel fuel into the water. Booms were placed around the vessel and pads to contain the pollution. Judy K had been abandoned and no equipment was on-board. The State Department of Transportation became the responsible party as a determination was made that the owner has been deceased. Overpriced bids prevented the State from conducting salvage operations; U.S. Army divers worked to refloat the vessel and was finally towed on September 23, 2015 to a dry dock at Kewalo Basin to be scrapped and recycled.



## FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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### *Tug Nalani Boat Sinking*

On January 22, 2015, while attempting sea trials Tug Nalani experienced catastrophic failure 2 miles outside of Barbers Point Harbor and sinks. The boat was reported to have 75,000 gallons of diesel fuel and an unknown quantity of lubrication oil.

Four Shoreline Cleanup Assessment Technology (SCAT) Survey groups were assembled to monitor the shorelines from Diamond Head to Ko'olina.



*Diesel Release*



*Shoreline Assessment*



*Unified Command*



*Overflight depicting sheen*

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### **Hazard Evaluation Actions and Studies**

#### ***Ecological and Human Health Risk Key Studies***

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

#### ***Health Surveillance for Environmental Factors***

In FY2015, staff provided risk assessment support and responded to a diversity of inquiries concerning potential health hazards. These inquiries included questions regarding heavy metals (mercury, lead, and arsenic), pesticides, indoor and outdoor air pollutants, and illnesses potentially related to the environment.

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

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

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

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

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

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

For FY 2014, 14 children ( $\leq 16$  years of age), had an elevated lead level of  $\geq 10$  ug/dl. The percentage of children with a lead level  $\geq 10$  ug/dl was 0.29%. Forty one additional children exceeded the Center for Disease Control and Prevention's new reference level of 5 ug/dl.

The National Institute for Occupational Safety and Health (NIOSH) has designated 10  $\mu\text{g}/\text{dL}$  of whole blood as the reference blood lead level for adults. Fifteen adults had an elevated lead level  $\geq 10$  ug/dl. The percentage of adults with a lead level  $\geq 10$  ug/dl was 0.5%.

#### ***HEER Addresses Statewide Pesticide Concerns***

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

#### ***Pesticide calls to Hawaii Poison Center for Kauai***

In recent years, there is heightened concern among Hawaii residents about pesticide exposure from cultivation of genetically modified seed corn. Acute pesticide poisoning cases reported to the Hawaii Poison Hotline (HPH) is one important source of surveillance information. The HPH is the Hawaii state poison center. We evaluated HPH human pesticide exposure calls over a thirteen year period (2002 – 2014). During this time, HPH received 5,255 human pesticide exposures from across the state. Three hundred and thirteen (6%) of the calls were from the island of Kauai.

Only five exposures (1.6%) were related to pesticide exposures from seed corn operations on Kauai. Most of the exposures (about 90%) occurred in a residence. The majority of the calls were unintentional pesticide exposures. Insecticides comprised the top 4 pesticide categories responsible for the unintentional

## **FIVE KEY EHA ENVIRONMENTAL PROGRAMS**

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exposure reason group. Over the counter (consumer) ant and roach sprays and baits, insecticidal sprays, flea and tick treatments, mosquito coils, moth balls and rat and mouse baits were the typical products responsible for most of the unintentional exposures.

During the study period, there were no pesticide related deaths on Kauai. The majority of the pesticide exposures were classified with minor or no effect medical outcomes. Efforts are underway to provide education and outreach to physicians in Hawaii to enhance surveillance of pesticide and heavy metal poisonings.

### Site Discovery, Assessment, and Remediation Cleanup Highlights

#### *Reclaiming Contaminated Properties*

The HEER Office continues to prioritize its operations to focus resources on major threats to human health and the environment. For FY2015, the HEER Office accomplished its primary mission with a focus on discovery and oversight of assessment and cleanup activities on high and medium priority sites across the Hawaiian Islands, including privately owned, municipal, and state owned properties and, federal military sites. Oversight of low priority sites continues to be curtailed due to staff shortages and budget constraints.

#### *Sites Evaluated for Removal and Remedial Action*

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

Our ERRF and federally funded state remedial project managers (RPMs) evaluate information provided, and direct additional investigation as needed to understand the nature and extent of contamination, and identify hazards requiring remedial action to protect human health and the surrounding environment. To date, 1,137 state sites have been identified and investigated by the SDAR section. Of these, 346 sites have been fully cleaned up and have no ongoing oversight requirements and 189 sites have been closed with restrictions in place to protect human health and the environment. An additional 172 low priority sites are currently inactive, and are subject to reassessment prior to redevelopment or land use change.

35 new sites were added in 2015 due to both active site discovery efforts and statewide redevelopment activities. 430 state sites remain open at the end of FY2014 under active oversight and are being assessed for future action.

#### *Responsible Party Participation*

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

complete cleanup activities if the responsible party fails to do so.

In practice, the State Response Program works cooperatively with responsible parties and property owners, identifying potential hazards and directing investigation and cleanup activities. Clearly, this tested partnership approach results in more successful and timely cleanups, while conserving fund monies. In 2015, Responsible Parties conducted the vast majority of investigation and cleanup actions on a voluntary basis, without a formal cleanup agreement in place.

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

#### *Voluntary Response Program Key Oversight*

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

Past, current or future property owners can participate in this program, but exemptions from liability can only be given to future purchasers or tenants. Completion of the voluntary cleanup action is accompanied by a Letter of Completion (LOC) issued by the Department of Health and noted on the property deed. To date, 32 contaminated properties have been enrolled in the VRP program. Of these, DOH has issued 27 LOCs for 25 sites, closed one site with a No Further Action (NFA) determination without liability relief, and seen three sites withdraw from the program.

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

Remedial actions are complete and LOCs have been issued at three other VRP sites. These include Lowe's Iwilei, Costco Maui Gas Station, and Honolulu Wood Treatment.

#### *Fast Track Decisions*

The HEER Office Fast Track Cleanup process provides a streamlined approach for property owners to conduct protective, independent cleanups of low and medium priority sites, and improve Hawaii's ability to focus on more serious and complex releases. The program includes cost recovery, providing necessary funding for

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the HEER Office to provide priority oversight for sites that pose low environmental risks. Forms and information on Fast Track Cleanups (FTC) designed to enable landowners or other private parties to conduct a voluntary investigation or cleanup under a simple agreement with the HEER Office are located at:

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

Three Fast Track Cleanup sites received closure determinations this year, including the new Walgreens on Keeaumoku Street in Honolulu, Lots B & C at Ka'alaiki Industrial Park in Naalehu on the Big Island and remediation of a pipeline spill on Kalaeloa Blvd on Oahu's west side. Construction is in full swing at the International Marketplace redevelopment in Waikiki, with final regulatory closure expected soon. Given the current pace of urban redevelopment on Oahu, developers are continuing to seek Fast Track Cleanups to rapid regulatory response times for low risk sites.

### ***Site Discovery Program***

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

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

The HEER Office has discovered and investigated 48 sites statewide through the Site Discovery program. Site Discovery has been completed on 33 sites, with no elevated contaminant concentrations found at 29 of the sites evaluated. Two sites have completed investigation and remedy selection, and have active plans for residential redevelopment upon completion of cleanup activities.

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

### ***Shifting to a Proactive Approach to Historic Contamination***

Our State Cleanup Law, HRS 128D, modeled after federal Superfund Law, was established to respond to the discovery and reporting of releases of hazardous substances, and to take regulatory action to protect human health and the environment from contaminants. One of the biggest challenges we face in the HEER Office is that a significant majority of these newly reported

releases are the result of historic industrial and fuel handling activities, and tend to occur most frequently in concentrated areas with known areawide contamination, such as industrial centers, harbors, airports, pipeline corridors and historic chemical use and storage facilities. Managing sites individually as releases are reported means that HEER often finds out *after* a problem or release issue has occurred. In response to this issue, the HEER Office has begun to adopt a broad, proactive strategy to address the discovery, interim management and remediation of sites statewide. The strategy consists of three components:

1. Programmatic/Areawide Environmental Hazard Management Plans
2. Extensive Public Outreach & Material Development
3. Site and Document tracking by the public via iHEER

The combination of these three components allows the HEER Office to address potential sites before they become issues by providing the public at-large with as much information and guidance as possible about potential hazards *before* a release occurs. It also provides consistent, publicly available information about areawide contamination concerns that property owners, tenants, developers and prospective purchasers can use to learn about the HEER Office to maintain its services to the public despite budget cuts and lack of personnel. Here is a brief description of the three components:

### ***Programmatic/Areawide Environmental Hazard Management Plans (EHMP):***

Areawide EHMPs are used primarily to address areas where 1) the type of contamination is known through several site-specific investigations in the area and 2) the contingency plans for handling the type of contamination in question is well defined. By providing information regarding management of the various media (soil, groundwater, soil gas) up front, all entities performing intrusive work in the area will be prepared and equipped to manage any hazard they may encounter. This also provides better worker safety and reduces the number of incidents that our emergency responders have to address.

### ***Extensive Public Outreach & Material Development:***

As there is limited landfill space in Hawaii, and no on-island hazardous waste disposal, risk-based closures are used at many sites. This approach cuts off pathways to exposure, while leaving contamination in place that

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needs to be managed through either a combination of engineering controls (e.g.-cap) and/or institutional controls (e.g.- land zoning, EHMP) for the foreseeable future. In order for these controls to remain effective over time, public outreach to all affected parties (utilities, lenders, State departments, etc.) is required to educate and reinforce what needs to be done to maintain site safety. Meeting with the various stakeholders annually allows the HEER Office to get its safety message out consistently and frequently. HEER Office outreach materials for the various types of contamination (UXO, arsenic, petroleum) on sites are developed and regularly updated keep these important messages fresh in the minds of the public.

### ***Site and Document tracking by the public via iHEER:***

In addition to the face-to-face interaction achieved by the public outreach efforts, the HEER Office is developing its own database with a public viewer so that any entity (public or private) will have access to non-confidential information regarding contaminated sites, Areawide EHMPs and other site related information electronically. Having documents like the Areawide EHMP readily accessible via the Internet will facilitate the sharing of relevant guidance, not only within the State, but throughout the nation. It will also allow our federal partners at EPA Region IX to get real-time updates regarding sites in Hawaii.

### ***Honolulu Rail Transit Project***

As drivers along H-1 see everyday on their morning commutes, the rail project is becoming a reality. The Honolulu Rail Transit Project (HRTTP) guideways are springing up across the landscape and pre-construction activities are occurring all along the route. The HEER Office maintains close regulatory oversight of the HRTTP to ensure any contamination encountered during construction is managed safely, efficiently and in accordance with state law.

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



Construction continues to occur within large areas of known and potential subsurface contamination from a variety of historic activities. Safe management requires proactive, advanced planning before ground can be broken, and close, ongoing coordination with multiple construction teams on the ground. Data-sharing between HART, the HEER Office, multiple state agencies, and the public is also crucial to the project's success, but is complicated by the project complexity. This past year, there have been breakthroughs that improve the planning, coordination, and data-sharing.

Since 2011, the Honolulu Authority for Rapid Transportation (HART) worked closely with the HEER Office and the Solid and Hazardous Waste Branch (SHWB) to finalize the Programmatic Environmental Hazard Evaluation (EHE) and Environmental Hazard Management Plan (EHMP). This document was executed by the HART Executive Director, and the HDOH Deputy Director in January, 2015. The EHMP identifies known and suspected areas of contamination along the rail line, and provides clear, systematic instruction for all HRTTP subcontractors to manage contaminated materials that may be encountered during construction activities.

This past spring, HART allowed HDOH access to its ArcGIS Online account. This allowed HDOH to look at maps and data tables, and to coordinate with HART to ensure that both HDOH and HART datasets were accurate. Additionally, HDOH was able to use the HART maps to create desktop, online, and mobile maps. These maps improve communication between the HEER Office and other branches, which allow us to easily share information, coordinate regulatory oversight, and uniformly respond to public concerns. The data-sharing with the public was enhanced when the HART, SHWB, and HEER Office data sets were pulled into the State ArcGIS Online system.

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A web page summarizing environmental oversight of the H RTP was added to the HEER Office website (Link: <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/HEER-Office-Partners-with-Solid-and-Hazardous-Waste-Branch-to-Oversee-Honolulu-Rail-Transit-Project> ). The page contains links to pdf documents including the Programmatic EHE-EHMP, site characterization documents, site-specific EHEs and EHMPs, and other publicly-available documents. Using the State Arc GIS Online account, an interactive map was linked to the webpage to allow the public to visualize the information on the web page, view attributes tables, search for specific locations or environmental concerns, and access additional information as they wish.

### ***HEER Reaches Out to Inform Communities about Hazards of Unexploded Ordnance***

The HEER Office mission is to protect human health and the environment. In addition to our responsibilities to oversee cleanup of contamination under HRS 128D, the HEER Office is focusing our outreach efforts on communicating potential risks to public safety posed by unexploded ordnance. The federal government, through US Army Corps of Engineers (USACE) has responsibility and a congressional mandate to investigate and cleanup unexploded ordnance on Formerly Used Defense sites. However, the scope of the project is so large and complex that USACE estimates it will take 50 years to complete work in the Waikoloa Maneuver Area alone. In addition, in order to take action, the Corps must first gain access permission from thousands of private property owners, who are often unresponsive and wary of federal involvement. Rejecting access has serious consequences for both the property owners and the state, delaying or aborting cleanups of large areas, and affecting safety of neighboring properties.

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

Since July 2014, HDOH worked in conjunction with the USACE on over 30 events to inform the general public of the dangers associated with munitions in the South Kohala area. Through this outreach program, USACE and HDOH have increased public awareness and provided protective protocols in the event suspicious items are

found by residents or visiting guests of the South Kohala area. Awareness training has been given to elementary, intermediate and high schools, civic clubs, Boy Scouts Makahiki Festival, Summer Fun Programs, senior citizens clubs, Keiki Festivals, Hoolaulea's, community meetings, beach clean ups, Rotary Club, Kiwanis Club, Sandalwood Association and the Puukohola Heiau Festival.



Our community outreach goal is to build public awareness about the presence of UXO in Hawaii, the hazards they pose, the actions being taken by the federal government and the steps local communities and visitors can take to protect themselves. Our second objective is to promote public safety by fostering a greater understanding of the potential hazards on privately owned properties and the urgent need for cooperation with USACE to allow cleanups to proceed.

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

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

Although most of our efforts are focused on these Military training ranges, we still need to educate the general public of the UXO issues everywhere else in these islands. With a large majority of our visitors and local people enjoying the outdoors they must still be vigilant to the UXO dangers. The pictures and examples below give a sense of the hazards the general public may encounter.

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Despite posted signage, in July of 2015, a visitor who was skin diving from the shores of Hapuna Beach on the Big Island discovered and foolishly brought to shore a military rocket. Luckily, no one was hurt, and EOD responded to identify and safely destroy the item.



In October 2015, a local resident on Oahu discovered a timed fuse from a 75 mm rocket on the public hiking trail leading into the Maunawili Valley. EOD responded and the item was removed and destroyed.

### **High Priority State Sites**

A key role of the HEER Office is to identify sites where current or projected exposures to hazardous chemicals could pose a threat to public health or the environment. These sites receive high priority designations. In 2014, there are 99 high priority sites in the Hawaii State Response Program. Examples of major progress on high priority sites are described below:

#### ***Honolulu Harbor Area wide Contamination***

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

#### ***BHP GASCO Benzene Site, Oahu***

Discussions for long term monitoring and potential rebound contamination are currently underway at the highly contaminated GASCO site in the Iwilei District, as Weston Solutions continues to implement the Response Action Memorandum approved by DOH in August 2011. An exit strategy was developed prior to the Response Action Memorandum detailing the remedial action objectives for the cleanup. Meetings will be held in the

next calendar year to discuss whether or not those goals have been met to the satisfaction of the HEER Office. Ultimately, the long-term solution will require engineering and institutional controls to ensure lasting protectiveness.

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

#### ***VRP Projects on the former Conoco Phillips Petroleum Terminal***

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

#### ***Lowe's Iwilei Completes Cleanup and Receives Liability Protection***

After extensive investigation and remediation of heavily petroleum-contaminated soils at the former Conoco Phillips terminal in Iwilei, the Lowe's store opened in 2012. Additional work on the storm drain system, implementation of the EHMP and effectiveness monitoring has continued on site.

The cleanup has been completed and the remedy is in place. As a result of successful completion of the VRP process at this site in 2015, Lowe's will receive a Letter of Completion, providing the liability protection they sought under Hawaii's VRP law. As the responsible party, Conoco-Phillips is not eligible for liability protection, but received a No Further Action Determination indicating that they have successfully completed the remedial actions required by the State.

The long term safety of the property will be ensured by required, ongoing implementation of the site specific EHMP for the property. In addition, as a condition of the VRP agreement, a covenant is being placed on the property.

#### ***Brewer Environmental Industries***

Lowe's has completed initial site characterization activities on this property adjacent to the Lowe's store. Work is ongoing to evaluate existing and future hazards

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at the site in preparation for development of clean up options for the site. Because the existing business will continue to operate on site for the foreseeable future, limiting cleanup and investigation options, DOH is working with Lowe's towards development of an Environmental Hazard Evaluation and Environmental Hazard Management Plan. Together, these documents will describe potential hazards that will be encountered during remediation and provide a basis for future redevelopment planning. The next steps will include identification and comparison of potential remedial alternatives and submission of a formal Response Action Memorandum for public review and comment.

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

The Iwilei District Participating Parties (IDPP), LLC, has completed intensive investigation and early cleanup actions for their areas of responsibility in Honolulu Harbor. Public participation and remedy selection is now complete for all major Operable Units.

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

Notable milestones by IDPP include:

- EHMPs implementation for all IDPP Operable Units.
- Ongoing outreach. In order to reach tenants, utilities and property owners planning excavation activities within IDPP Hazard Management Areas, IDPP is conducting multiple outreach meetings to provide guidance and direct construction support for safe management of contaminated materials. This year, IDPP and the HEER Office teamed up to brief many stakeholders who may supervise, manage, or work in and around construction sites within the IDPP-designated and the Iwilei District Programmatic EHMP Hazard Management Areas (described below). The presentation materials include standard operating procedures for safe management of petroleum impacted soils during construction activities, including excavations, dewatering, soil disposal or re-use, and worker protection.

### ***Programmatic Approaches to Managing Area wide Contamination in the Iwilei District***

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

In 2015, the EHMP was expanded to include areas in the Honolulu Harbor makai of Nimitz Highway, as well as the mauka Iwilei Area, bordered by Waiakamilo Road, Dillingham Boulevard, River Street, and Nimitz Highway. Attached is a map of the area covered by the EHMP. The light blue area indicates areas the Programmatic EHMP covers. Pink areas indicate areas where an investigation has taken place and site-specific EHMPs are implemented.



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

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

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

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Sediment results are expected soon and soil vapor monitoring is planned in areas where elevated levels of petroleum were found. An EHMP that addresses the contaminants of concern is also in the process of being finalized so that future construction can proceed safely.

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

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

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

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

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

The former Kohala Sugar Company Pesticide Mixing Area supported historic sugarcane production operations in

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

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

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

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

### ***Hawaii Brownfields Forum***

On September 22, 2015, the HEER Office in collaboration with U.S. EPA Region 9, City and County of Honolulu, and the Center for Creative Land Recycling (CCLR) hosted Hawaii's 7<sup>th</sup> Brownfields *Forum*, entitled *Supporting Development and Land Reuse around Honolulu's Rail Stations*". The Forum was created to encourage private owners, developers, and investors to redevelop brownfields properties around Honolulu Transit Oriented Development (TOD) by:

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

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Over 160 attendees participated in the Forum, and more than 40 locations participated remotely in the webinar. This is the first forum with a live streaming component. Interested parties all over the State of Hawaii and across the USA participated. Interestingly, this forum drew a more diverse audience than previous Forums, with significant new participation associated with planned TOD rail stops, including local property owners and tenants, public development agencies, private developers, public interest groups, bankers, environmental consultants, and more. With the rail construction underway in Oahu, there was also considerable interest from affordable housing developers, who had not previously interacted with the HEER Office, and were not familiar with our regulatory programs or the unique challenges of redeveloping contaminated properties in Hawaii.

### ***Cleaning up in the Tropics***

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

### ***Policy and Guidance Development***

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

### ***HEER Office Technical Guidance Manual (TGM) Updates***

Major updates to HEER Office technical guidance providing direction to environmental consultants and other interested parties on strategies and methods for assessment, remediation, and closure of chemical release sites were developed in 2015. Most notably, complete revisions of Sections 3, 4, and 5 of the TGM covering Decision Unit and Multi-increment sampling strategies and methods for soil and sediment sampling were drafted. In addition, TGM updates were developed for investigation of some specific chemicals (Section 9) and for Analysis Methods of specific chemicals (Section 11). These updates are now being posted in the on-line technical guidance document or posted for stakeholder

review and comment before final revisions are made and posted on-line.

### ***HEER Discrete Sample Variability Study***

The HEER Office completed and presented its findings from a field study of potential discrete soil sample error conducted in 2013 and 2014. The goal of this study was to provide a better understanding of the magnitude and sources of error associated with the use of discrete soil samples for the investigation and cleanup of contaminated properties.

Part 1 of the study presents the results of detailed, discrete soil sampling at three sites in Hawai'i previously known to be contaminated with arsenic (Study Site A), lead (Study Site B) and PCBs (Study Site C). Part 2 of the study evaluates the sources of random variability of contaminant concentrations in discrete soil samples and discusses implications for the use of discrete soil sample data in environmental investigations.

It is hoped that the results of this study will contribute to the current, re-evaluation of the reliability of discrete soil samples in environmental investigations and the need to move toward more technically defensible and efficient, incremental sampling methods. These reports and other detailed technical guidance are available on our website at: <http://eha-web.doh.hawaii.gov/eha-cma/Org/HEER/>

### ***Vapor Intrusion Guidance***

The HEER office also updated guidance for the collection of soil gas samples in Section 7 of the TGM. This guidance is used to evaluate the potential intrusion of vapors into buildings from underlying soil or groundwater contaminated with volatile chemicals, including gasoline and dry cleaning solvent. As part of this update, HEER staff reviewed two very different methods published by the USEPA for the evaluation of "vapor intrusion" concerns and demonstrated why the method selected for use in the HEER guidance document was more scientifically defensible than the second method. A paper co-authored by HDOH staff and outside experts on the subject was published in a national scientific journal in 2014.

### ***Development of Ecological Risk Assessment Guidance for Hawai'i Coastal Environments***

In addition to a focus on human health, a primary goal of the HEER Office is to ensure that wildlife and the environment is protected from significant chemical hazards. Over the last several years, ecological risk assessment (ERA) guidance has been in development to help address evaluation of chemical hazards in Hawaii

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marine coastal environments. To the extent possible, this draft guidance has been tailored to the tropical environment and tropical wildlife species found in the islands. A review draft of “screening level” ERA guidance was compiled in 2015, and will undergo stakeholder review and comment in early 2016.

### ***Webinar Training Series Now Available on YouTube***

The HEER Office webinar series was launched in 2015 to provide training to State, County and Federal Agencies and the environmental consultant community with the goal of developing a shared understanding of the latest scientific, technical, and policy development affecting cleanups in Hawaii. To date, we have hosted 11 training on subjects from vapor intrusion guidance to the Iwilei District EMHP, to a simulcast of our well-attended Hawaii Brownfields Forum. Past webinars are available for viewing on our YouTube Channel (search *HEER Webinar Series*). For more information and to register for upcoming trainings, visit our webinar page at <http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/Webinars>

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

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

Opportunities include individual and area-wide assessment and cleanup grants of up to \$200,000 for hazardous substances and \$200,000 for petroleum contamination, grants to cities and counties for Brownfield assessments and cleanup loans through DBEDT’s Brownfield Revolving Loan Fund (BFRLF) of up to \$1.6 million. HEER Office provided technical assistance to the Hawaii Island Development Authority, aided the successful award of a \$560,000 loan from the BFRLF to cleanup a former pesticide mixing area located adjacent to their Kohala affordable housing project.

In FY2015, the HEER Office provided detailed technical assistance to EPA’s contractor and the Department of Accounting Services to finalize the Sampling and Analysis

plan for 333 and 351 North King Street required under the Targeted Brownfields Assessment Grant, awarded in FY2014. At the time the TBA was requested, the state had plans to build two office towers for state agency offices including the Department of Education and the Department of Health.

The HEER Office provided technical assistance to City and County of Honolulu Transit Oriented Development during the procurement and selection of an environmental contractor to manage, administer and oversee the \$400,000 Brownfields Assessment Grant. Subsequently, HEER provided direct technical assistance to the selected contractor for development of the City and County Brownfields Inventory.

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

### ***Brownfield Revolving Loan Fund Award***

In 2015, DBEDT and DOH identified candidate agency applicants as potential loan recipients, and were able to award a \$560,000 loan to the Hawaii Island Community Development Corporation to remediate a former pesticide mixing area located within a planned low-income residential community in North Kohala on the Big Island.

Previously, the BFRLF provided a \$1.6 million loan to Department of Hawaiian Homelands (DHHL) to successfully clean up a highly contaminated pesticide mixing area located within the East Kapolei residential development for native Hawaiians.

### ***Supporting Redevelopment and Construction using Environmental Hazard Management Plans***

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

## FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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A useful tool has been the development of construction environmental hazard management plans (EHMPs) for proactively identifying and handling contaminated media that may be encountered during construction. Development of approved construction EHMPs for development sites has allowed remediation to occur concurrently with construction by ensuring early identification and safe management of contaminated materials encountered. Pre-planning for properly handling on-site and proper disposal of contaminated materials as part of the remedial process is essential to prevent costly delays and overruns.

### ***Intensive redevelopment in Kakaako and surrounding Ala Moana Shopping Center***

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

The HEER Office continues to work closely with responsible parties that include developers and property owners in the Kakaako area to properly investigate, remediate and manage the contamination at several redevelopment sites.

### ***Community Involvement and Public Participation***

Contaminated properties occur throughout our communities on all our islands. While many of these

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

### ***Interagency Program Support***

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

### ***Expert Consulting***

Using ERRF funding, the HEER Office makes strategic use of expert consultants under our Non-Emergency Services contract to assist with complex technical decision making on high priority sites, VRP sites, and properties with commingled contamination with multiple responsible parties. Consultant costs are cost recoverable for work under VRP, Fast Track, Voluntary Agreements, or Orders. On other projects, where investigations lead to identification of responsible parties, costs expended from the ERRF may also be cost recovered.

In 2015, HEER used contract expertise to support technical decision making by remedial project managers on ecological risk assessment, soil gas and landfill closures and areawide EHMP development.

## Environmental Management Division (EMD) Information Technology

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

Early in FY2015, the incumbent network administrator passed away. However, due to insufficient funds, this position could not be permanently filled. Instead two Information Technology Specialist IVs from branches within the Environmental Management Division, volunteered on a rotating temporary assignment to the network administrator position to help maintain the critical infrastructure.

## Safe Drinking Water Branch (SDWB) Protection of Drinking Water

During FY2015, SDWB focused five(5) ERRF funded personnel and operational funding on the protection of existing and potential underground sources of drinking water to protect public health and drinking water quality. Legislative action in 2015 transferred these positions to General Funding. Beginning in FY2016, ERRF funding will be used to support only operational expenses in these same areas.

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

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

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

### *Assistance to Owners and Users of Rainwater Catchments Systems*

During FY2015, the SDWB continued to respond to a wide variety of inquiries by individuals using rainwater catchments systems. Individuals had questions concerning the testing and maintenance of their systems. Others called to report results of testing that they had

done to determine whether or not additional remedial actions were required, or to determine what range of actions or treatments were available. The successful development of a minimum screening test for the Veteran's Administration (VA) allowed veterans to qualify for VA loans for homes supported by rainwater catchment systems. The SDWB fielded calls from lending institutions about how to conduct and use the screening test.

Administration of the legislatively mandated Subsidized Lead and Copper testing program for rainwater catchment system users continues. While program users are currently quite few, the program did succeed in detecting extremely high levels of lead in one catchment system during FY15 and warn its user.

The SDWB continued to maintain rainwater catchment system information (at <http://health.hawaii.gov/sdwb/raincatchment/>) for veterans to use when applying for a Veterans' Administration Home Loan. The webpage provides information on how to make a home rainwater catchment system safe for domestic use.

### *Tracking of Volcanic Emission Impact on Rainwater and Rainwater Catchment Systems*

The activity at the Halema`uma`u crater has continued to cause increased concerns over the impacts of volcanic gases and ash on rainwater catchment systems located downwind. In order to evaluate the possible impacts, SDWB has been monitoring the raw (after collection but before treatment) and finished (treated) rainwater catchment supplies utilized by public water systems on the island of Hawaii for specific inorganic contaminants (metals and anions).

The SDWB also designed and implemented a program to collect (originally monthly, reduced to semi-annually) samples of rainwater at three (3) locations on the Big Island to further our knowledge about the impact of

## FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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volcanic emissions directly on rainwater. Samples of rain are caught in specially designed “rainfall jars” in order to measure the quality of the rainwater. These samples are tested for the same metals and anions tested for the catchment systems.

Rainfall jar samples were collected at two (2) fire stations; Hawaiian Oceanview Estates (HOVE) and

Kilauea Military Camp (KMC). Low levels of aluminum and cadmium have been detected relatively consistently in samples collected from HOVE and KMC. To a lesser degree, other inorganics such as fluoride, chromium, nickel and selenium have been detected at KMC. Fewer contaminants have been found at HOVE and the least at the Laupahoehoe site which was selected as the upwind site.

### Clean Water Branch (CWB) Water Source Protections

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

data systems, and provide technical support to the CWB staff in the areas of data recording and reporting. A public access web based Water Pollution Control permit application system was developed and implemented with approval and compliance tracking attributes using FY2015 operational funds.

### Solid and Hazardous Waste Branch (SHWB) Waste Management Protection

ERRF funding was appropriated for ten SHWB staff positions and for operational costs. In FY2015 two positions were vacant (EHS III and Engr IV). During FY2015, eight SHWB staff focused on:

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

#### **Hazardous Waste**

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

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

Joint Base Pearl Harbor houses two (2) Resource Conservation and Recovery Act (RCRA) permitted storage

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

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

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

#### **Special Waste and Solid Waste Management**

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

SHWB staff is responsible for permitting and monitoring activities over a wide range of special waste and solid waste management facilities including municipal solid waste, construction/demolition and special waste landfills, waste to energy plants, transfer stations, recycling and salvage facilities, petroleum contaminated soil (PCS) remediation facilities, composting operations and special waste treatment facilities. The two

## FIVE KEY EHA ENVIRONMENTAL PROGRAMS

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permitting engineers funded by the ERRF are two of five engineers that oversee about 300 permitted solid waste management facilities, and provide technical support to other potential waste management businesses.

### ***Management of Leaking Underground Storage Tank (LUST) Sites***

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

### ***Oversight of County's Oil Recycling Program***

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

### ***Inspection of Underground Storage Tank Facilities***

SHWB staff conducted 204 operational inspections at UST facilities and issue field citations as necessary. These inspections include review of release detection records, documents demonstrating evidence of financial

responsibility, and spill and overfill prevention equipment and corrosion protection standards.

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

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

### ***RCRA Brownfield Sites***

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

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

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

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## Sites Eligible for Possible Listing Under CERCLA

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

<b>List of EPA NPL Sites - FY2015</b>			
	<u>Island</u>	<u>Locality</u>	<u>Facility/Site Name</u>
1	Oahu	Kunia	Del Monte Corp (Oahu Plantation)
2	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NCTAMSPAC Center Street
3	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Complex

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

<b>List of Sites Eligible for Possible Listing Under EPA CERCLA - FY2015</b>			
	<u>Island</u>	<u>Locality</u>	<u>Facility/Site Name</u>
1	Oahu	Waialua	Waialua Sugar Company Inc and Waialua Sugar Mill Settling Ponds
2	Kauai	Kekaha	Kekaha Sugar Mill
3	Oahu	Kailua	Kapaa Landfill - Kapaa Quarry Road
4	Oahu	Honolulu	Kapalama Incinerator and Kapalama Incinerator Off Site Contamination
5	Molokai	West Molokai	Kalamaula Landfill
6	Hawaii	Hilo	Hawaii Cane Products Plant - Waiakea Pond
7	Oahu	Kailua	Honolulu Skeet Club
8	Oahu	Honolulu	Pukoloa Wood Treating Site

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

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

The FY2015 Release Notification Log lists 271 hazardous substance and petroleum release notifications managed by the HEER Office State On-Scene Coordinators (SOSCs). 200 cases were directly related to the release of petroleum related substances.

HEER Office SOSCs performed direct oversight on 18 cases requiring on-site visits or off-scene coordination. 43 cases were referred to other agencies.

#### HEER Office Emergency Response Actions - FY2015

<u>Release Notifications*</u>	<u>Oil Related Responses</u>	<u>Other</u>	<u>Direct On-site or Off-site SOSC Oversight</u>	<u>Cases Referred</u>
271	200	71	On-site: 12 Off-site: 6	To HEER SDAR: 20 To Other Agencies: 43

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HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2015

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2015						
	<u>Island</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>
1	Hawaii	Hawi	Boteilho Hawaii Enterprises Inc. / Cloverleaf Dairy diesel contamination	20150505-1425	Diesel	Soil
2	Hawaii	Hilo	Umauma Bridge Lead Paint	20140716-1609	Lead	Soil
3	Hawaii	Hilo	HELCO tank overfill	20140717-0801	Bunker C/IFO/HFO	Soil
4	Hawaii	Hilo	Diesel Odor and Rainbow Sheen in Hilo Bay	20140728-2047	Diesel Fuel	Ocean
5	Hawaii	Hilo	Small release in Radio Bay, Hilo	20140909-1622	Gasoline	Ocean
6	Hawaii	Hilo	HIE ethanol spill Hilo terminal	20141027-1005	Ethanol oil mixture	Soil
7	Hawaii	Hilo	Kaiwiki Road soil under buried drums	20141120-1431	Unknown	Soil
8	Hawaii	Hilo	Old Hilo Hospital alleged medical waste	20141222-0845	Medical Waste	Soil
9	Hawaii	Hilo	UST excavated Bishop and Kamehameha	20150309-1303	Oil	Soil
10	Hawaii	Hilo	Royal Caribbean Spill in Hilo	20150520-1150	Hydraulic Oil	Ocean
11	Hawaii	Holualoa	HELCO Pad-Mounted Transformer #17253 Release	20141106-1444	Transformer Oil	Soil
12	Hawaii	Honokaa	Chlorine release in Honokaa	201450221-0200	Chlorine	Air
13	Hawaii	Honokaa	HELCO Pole-Mounted Transformer #38675 Release	20150323-1341	Transformer Oil	Soil
14	Hawaii	Kailua-Kona	HELCO Pad-Mounted Transformer #11353 Release	20141106-1443	Transformer Oil	Soil
15	Hawaii	Kailua-Kona	HELCO Transformer Pad-Mounted #23619 Release	20141113-1456	Transformer Oil	Soil
16	Hawaii	Kailua-Kona	Kona Airport Spill	20150108-1307	Jet Fuel	Concrete
17	Hawaii	Kailua-Kona	HELCO vacuum switch release	20150427-1138	Transformer Oil	Soil
18	Hawaii	Kailua-Kona	Recurring Residential Fire	20150511-0708	Unknown	Air
19	Hawaii	Kailua-Kona	F/V Eclipse	20150601-2021	Motor Oil	Ocean
20	Hawaii	Kapoho	Kapoho Vacationland Ponds	20140818-1100	Oil and Pesticides	Ocean
21	Hawaii	Keaau	HELCO Pole-Mounted Transformer#42866 Release	20150210-1118	Transformer Oil	Soil
22	Hawaii	Keaau	HELCO Pole-Mounted Transformer#33452 Release	20150212-1425	Transformer Oil	Soil
23	Hawaii	Keeau	HELCO Pole-Mounted Transformer#18100 Release	20141107-1616	Transformer Oil	Soil
24	Hawaii	Kohala	HELCO Pole-Mount Transformer # 27692	20150420-0820	Transformer Oil	Soil
25	Hawaii	Kurtistown	HELCO Pole- Mounted Transformer #348 Release	20141125-1243	Transformer Oil	Soil
26	Hawaii	Mountain View	Crystalline Silica Release Reported in Mountain View	20140707-1028	Crystalline Silica	Air
27	Hawaii	Mountain View	Hurricane/TS Ana - HELCO Pole 6 Huina Road	20141019-0927	Oil	Soil
28	Hawaii	Mountain View	Transformer Oil Spill in Mountain View	20141114-1458	Transformer Oil	Soil
29	Hawaii	Mountain View	HELCO Pole-Mounted voltage regulator #K445040 release	20141119-1321	Transformer Oil	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2015

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2015						
Island	Locality	Unit Name	Case Number	Substances	Media	
30	Hawaii	Naalehu	HELCO Pole 26	20150108-1516	Transformer Oil	Soil
31	Hawaii	Ninole	HELCO Pole-Mounted Transformer#33969 Release	20141113-1455	Transformer Oil	Soil
32	Hawaii	Ookala	Big Island Dairy diesel AST release	20150325-1724	Diesel	Soil
33	Hawaii	Paauilo	HELCO Pole- Mounted Transformer # 6934034 Release	20150327-1447	Transformer Oil	Soil
34	Hawaii	Pahoa	HELCO Pole-Mounted Transformer#24531 Release	20140814-0830	Transformer Oil	Soil
35	Hawaii	Pahoa	HELCO Pole Mounted Transformer #24530 Release	20140814-1441	Transformer Oil	Soil
36	Hawaii	Pahoa	HELCO Pole-Mounted Transformer#12802 Release	20140827-0800	Transformer Oil	Soil
37	Hawaii	Pahoa	HELCO Pole-Mounted Transformer#44262 Release	20141121-1425	Transformer Oil	Soil
38	Hawaii	Pahoa	HELCO Pole-Mounted Transformer#40427 Release	20150219-1038	Transformer Oil	Soil
39	Hawaii	Pahoa	HELCO Pole-Mounted Transformer#28914 Release	20150309-1450	Transformer Oil	Soil
40	Hawaii	Pahoa	HELCO Pole-Mounted Transformer #38784 Release	20150406-1349	Transformer Oil	Soil
41	Hawaii	Pepeekeo	Unknown Sheen near Pepeekeo	20141204-1604	Unknown	Ocean
42	Hawaii	Volcano	HELCO Pole-Mounted Transformer# 35480 Release	20150130-1340	Transformer Oil	Soil
43	Kauai	Eleele	Diesel Spill in Port Allen Harbor	20150115-0849	Diesel Fuel	Ocean
44	Kauai	Hanalei	Leaking Propane Cylinder on Beach	20141227-1635	Propane	Air
45	Kauai	Kapaa	Fugitive Compressed Gas Cylinder - Kapaa Public Library	20141220-1500	Compressed Cylinder	Drum or Other Container
46	Kauai	Lihue	Kauai Petroleum AST release	20141027-0915	Jet A	Containment Soil
47	Kauai	Lihue	Grace Pacific - 2110 Kaneka Place Parking lot	20141104-1305	Petroleum	Soil
48	Kauai	Lihue	Avis Lihue Airport Historical Oil Release	20150327-1545	Oil	Soil
49	Kauai	Nawiliwili	Methyltrichlorosilane Release	20150604-0800	Methyltrichlorosilane	Air
50	Kauai	Port Allen	Diesel leak from grounded ship	20150115-0845	Diesel Fuel	Ocean
51	Kauai	Puhi	1870 Leleiona Street	20150205-0835	Oil	Soil
52	Kauai	Waimea	Waimea Canyon Middle School Generator Leak	20140725-1430	Diesel Fuel	Soil
53	Lanai	Lanai City	MECO day tank diesel overflow	20140729-1423	Diesel Fuel	Soil
54	Lanai	Open Ocean	Sheen	20150628-1713	Oil	Ocean
55	Maui	Haiku	MECO Pole-Mounted Transformer#25126 Release	20141120-1422	Transformer Oil	Soil
56	Maui	Hana	Ship ran aground Near Hana	20150411-1352	Diesel Fuel	Ocean
57	Maui	Kahului	MECO Pad-Mounted Transformer #12449 Release	20140703-1353	Transformer Oil	Concrete
58	Maui	Kahului	MECO Pole-Mounted Transformer#2291 Release	20140924-1050	Transformer Oil	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2015

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2015						
Island	Locality	Unit Name	Case Number	Substances	Media	
59	Maui	Kahului	MECO Pole-Mounted Transformer follow up	20141007-0956	Transformer Oil	Soil
60	Maui	Kahului	Trenching Release - 11-24-2014	20141124-1708	Oil	Soil
61	Maui	Kahului	Security Breach at Port Facility	20141203-1119	Suspicious Activity	Within Facility
62	Maui	Kahului	Chevron Kahului Terminal 12-17-14	20141217-1125	Oil	Soil
63	Maui	Kahului	Suspicious Activity at Maui Harbor Cruise Terminal	20141229-0745	Suspicious Activity	Other
64	Maui	Kahului	NRC 1104856	20150105-1039	None	Ocean
65	Maui	Kahului	Kahului Chevron Tank 3 weathered diesel	20150421-1140	Diesel Fuel	Soil
66	Maui	Kahului	MECO Pole-Mounted Transformer #15028 Release	20150518-1217	Transformer Oil	Concrete
67	Maui	Kaunakakai	MECO Pole-Mounted #25150 Transformer Release	20140813-1338	Transformer Oil	Soil
68	Maui	Kihei	MECO Pad-Mounted Transformer #8328 Release	20140707-1509	Transformer Oil	Soil
69	Maui	Kihei	MECO Pad-Mounted Transformer #17041 Release	20140813-1336	Transformer Oil	Soil
70	Maui	Kihei	MECO Pad-Mounted Transformer #12713 Release	20140901-1424	Transformer Oil	Soil
71	Maui	Kihei	MECO Pad-Mounted Transformer #7994 Release	20140925-1049	Transformer Oil	Soil
72	Maui	Kula	MECO Pole-Mounted Transformer#22412 Release	20140902-1356	Transformer Oil	Soil
73	Maui	Kula	MECO Pad-Mounted Transformer #4876 Release	20150203-1455	Transformer Oil	Soil
74	Maui	Lahaina	MECO Pad-Mounted Transformer #10901 Release	20150109-1555	Transformer Oil	Concrete
75	Maui	Lahaina	MECO Pad-Mounted Transformer #14974 Release	20150219-1039	Transformer Oil	Concrete
76	Maui	Lahaina	Diesel fuel spill in Lahaina Harbor	20150320-1036	Diesel Fuel	Ocean
77	Maui	Lahaina	MECO Pad-Mounted Transformer #7715 Release	20150320-1412	Transformer Oil	Concrete
78	Maui	Lahaina	Security Breach at Docks in Lahaina	20150413-0917	Suspicious Activity	Other
79	Maui	Lahaina	MECO Pad-Mounted Transformer #9696 Release	20150504-1102	Transformer Oil	Concrete
80	Maui	Lahaina	Compressed Gas Cylinder	20150625-1107	Propane	Ocean
81	Maui	Maalaea	MECO Maalaea Power Plant	20150521-1307	Oily Water Mixture	Asphalt
82	Maui	Makawao	MECO Pole-Mounted Transformer#6296 Release	20140902-1357	Transformer Oil	Soil
83	Maui	Maunaloa	MECO Pole-Mounted Transformer#15017 Release	20141120-1424	Transformer Oil	Soil
84	Maui	Paia	MECO Pad-Mounted Transformer # Release	20140915-1401	Transformer Oil	Soil
85	Maui	Paia	MECO Pad-Mounted Transformer #19271 Release	20150327-1448	Transformer Oil	Soil
86	Maui	Puunene	H C & S Hydraulic 12-12-2014	20141220-0945	Hydraulic Oil	Soil
87	Maui	Waiehu	MECO Transformer Vault #8453 Release	20140901-1425	Transformer Oil	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2015

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2015						
Island	Locality	Unit Name	Case Number	Substances	Media	
88	Maui	Waiehu	MECO Vault Transformer #8453 Release	20141106-1445	Transformer Oil	Soil
89	Maui	Wailuku	MECO Pad-Mounted Transformer #16515 Release	20141029-1451	Transformer Oil	Soil
90	Maui	Wailuku	MECO Pad-Mounted Transformer #22356 Release	20141120-1423	Transformer Oil	Soil
91	Maui	Wailuku	MECO Overhead Mounted Transformer #H327650-72P Release	20141203-1443	Transformer Oil	Soil
92	Maui	Wailuku	MECO Pad-Mounted Transformer #17057 Release	20150219-1040	Transformer Oil	Concrete
93	Maui	Wailuku	MECO Pad-Mounted Transformer #17070 Release	20150219-1041	Transformer Oil	Concrete
94	Maui	Wailuku	MECO Pad-Mounted Transformer #17016 Release	20150219-1042	Transformer Oil	Concrete
95	Maui	Wailuku	MECO Pad-Mounted Transformer #13345 Release	20150220-1426	Transformer Oil	Soil
96	Molokai	Kaunakakai	Mid Pac Petroleum Mauka Fuel Terminal	20141015-1549	Oil, weathered	Soil
97	Molokai	Kaunakakai	Young Brothers Generator #633 Release	20150107-0842	Diesel Fuel	Concrete
98	Oahu	Aiea	HECO Pad-Mounted Transformer #38052 Release	20150306-1031	Transformer Oil	Soil
99	Oahu	Aiea	HECO Pad-Mounted Transformer #31696 Release	20150306-1034	Transformer Oil	Soil
100	Oahu	Aiea	Aiea Ditch Fish Kill	20150512-1130	Sulfuric Acid	Stream
101	Oahu	Barbers Point	Sewage leak on Air Force Property	20140925-0745	Sewage	Concrete
102	Oahu	Barbers Point	Tug Nalani sinking	20150122-1830	Diesel Fuel	Ocean
103	Oahu	Eleele	Grace Pacific LLC Eleele Hawaii Seal Coat Spill	20141030-1150	CarbonSeal-FR Liquid Sealant	Storm Drain
104	Oahu	Ewa Beach	Sprint Cell site	20141027-1149	Diesel	Soil
105	Oahu	Ewa Beach	Pupu Street Diesel release	20141126-0950	Diesel Fuel	Storm Drain
106	Oahu	Ewa Beach	1723 Ala Amoamo Street malathion spill	20141201-1116	Malathion	Within Facility
107	Oahu	Ewa Beach	HECO Pad-Mounted Transformer #70522 Release	20150209-1116	Transformer Oil	Soil
108	Oahu	Fort Shafter	Hydraulic Oil Spill at Ft. Shafter	20150205-1506	Hydraulic Oil	Concrete
109	Oahu	Haleiwa	Contaminated Soil Discovered at Old 76 Station in Haleiwa	20150317-1415	Waste oil	Soil
110	Oahu	Hilo	Unknown Sheen in Hilo Harbor	20140711-1611	Oil	Ocean
111	Oahu	Hilo	Contaminated Soil at Hilo Quarry	20141117-1004	Oil	Soil
112	Oahu	Honolulu	HART Boring 560R	20140701-0958	Unknown	Soil
113	Oahu	Honolulu	HART Boring 557	20140701-1000	Unknown	Soil
114	Oahu	Honolulu	HECO Pad-Mounted Transformer Release	20140703-1354	Transformer Oil	Concrete
115	Oahu	Honolulu	HECO Pole-Mounted Transformer Release	20140703-1355	Transformer Oil	Soil
116	Oahu	Honolulu	Unknown Sheen in Honolulu Harbor Pier 16	20140708-0821	Oil	Ocean

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2015

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2015						
Island	Locality	Unit Name	Case Number	Substances	Media	
117	Oahu	Honolulu	Hydraulic Oil Spill at Honolulu Airport	20140709-0620	Hydraulic Oil	Concrete
118	Oahu	Honolulu	HECO Pad-Mounted Transformer #45466 Release	20140710-1354	Transformer Oil	Soil
119	Oahu	Honolulu	Ala Wai Canal Unknown Sheen	20140714-0745	Oil	Ocean
120	Oahu	Honolulu	Former Sears Auto Care Facility Hydraulic Tank	20140721-1324	Hydraulic Oil	Groundwater
121	Oahu	Honolulu	HECO Pad-Mounted Transformer #35075 Release	20140723-1103	Transformer Oil	Soil
122	Oahu	Honolulu	Ala Wai Canal alleged bubbling	20140727-0930	Natural degradation	Other
123	Oahu	Honolulu	Mercury Spill at Honolulu Power Plant	20140731-1317	Mercury	Within Facility
124	Oahu	Honolulu	Diesel Spill in Keehi Lagoon	20140802-1139	Diesel Fuel	Ocean
125	Oahu	Honolulu	HECO Pole-Mounted Transformer#65937 Release	20140820-1114	Transformer Oil	Soil
126	Oahu	Honolulu	HECO Pole-Mounted Transformer#27703 Release	20140820-1115	Transformer Oil	Soil
127	Oahu	Honolulu	Possible Oil Leak From Barge	20140824-0515	Oil	Ocean
128	Oahu	Honolulu	Fuel Leak at Honolulu Airport 8-22	20140825-0745	Diesel Fuel	Concrete
129	Oahu	Honolulu	Navy crane hydraulic oil spill at Hotel Pier Pearl Harbor	20140825-1310	hydraulic oil	Ocean
130	Oahu	Honolulu	Sand Island 3000+ gallons oil release	20140905-1554	Diesel Fuel	Groundwater
131	Oahu	Honolulu	Sand Island 3400 gallons oil release	20140908-1145	Jet Fuel	Groundwater
132	Oahu	Honolulu	Makai HIE Gate Release	20140911-1128	Oil	Coral
133	Oahu	Honolulu	HECO Pad-Mounted Transformer #66435 Release	20140923-1452	Transformer Oil	Soil
134	Oahu	Honolulu	Possible Diesel Spill in Ala Wai Harbor	20140925-0746	Diesel Fuel	Ocean
135	Oahu	Honolulu	Swimmer in a unauthorized area	20140925-0759	Suspicious Activity	Other
136	Oahu	Honolulu	Diesel Sheen in Kewalo Basin	20140925-0838	Diesel Fuel	Ocean
137	Oahu	Honolulu	Security Breach at North Nimitz Hwy	20140930-1151	Suspicious Activity	Other
138	Oahu	Honolulu	Honolulu Airport Gate 5 excavation petroleum discovery	20141002-1216	Petroleum	Groundwater
139	Oahu	Honolulu	Sand Island Wastewater Treatment Plant oil dumping	20141008-1422	Oil	Storm Drain
140	Oahu	Honolulu	HECO Pad-Mounted Transformer #65129 Release	20141016-1415	Transformer Oil	Soil
141	Oahu	Honolulu	Kamookoa Place Hydraulic line release	20141021-1515	Hydraulic	Storm Drain
142	Oahu	Honolulu	HECO Transformer Pole-Mounted #56234 Release	20141022-1504	Transformer Oil	Soil
143	Oahu	Honolulu	Hawaiian Tel utility box on sidewalk with oily water and sludge	20141028-1250	Oily Water Mixture and Sludge	Concrete
144	Oahu	Honolulu	Chemical Odor from Demolished House	20141111-1345	Unknown	Air
145	Oahu	Honolulu	HECO Pad-Mounted Transformer #54112 Release	20141114-1426	Transformer Oil	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2015

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2015						
Island	Locality	Unit Name	Case Number	Substances	Media	
146	Oahu	Honolulu	HECO Pad-Mounted Transformer #56353 Release	20141114-1427	Transformer Oil	Soil
147	Oahu	Honolulu	The Collection LLC sheen	20141126-0920	Unknown	Groundwater
148	Oahu	Honolulu	United Airlines 11-21-2014 release	20141126-1445	Diesel/water	Concrete
149	Oahu	Honolulu	Hydraulic Oil Spill, C & C	20141202-1022	Hydraulic Oil	Concrete
150	Oahu	Honolulu	Honolulu Marine Water Trench 12-02	20141202-1500	Oil	Soil
151	Oahu	Honolulu	Honolulu Marine Water Trench - Trench B	20141202-1514	Oil	Soil
152	Oahu	Honolulu	Unknown Sheen in Mamala Bay	20141203-1250	Oil	Ocean
153	Oahu	Honolulu	Honolulu Marine Water Trenches A, B, C	20141204-0950	Oil	Soil
154	Oahu	Honolulu	Honolulu Marine Water Trenches 20 gallons	20141208-0850	Oil	Soil
155	Oahu	Honolulu	Grace Pacific & City and County of Honolulu hydraulic spill	20141217-1500	Hydraulic Oil	Asphalt
156	Oahu	Honolulu	Kahala Hotel and Resort diesel release	20141219-1342	Diesel Fuel	Soil
157	Oahu	Honolulu	Security Branch by Pier 9	20141222-1326	Suspicious Activity	Other
158	Oahu	Honolulu	Unknown Sheen at Pier 36	20141225-0900	Oil	Ocean
159	Oahu	Honolulu	Tony Roma's Waikiki odor	20150108-1102	Unknown	Air
160	Oahu	Honolulu	Unknown sheen NRC 1105185	20150108-1136	Oil	Ocean
161	Oahu	Honolulu	HECO Pole-Mounted #64131 Transformer Release	20150109-0938	Transformer Oil	Soil
162	Oahu	Honolulu	HECO Pole-Mounted Transformer#55927 Release	20150109-0939	Transformer Oil	Soil
163	Oahu	Honolulu	HECO Pad-Mounted Transformer #29743 Release	20150109-0940	Transformer Oil	Soil
164	Oahu	Honolulu	Commuter Rental Car Center	20150109-1520	Unknown	Soil
165	Oahu	Honolulu	Judy K sinking	20150112-0721	Oil	Ocean
166	Oahu	Honolulu	Air New Zealand 1105297	20150112-0725	Jet Fuel	Concrete
167	Oahu	Honolulu	Aloha Air Cargo 1105384	20150112-0726	Jet-A	Concrete
168	Oahu	Honolulu	Unknown Sheen at Pier 1	20150112-1222	Oil	Ocean
169	Oahu	Honolulu	Unknown Sheen in Honolulu Harbor by Pier 17	20150113-1447	Oil	Ocean
170	Oahu	Honolulu	Small Diesel spill by Honolulu Airport	20150114-0950	Diesel Fuel	Soil
171	Oahu	Honolulu	Sewage Spill in Honolulu Harbor from USCG	20150115-0825	Sewage	Ocean
172	Oahu	Honolulu	Sheen on water by Nimitz Hwy	20150115-0944	Oil	Ocean
173	Oahu	Honolulu	Contaminated soil from old release near Pier 30	20150115-1826	Oil	Soil
174	Oahu	Honolulu	Dark liquid in the water	20150115-1837	Unknown	Ocean

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2015

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2015						
Island	Locality	Unit Name	Case Number	Substances	Media	
175	Oahu	Honolulu	Sheen seen off Pier 30-31	20150116-0909	Oil	Ocean
176	Oahu	Honolulu	5 gallons of gas spilled at a station	20150116-1025	Gasoline	Concrete
177	Oahu	Honolulu	Tar Balls and oil substance at Ala Moana Beach	20150119-1302	Tar balls	Ocean
178	Oahu	Honolulu	Security Breach Near Pier 31	20150120-0745	Suspicious Activity	Within Facility
179	Oahu	Honolulu	KMR cleanup Transformer vandalism	20150123-1220	Transformer Oil	Asphalt/Concrete
180	Oahu	Honolulu	Unknown Sheen NRC 1106834	20150128-1503	Oil	Ocean
181	Oahu	Honolulu	Raw Sewage Release into Honolulu Harbor	20150202-0955	Sewage	Ocean
182	Oahu	Honolulu	Motor Oil Spill on Concrete at a Gas Station	20150203-0745	Motor Oil	Concrete
183	Oahu	Honolulu	Possible Paint Spill on Sand Island	20150207-1755	Paint	Other
184	Oahu	Honolulu	Fuel Spill at Airport Gate 8	20150208-1427	Jet Fuel A	Concrete
185	Oahu	Honolulu	Honolulu Airport Spill at Gate 26	20150208-2200	Jet Fuel A	Concrete
186	Oahu	Honolulu	HECO Substation Transformer Release	20150209-1115	Transformer Oil	Soil
187	Oahu	Honolulu	Chevron 1055 Ahua Street	20150226-0930	Gasoline	Concrete
188	Oahu	Honolulu	1122 Wilder	20150316-1150	Unknown	Air
189	Oahu	Honolulu	Sheen in Honolulu Harbor Pier 38-40	20150318-0748	Oil	Ocean
190	Oahu	Honolulu	Unknown Sheen at Ala Wai Harbor G-Dock	20150319-0848	Oil	Ocean
191	Oahu	Honolulu	Possible Release of oil into water	20150320-0745	Oil	Ocean
192	Oahu	Honolulu	HECO Pole-Mounted Transformer #67509 Release	20150320-1413	Transformer Oil	Soil
193	Oahu	Honolulu	Diesel Spill, Honolulu Harbor Pier 2B	20150410-1635	Diesel Fuel	Ocean
194	Oahu	Honolulu	Honolulu Airport Spill Gate 18	20150410-2045	Jet A	Asphalt
195	Oahu	Honolulu	Honolulu International Airport Jet Fuel Vault between Taxiways G and L	20150415-1430	Jet Fuel	Groundwater
196	Oahu	Honolulu	Oil Spill in Honolulu Harbor from B. Ace Vessel	20150501-1409	Fuel Oil	Ocean
197	Oahu	Honolulu	Honolulu International Airport Gate 28	20150517-1314	Fuel	Concrete
198	Oahu	Honolulu	Spill of Fuel from Landmark Aviation	20150518-0928	Jet Fuel A	Concrete
199	Oahu	Honolulu	Illegal Dumping of Chemical in Kalihi	20150519-1845	Unknown	Drum or Other Container
200	Oahu	Honolulu	Pier 39 Boring indicating petroleum	20150520-1050	Oil	Groundwater
201	Oahu	Honolulu	Young Brothers hydraulic oil release P39	20150528-0900	Hydraulic Oil	Concrete
202	Oahu	Honolulu	1700 Kapiolani hydraulic oil leak	20150528-1338	Hydraulic Oil	Plants

**HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2015**

<b>HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2015</b>						
<u>Island</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
203	Oahu	Honolulu	Alleged Fuel Spill on Nimitz Highway	20150601-1130	Water	Asphalt
204	Oahu	Honolulu	Security Breach	20150601-1734	Suspicious Activity	Other
205	Oahu	Honolulu	DOT Water Main Break	20150602-1245	Water	Groundwater
206	Oahu	Honolulu	Chevron Hole in Vehicle Fuel Tank	20150602-1807	Gasoline	Concrete
207	Oahu	Honolulu	Doorae Shipping	20150608-0644	Oil	Ocean
208	Oahu	Honolulu	Ferric Chloride Release	20150612-1620	Ferric Chloride	Within Facility
209	Oahu	Kailua	Kapaa Transfer Station Cylinders Removal	20140822-1131	Acetylene, Carbon dioxide and Oxygen Cylinders	Within Facility
210	Oahu	Kailua	HECO Pole-Mounted Transformer#79579 Release	20141023-1401	Transformer Oil	Soil
211	Oahu	Kailua	Fuel Smell in Residential Area	20141203-1031	Unknown	Air
212	Oahu	Kailua	Sinking Vessel Near Lanikai Beach	20141223-0745	Gasoline	Ocean
213	Oahu	Kailua	Hawaiian Pumping Specialists	20150120-0900	Oil	Within Facility
214	Oahu	Kailua	HECO Pole-Mounted Transformer#53465 Release	20150306-1033	Transformer Oil	Soil
215	Oahu	Kailua	76 Service Station hydraulic hoist leak	20150521-1118	Diesel and Hydraulic Oil	Soil
216	Oahu	Kaneohe	Kaneohe - Kailua Sewer Tunnel Project	20140917-1530	PCB	Soil
217	Oahu	Kaneohe	Gasoline into storm drain	20141225-0859	Gasoline	Storm Drain
218	Oahu	Kaneohe	Alleged Waiahole River diversion	20150108-0833	None	Other
219	Oahu	Kaneohe	UXO Discovered in Kaneohe Bay	20150117-1721	UXO	Ocean
220	Oahu	Kaneohe	Dead tilapia in Kawainui Canal	20150224-0831	Unknown	Stream
221	Oahu	Kaneohe	Unknown Sheen	20150608-1052	Oil	Ocean
222	Oahu	Kapolei	Island Recycling H-Power post-combustion metal	20140703-1129	Lead	Air
223	Oahu	Kapolei	Chevron Off-shore mooring 7-25-2014	20140725-1300	Oil	Ocean
224	Oahu	Kapolei	Sulfur Dioxide Release From HIE in Kapolei	20140914-0926	Sulfur Dioxide	Air
225	Oahu	Kapolei	HIE Single Point Mooring Planned Maintenance	20141005-0910	Oily Water Mixture	Ocean
226	Oahu	Kapolei	HECO Pad-Mounted Transformer #70629 Release	20141016-1416	Transformer Oil	Soil
227	Oahu	Kapolei	HECO Pad-Mounted Transformer #70089 Release	20141016-1417	Transformer Oil	Soil
228	Oahu	Kapolei	Hawaii Logistics Storage Horizon HRZU 581333 8 45R 1 container	20150108-0700	Diesel Fuel	Concrete
229	Oahu	Kapolei	HECO Pad-Mounted Transformer #79214 Release	20150306-1032	Transformer Oil	Soil
230	Oahu	Kapolei	Aina Nui Corporation Unburied Trash and CD	20150420-1349	Oil	Soil

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2015

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2015						
Island	Locality	Unit Name	Case Number	Substances	Media	
231	Oahu	Kapolei	Hawaii Army National Guard at Kalaeloa Airport abandon pipeline incident	20150504-0836	black thick petroleum	Coral
232	Oahu	Kapolei	HIE SO2 Exceedance	20150616-0741	Sulfur Dioxide	Air
233	Oahu	Kapolei	Drill Chevron Phone Notification Drill	20150629-0833	Oil	Within Facility
234	Oahu	Keaau	HECO Pad-Mounted Transformer #34994 Release	20141029-1452	Transformer Oil	Soil
235	Oahu	Laie	Sailing Vessel Doubloon	20150512-0641	Oil	Ocean
236	Oahu	Mililani	HECO Pad-Mounted Transformer #35419 Release	20140923-1454	Transformer Oil	Soil
237	Oahu	North Shore	U.S.C.G. Rescue Vessel anchored close to shore	20150512-0642	Diesel Fuel	Ocean
238	Oahu	Ocean View	HECO Pole-Mounted Transformer#44722 Release	20150204-1407	Transformer Oil	Soil
239	Oahu	Open Ocean	Possible sheen in Ocean seen in an overflight	20140922-1052	Unknown	Ocean
240	Oahu	Open Ocean	Potential Release from a cargo ship enroute to Hawaii	20141204-0745	Fuel Oil	Within Facility
241	Oahu	Pearl City	HECO Pad-Mounted Transformer #36991 Release	20140721-1404	Transformer Oil	Soil
242	Oahu	Pearl City	Rad request to get into Waimano Hm. Rd.	20141025-1108	Unknown	Other
243	Oahu	Pearl City	Pearl City Police Station Blood	20141217-1740	Contaminant	Within Facility
244	Oahu	Pearl City	HECO Pad-Mounted Transformer #29802 Release	20150209-1117	Transformer Oil	Soil
245	Oahu	Pearl City	HECO Unknown Sheen 1112287	20150401-0700	Oil	Ocean
246	Oahu	Pearl City	HECO Pad-Mounted Transformer #78545 Release	20150507-1002	Transformer Oil	Soil
247	Oahu	Pearl Harbor	Oil Water Mixture into Pearl Harbor	20140708-1108	Oily Water Mixture	Ocean
248	Oahu	Pearl Harbor	Unknown Sheen Spotted in Pearl Harbor	20140730-0745	Oil	Ocean
249	Oahu	Pearl Harbor	Hydraulic Oil Release in Pearl Harbor	20140822-0821	Hydraulic Fluid	Ocean
250	Oahu	Pearl Harbor	Diesel Spill At Pier S-8 Pearl Harbor	20140927-0830	Diesel Fuel	Ocean
251	Oahu	Pearl Harbor	USS Preble (DDG-88)	20141219-1415	Hydraulic	Ocean
252	Oahu	Pearl Harbor	USN USS John Paul Jones	20150110-1145	Oil	Ocean
253	Oahu	Pearl Harbor	Lubrication Oil spilled into water	20150114-1520	Lube Oil	Ocean
254	Oahu	Pearl Harbor	Spill from the USS Preble	20150204-0745	Marine Diesel	Ocean
255	Oahu	Pearl Harbor	Bravo 1 release	20150309-1455	Bunker C/IFO/HFO	Ocean
256	Oahu	Pearl Harbor	Diesel Sheen at Pearl Harbor Pier B 14	20150321-2258	Diesel Fuel	Ocean
257	Oahu	Pearl Harbor	Fuel spill from ship during fueling	20150605-1551	Oil	Ocean
258	Oahu	Single Point Mooring	Polar Resolution	20150624-1824	Oil	Ocean

HSRP CHEMICAL RELEASE NOTIFICATION LOG FY2015

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2015						
<u>Island</u>	<u>Locality</u>	<u>Unit Name</u>	<u>Case Number</u>	<u>Substances</u>	<u>Media</u>	
259	Oahu	Wahiawa	Used oil AST leaked due to tree growth	20140708-0755	Used oil	Soil
260	Oahu	Wahiawa	Island Power Hawaii used oil AST release	20140717-1508	Used oil	Soil
261	Oahu	Wahiawa	HECO Pad-Mounted Transformer #66437 Release	20141114-1418	Transformer Oil	Soil
262	Oahu	Waianae	Unknown Sheen Reported at Keaweula Bay	20140803-1743	Unknown	Ocean
263	Oahu	Waianae	HECO Pole-Mounted #21266 Transformer Release	20150109-0937	Transformer Oil	Soil
264	Oahu	Waianae	HECO Pole-Mounted Transformer#81675 Release	20150313-1342	Transformer Oil	Soil
265	Oahu	Waianae	85-1159 Waianae Valley Road Black Substance	20150405-1445	Carbon	Soil
266	Oahu	Waimanalo	Waimanalo Convenience Center Cylinders Removal	20140822-1130	Acetylene and Oxygen Cylinders	Within Facility
267	Oahu	Waimanalo	HECO Pole- Mounted Transformer #87704 Release	20150209-1114	Transformer Oil	Soil
268	Oahu	Waimanalo	Marine Corps' Osprey aircraft crash at Bellows Airfield	20150521-1530	Jet Fuel	Soil
269	Oahu	Waipahu	Paint and Paint Thinners dumped at Ahua	20140811-1430	Paint Thinner	Concrete
270	Oahu	Waipahu	Aloha Petroleum Gas Station Leak	20141025-1238	Diesel Fuel	Soil
271	Oahu	Waipahu	HECO Pad-Mounted Transformer #59711 Release	20150316-1406	Transformer Oil	Soil

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

Chapter 128D, HRS, Environmental Response Law, Section 7, HRS mandates that a State List of Sites be published annually listing the sites with potential or known hazardous substances or pollutants or contaminants. Overall, in FY2015, HEER had oversight responsibilities for 460 active sites, and reached No Further Action determinations at 29 sites.

We present the list in two sections.

The Hawaii State Response Program List of Priority Sites presents all non-military Hawaii sites identified for potential or known non-emergency response actions under HRS 128D. Current ERRF funding supports only part of the HEER Office response obligation for these sites. 460 active sites under direct DOH oversight in the various State programs are listed and include 29 new sites that were added during the last fiscal year, due to intensive ongoing identification of new sites through HEER Office site discovery efforts and voluntary investigation actions by owners or developers of previously unidentified properties. 38 state sites with known or suspected contamination received No Further Action Determinations. Of those, 23 sites require ongoing management of residual contamination through Environmental Hazard Management Plans. Note that these sites are not included separately on the Priority Site list below.

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

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

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

**HSRP LIST OF PRIORITY SITES FY2015**

**FY2015 Response Program Activity**

Response Program Activity Summary data presented in this section for the Hawaii State Response Program (SRP) includes all Hawaii sites identified for non-emergency response actions during FY2015 and sites requiring evaluation if an assessment or response action is required under HEER Office authority. The HEER Office manages sites within five program areas depending upon eligibility, funding, and level of responsible party participation as:

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

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

<b>Program Category</b>	<b>Program Action</b>	<b>High Priority</b>	<b>Medium Priority</b>	<b>Low Priority</b>	<b>NFA Restricted</b>	<b>NFA Unrestricted</b>	<b>Total</b>
State	Assessment	8	26	92	1	0	127
	Response	58	129	70	16	6	279
Brownfields	Assessment	0	3	10	0	0	13
	Response	2	3	2	1	0	8
VRP	Assessment	1	1	1	0	0	3
	Response	2	2	0	1	0	5
SDAR & PA/SI	Assessment	1	7	6	0	4	18
	Response	1	2	2	0	0	5
NPL	Assessment	0	2	0	0	0	2
	Response	0	0	0	0	0	0
<b>Total</b>		<b>73</b>	<b>175</b>	<b>183</b>	<b>19</b>	<b>10</b>	<b>460</b>
DSMOA	Assessment	12	78	193	3		286
	Response	12	23	17	19		71
<b>Total</b>		<b>24</b>	<b>101</b>	<b>110</b>	<b>22</b>		<b>357</b>

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015								
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
1	French Frigate	Tern Island	Tern Island	High	Response	Hazard Present	Ongoing	State
2	Hawaii	Hakalau	Hakalau Sugar Mill	Low	Assessment	Hazard Undetermined	Inactive	State
3	Hawaii	Hakalau	Mauna Kea Sugar - Hakalau Sugar Plantation	High	Response	Hazard Present	Ongoing	State
4	Hawaii	Hamakua	Agent Orange Application	Low	Response	Hazard Undetermined	Inactive	State
5	Hawaii	Hawi	Harbottle Property	Low	Assessment	Hazard Undetermined	Ongoing	State
6	Hawaii	Hilo	Aloha Petroleum Hilo Bulk Plant	Medium	Response	Hazard Present	Ongoing	State
7	Hawaii	Hilo	Big Island Asphalt Co Inc	Medium	Response	Hazard Present	Ongoing	State
8	Hawaii	Hilo	Equilon Enterprises LLC - Hilo Terminal (Shell Oil Co)	Low	Response	Hazard Present Hazard Managed With Institutional Controls	Ongoing	State
9	Hawaii	Hilo	Hatada Bakery (Former)	Low	Response	Hazard Present	Inactive	State
10	Hawaii	Hilo	Hawaii Cane Products Plant - Waiakea Pond Hawaii County DWS - Former Steel Water Tank	High	Response	Hazard Present	Ongoing	State
11	Hawaii	Hilo	Kawailani Street, Hilo	Medium	Assessment	Hazard Present	Ongoing	State
12	Hawaii	Hilo	Hawaii Pest Control	High	Response	Hazard Present	Ongoing	State
13	Hawaii	Hilo	HELCO Substation: Kuhio	Medium	Assessment	Hazard Present	Ongoing	State
14	Hawaii	Hilo	Highway 19, Mile Marker 28.5	Low	Assessment	Hazard Undetermined	Ongoing	State
15	Hawaii	Hilo	Hilo Memorial Hospital	Low	Response	Hazard Undetermined Hazard Managed With Institutional Controls	Ongoing	State
16	Hawaii	Hilo	Hilo Quality Washerette	Low	Response	Hazard Present	Ongoing	State
17	Hawaii	Hilo	Hilo Terminal 666 Kalaniana'ole Avenue	Medium	Response	Hazard Present	Ongoing	State
18	Hawaii	Hilo	Kanoelehua Industrial Warehouse	Low	Assessment	Hazard Undetermined	Inactive	Brownfields Site
19	Hawaii	Hilo	Kawailani Central Office	Medium	Assessment	Hazard Undetermined	Ongoing	State
20	Hawaii	Hilo	Keaukaha Military Reservation Container Disposal	Low	Assessment	Hazard Undetermined	Ongoing	HIANG Site
21	Hawaii	Hilo	Kuawa Street Soccer Fields Development Site	Low	Assessment	Hazard Present	Ongoing	State
22	Hawaii	Hilo	Lanakila Homes Phase 3B-4	Medium	Assessment	Hazard Present	Ongoing	State
23	Hawaii	Hilo	Larry's Waiakea Chevron	Low	Response	Hazard Undetermined	Ongoing	State
24	Hawaii	Hilo	Mauna Kea Sugar - Hilo Sugar Pesticide Mixing Area	High	Response	Hazard Present	Ongoing	Site Discovery
25	Hawaii	Hilo	Mauna Kea Sugar - Onomea Seed Dipping Area	Low	Assessment	Hazard Present	Ongoing	Site Discovery
26	Hawaii	Hilo	Wood Protection Company (HPM Building Supply) Hamakua Sugar Company Inc - Kawela Pesticide	Low	Assessment	Hazard Present	Ongoing	State
27	Hawaii	Honokaa	Mixing Area	Low	Response	Hazard Present	Ongoing	Site Discovery

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HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015								
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
28	Hawaii	Honokaa		Hamakua Sugar Company, Inc - Honokaa Haina Mill Pesticide Mixing Area	Low	Assessment	Hazard Undetermined	Ongoing PA/SI
29	Hawaii	Honokaa		Honokaa Wastewater Treatment Plant	Low	Assessment	Hazard Present	Ongoing State
30	Hawaii	Kailua		Kealakehe Transfer Station	Low	Assessment	Hazard Undetermined	Ongoing State
31	Hawaii	Kailua-Kona		Hawaii Petroleum- Kona Branch (Kona Warehouse & Cardlock)	Low	Assessment	Hazard Undetermined	Ongoing State
32	Hawaii	Kailua-Kona		Honokohau Industrial Park-Lower Boat Park Soil Contamination	Low	Response	Hazard Undetermined	Ongoing State
33	Hawaii	Kamuela		Kamuela Baseyard	Low	Assessment	Hazard Undetermined	Inactive State
34	Hawaii	Kamuela		Waimea Quarry	Low	Assessment	Hazard Undetermined	Ongoing State
35	Hawaii	Kawaihae		Akana Petroleum, Inc-Kawaihae Harbor	Medium	Assessment	Hazard Undetermined	Ongoing State
36	Hawaii	Keaau		Kamehameha Schools Keaau Campus	Low	Assessment	Hazard Undetermined	Ongoing State
37	Hawaii	Keaau		Keaau Hotel Site	High	Response	Hazard Managed With Engineering Controls	Ongoing State
38	Hawaii	Keaau		Keaau Middle School	High	Assessment	Hazard Managed With Institutional Controls	Inactive State
39	Hawaii	Keaau		Keaau Paho Road 118 Acre Parcel	High	Response	Hazard Present	Inactive State
40	Hawaii	Keaau		Keaau Triangle Lot	High	Response	Hazard Present	Inactive State
41	Hawaii	Keaau		Puna Sugar Mill	Medium	Assessment	Hazard Undetermined	Ongoing PA/SI
42	Hawaii	Kealakekua		Kealakekua Heritage Ranch	Low	Response	Hazard Present	Ongoing State
43	Hawaii	Keauhou		Keauhou Mechanics Yard	Low	Assessment	Hazard Undetermined	Inactive State
44	Hawaii	Kohala		Kohala Sugar Company	High	Assessment	Hazard Present	Ongoing State
45	Hawaii	Laupahoehoe		Hamakua Sugar Company, Inc - Papaaloa Pesticide Mixing Area	Low	Assessment	Hazard Present	Ongoing Site Discovery
46	Hawaii	Naalehu		Hawaii Petroleum Distributors, Inc 200 Gallon Fuel Spill	Low	Assessment	Hazard Present	Inactive State
47	Hawaii	Naalehu		Kaalaiki Industrial Lot D	High	Response	Hazard Present	Ongoing State
48	Hawaii	Naalehu		Kaalaiki Industrial Lots B-D	NFA	Response	Hazard Managed With Engineering Controls	NFA Fast Track
49	Hawaii	Ookala		Ookala Gym and Ball Park	Low	Assessment	Hazard Present	Inactive Brownfields
50	Hawaii	Paauhau		Hamakua Sugar Company, Inc - Paauhau Sugar Mill	Medium	Response	Hazard Present	Ongoing Site Discovery
51	Hawaii	Paauilo		Hamakua Sugar Company, Inc - Asbestos Disposal Site	Low	Assessment	Hazard Present	Ongoing State
52	Hawaii	Paauilo		Hamakua Sugar Company, Inc - Paauilo Seed Dipping Plant	Medium	Assessment	Hazard Undetermined	Ongoing Site Discovery

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HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015										
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program			
53	Hawaii	Paauiilo			Hamakua Sugar Company, Inc - Paauiilo Sugar Mill Pesticide Mixing Area	High	Assessment	Hazard Present	Ongoing	PA/SI
54	Hawaii	Paauiilo			Mauna Kea Ranch Overspill Spillage	Low	Assessment	Hazard Undetermined	Inactive	State
55	Hawaii	Pahala			Kau Sugar Mill	Medium	Response	Hazard Present	Ongoing	State
56	Hawaii	Pahala			ML Macadamia Orchards, LP (Kau Div)	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
57	Hawaii	Papaikou			27-0330 Mamalahoa Highway Collision	Low	Response	Hazard Undetermined	Ongoing	State
58	Hawaii	Papaikou			Mauna Kea Sugar - Onomea Sugar Papaikou Mill Pesticide Mixing Area	Medium	Response	Hazard Present	Ongoing	Site Discovery
59	Hawaii	Pepeekeo			Black Oil and Drum Sites	Low	Response	Hazard Present	Ongoing	State
60	Hawaii	Pepeekeo			Hilo Coast Power Company Diesel Fuel Storage Tank	Low	Assessment	Hazard Managed With Institutional Controls	Ongoing	State
61	Hawaii	Pepeekeo			Kraus Property	Medium	Assessment	Hazard Present	Ongoing	State
62	Hawaii	Pepeekeo			Mauna Kea Sugar - Pepeekeo Mill Herbicide Mixing Area	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
63	Hawaii	South Kona			Kamehameha Schools Estoy Property	Medium	Response	Hazard Present	Ongoing	State
64	Hawaii	Waiakea			Waiakea Upland Arsenic Site	High	Assessment	Hazard Present	Inactive	State
65	Hawaii	Waipunalei			Hamakua Sugar Company, Inc - Waipunalei	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	Site Discovery
66	Kauai	Barking Sands			Kauai Test Facility	Low	Assessment	Hazard Present	Ongoing	State
67	Kauai	Eleele			McBryde Sugar Numila Pesticide Mixing Area	Medium	Assessment	Hazard Present	Ongoing	State
68	Kauai	Hanamaulu			Lihue Plantation Co, Ltd - Lihue Herbicide Mixing Plant	Medium	Response	Hazard Undetermined	Ongoing	State
69	Kauai	Hanapepe			Sakoda Garage	Low	Response	Hazard Present	Ongoing	State
70	Kauai	Kalaheo			Kalaheo Elementary Phase 1	Low	Assessment	Hazard Undetermined	Ongoing	State
71	Kauai	Kapaa			Leonard's, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
72	Kauai	Kapaa			Wailua Homestead Wells 0421-01& 02	Low	Response	Hazard Present	Inactive	State
73	Kauai	Kekaha			HIANG Kekaha	Low	Assessment	Hazard Undetermined	Inactive	HIANG Site
74	Kauai	Kekaha			Kekaha Diesel Generator	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
75	Kauai	Kekaha			Kekaha Sugar Co, Ltd	Medium	Response	Hazard Present	Ongoing	State
76	Kauai	Kekaha			Kekaha Sugar Co, Ltd - Kekaha Wood Treatment Plant	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
77	Kauai	Kilauea			Hale Hoolulu-Kilauea	Low	Response	Hazard Present	Ongoing	State
78	Kauai	Kilauea			Kilauea Sugar Company Pesticide Mixing and Storage Area	NFA	Response	Hazard Managed With Engineering Controls	NFA	State

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HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015								
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
79	Kauai	Lihue	Former Ahukini Dump	Low	Assessment	Hazard Present	Ongoing	State
80	Kauai	Lihue	Grace Pacific Corporation - Hanamaulu Facility	High	Assessment	Hazard Undetermined Hazard Managed With	Ongoing	State
81	Kauai	Lihue	Hokulei Village Department of Water Tank	NFA	Response	Institutional Controls	NFA	State
82	Kauai	Lihue	Koamalu Plantation LLC Condominium	Medium	Response	Hazard Undetermined	Ongoing	State
83	Kauai	Lihue	Lihue Plantation Co, Ltd	High	Response	Hazard Present	Ongoing	Brownfields
84	Kauai	Lihue	Lihue Plantation Co, Ltd - Lihue Sugar Mill and Power Plant	Medium	Assessment	Hazard Undetermined	Ongoing	Brownfields
85	Kauai	Lihue	Nawiliwili Fuel Distribution Terminal	Low	Response	Hazard Undetermined	Ongoing	State
86	Kauai	Lihue	Nawiliwili Harbor Pier 1 Fuel Contamination	Low	Assessment	Hazard Undetermined	Ongoing	State
87	Kauai	Lihue	Nawiliwili Harbor Pier 2 Oil Spill	Low	Assessment	Hazard Undetermined	Inactive	State
88	Kauai	Lihue	Nawiliwili Harbor Pier 3 Bollard Foundation Construction	Low	Assessment	Hazard Undetermined	Inactive	State
89	Kauai	Lihue	Nawiliwili Harbor Pier 3 Improvements	Low	Response	Hazard Present	Ongoing	State
90	Kauai	Princeville	Princeville Water System PCB contamination	High	Assessment	Hazard Undetermined	Ongoing	State
91	Kauai	Puhi	Grove Farm Company at Puhi	Medium	Assessment	Hazard Present	Ongoing	State
92	Kauai	Wailua	Coco Palms Sewage Pump Station	Low	Assessment	Hazard Undetermined	Inactive	State
93	Kauai	Waimea	Meadow Gold Dairies, Inc- Waimea	Low	Response	Hazard Present	Inactive	State
94	Kauai	Waimea	Navy MFH PMRF Barking Sands	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
95	Kure Atoll	Kure Atoll	Kure Atoll, U.S. Coast Guard	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
96	Maui	Hana	Kaeleku Plantation Company Mill	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
97	Maui	Kahului	A&B Central Power Plant Pipelines	Medium	Assessment	Hazard Present	Ongoing	State
98	Maui	Kahului	A&B Properties, Inc., Suspected Former Agricultural Deep Soil Dump	Low	Assessment	Hazard Undetermined	Inactive	State
99	Maui	Kahului	Costco #119 Maui Addition Lot 21A	Medium	Response	Hazard Present	Ongoing	VRP
100	Maui	Kahului	Fong Construction	Low	Assessment	Hazard Undetermined	Inactive	State
101	Maui	Kahului	Hobron Ave Area (Kahului)	Low	Response	Hazard Present	Ongoing	State
102	Maui	Kahului	Kahului Fuel Distribution Terminal	Low	Response	Hazard Present	Ongoing	State
103	Maui	Kahului	Kahului Harbor Pier 1	Low	Assessment	Hazard Present	Ongoing	State
104	Maui	Kahului	Kahului Terminal	Low	Response	Hazard Present	Ongoing	State
105	Maui	Kahului	Maui Pineapple Co Ltd, Kane Street	Medium	Response	Hazard Undetermined	Ongoing	State

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Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
106	Maui	Kahului	MECO Pole-Mount Transformer No. 6930	Low	Assessment	Hazard Undetermined	Inactive	State
107	Maui	Kahului	Sears Auto Center	Low	Assessment	Hazard Undetermined	Inactive	State
108	Maui	Kahului	VIP Warehouse	Low	Assessment	Hazard Present	Ongoing	State
109	Maui	Kihei	Selland Construction Inc, Kihei Base Yard	Low	Response	Hazard Undetermined	Inactive	State
110	Maui	Lahaina	ADP Towing	NFA	Response	No Hazard	NFA	State
111	Maui	Lahaina	Kapalua Resort Company	Low	Assessment	Hazard Undetermined	Ongoing	State
112	Maui	Lahaina	Lahaina Cannery Mall Phase II Assessment	Low	Response	Hazard Undetermined	Ongoing	State
113	Maui	Lahaina	Lipoa Point Parcel 10	NFA	Response	No Hazard	NFA	State
114	Maui	Lahaina	MECO Submersible Transformer No. 4726	Low	Assessment	Hazard Undetermined	Inactive	State
115	Maui	Lahaina	Olowalu Company Sugar Mill	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
116	Maui	Lahaina	Oppenheimer - Kai Mauka Iki Apartments	Low	Assessment	Hazard Undetermined	Ongoing	State
117	Maui	Paia	Paia Sugar Mill	Medium	Assessment	Hazard Present	Ongoing	PA/SI
118	Maui	Pukalani	Maui Pineapple Co Ltd, Corn Mill Camp	High	Assessment	Hazard Present	Ongoing	State
119	Maui	Puunene	Old Puunene Airport Soil Contamination	Low	Assessment	Hazard Undetermined Hazard Managed With Institutional Controls	Ongoing	State
120	Maui	Wailuku	122 West Ahuliu Way	NFA	Response	Hazard Undetermined	NFA	State
121	Maui	Wailuku	Organizational Maintenance Shop #3 (OMS #3)	Low	Assessment	Hazard Undetermined	Ongoing	HIANG Site
122	Maui	Wailuku	Waiale Ash Pile	Low	Response	Hazard Present	Ongoing	State
123	Maui	Wailuku	Waihee Elementary School	Low	Assessment	Hazard Undetermined	Ongoing	State
124	Maui	Wailuku	Wailuku Sugar Agricultural Department Pesticide Mixing Grace Pacific Corporation Manawainui, Molokai Facility	Medium	Assessment	Hazard Managed With Institutional Controls	Ongoing	Site Discovery
125	Molokai	Hoolehua	Long Range Navigation Station Ilio Point	Low	Response	Hazard Present	Ongoing	State
126	Molokai	Ilio Point	Kalaupapa Settlement - Historical Burn Area	Medium	Response	No Hazard	Ongoing	State
127	Molokai	Kalaupapa	Kalaupapa Settlement - Molokai Lighthouse	Low	Response	Hazard Present	Ongoing	Site Discovery
128	Molokai	Kalaupapa	Kalaupapa Settlement - Pesticide Shed	NFA	Assessment	No Hazard	NFA	Site Discovery
129	Molokai	Kalaupapa	Kalaupapa Settlement - Transformer	NFA	Assessment	No Hazard	NFA	Site Discovery
130	Molokai	Kalaupapa	Kalaupapa Settlement - Wood Treatment Shed	NFA	Assessment	No Hazard	NFA	Site Discovery
131	Molokai	Kaunakakai	DLNR Water Line Installation	NFA	Assessment	No Hazard	NFA	Site Discovery
132	Molokai	Kaunakakai	DLNR Water Line Installation	Medium	Assessment	Hazard Undetermined	Ongoing	State
133	Molokai	Kaunakakai	Galiher-Ono Property	Medium	Response	Hazard Present	Ongoing	State

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015								
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
134	Molokai	Kaunakakai	Hawaiian Eye Center	Low	Assessment	Hazard Undetermined	Inactive	State
135	Molokai	Kaunakakai	Island Petroleum, Inc (Kaunakakai Terminal)	Low	Response	Hazard Present	Ongoing	State
136	Molokai	Kaunakakai	Kaunakakai Drainage System B	Medium	Assessment	Hazard Undetermined	Ongoing	State
137	Molokai	Kaunakakai	Molokai Community Service Center	Medium	Response	Hazard Present	Ongoing	State
138	Molokai	Maunaloa	Molokai Ranch Pineapple Pesticide and Maintenance Operations	Medium	Assessment	Hazard Undetermined Hazard Managed With Engineering Controls	Ongoing	Site Discovery
139	Oahu	Aiea	Aiea Sugar Mill Lot 15	High	Response	Hazard Present	Ongoing	VRP
140	Oahu	Aiea	Grace Pacific Corporation - Halawa Valley Street	Low	Response	Hazard Present	Ongoing	State
141	Oahu	Aiea	Hawaii Baking Company	Low	Assessment	Hazard Undetermined	Inactive	State
142	Oahu	Aiea	HECO Transformer 52091	Low	Assessment	Hazard Undetermined	Inactive	State
143	Oahu	Aiea	Navy MFH Halawa	Medium	Response	Hazard Undetermined Hazard Managed With Engineering Controls	Ongoing	State
144	Oahu	Aiea	Navy MFH McGrew Point	Medium	Response	Hazard Undetermined Hazard Managed With Engineering Controls	Ongoing	State
145	Oahu	Aiea	Sears Pearlridge #1578 Elevator Jack	Low	Response	Hazard Present	Inactive	State
146	Oahu	Aiea	Sears Pearlridge #1578 Hydraulic Hoist	Low	Response	Hazard Present	Ongoing	State
147	Oahu	Barbers Point	Aloha Petroleum, Barbers Pt Sales Terminal (Formerly Texaco/Equilon)	Low	Response	Hazard Present	Ongoing	State
148	Oahu	Barbers Point	Barbers Point Harbor Expansion	Low	Response	Hazard Undetermined	Ongoing	State
149	Oahu	Barbers Point	Barbers Point Harbor Pier 5	Low	Assessment	Hazard Undetermined	Inactive	State
150	Oahu	Barbers Point	Barbers Point Harbor Pier 7 and Storage Yard S-6	Low	Assessment	Hazard Undetermined Hazard Managed With Engineering Controls	Inactive	State
151	Oahu	Camp HM Smith	Marines MFH Camp Smith	Medium	Response	Hazard Undetermined	Ongoing	State
152	Oahu	Ewa	Ewa Mill Manager's Mansion and Three-House Camp	Low	Response	Hazard Undetermined	Inactive	Brownfields
153	Oahu	Ewa	Waipahu Garden Center	Low	Assessment	Hazard Undetermined	Ongoing	Brownfields
154	Oahu	Ewa Beach	BHP Gas Express Station 43 Ewa Repair Shop	Low	Assessment	Hazard Undetermined	Ongoing	State
155	Oahu	Ewa Beach	East Kapolei Pesticide Mixing/Loading Site	NFA	Response	Hazard Undetermined Hazard Managed With Engineering Controls	NFA	State
156	Oahu	Ewa Beach	Palailai Landfill	High	Response	Hazard Undetermined Hazard Managed With Engineering Controls	Ongoing	State
157	Oahu	Fort Shafter	Army MFH FS Funston Village	Medium	Response	Hazard Undetermined Hazard Managed With Engineering Controls	Ongoing	State
158	Oahu	Fort Shafter	Army MFH FS Hauoli Heights North	Medium	Response	Hazard Undetermined Hazard Managed With Engineering Controls	Ongoing	State

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HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015								
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
159	Oahu	Fort Shafter	Army MFH FS Hauoli Heights South	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
160	Oahu	Fort Shafter	Army MFH FS Palm Circle	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
161	Oahu	Fort Shafter	Army MFH FS Radar Hill	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
162	Oahu	Fort Shafter	Army MFH FS Rice Manor	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
163	Oahu	Fort Shafter	Army MFH FS Simpson-Wisser Community Center	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
164	Oahu	Fort Shafter	Army MFH FS Simpson-Wisser Neighborhood	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
165	Oahu	Haleiwa	Haleiwa Chevron Service Station	Medium	Response	Hazard Undetermined	Ongoing	State
166	Oahu	Haleiwa	Haleiwa Service #0913 (Three Corner Service)	Low	Response	Hazard Undetermined	Ongoing	State
167	Oahu	Haleiwa	Twin Bridge Road Drum Dumping-Haleiwa	Low	Response	Hazard Present	Ongoing	State
168	Oahu	Helemano MR	Army MFH HMR Kalapana	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
169	Oahu	Helemano MR	Army MFH HMR Kekona	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
170	Oahu	Helemano MR	Army MFH HMR Kuapale	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
171	Oahu	Hickam AFB	Air Force MFH HAFB CGO-FGO Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
172	Oahu	Hickam AFB	Air Force MFH HAFB Challenger Loop Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
173	Oahu	Hickam AFB	Air Force MFH HAFB Earhart I-1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
174	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
175	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Village Park II-1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
176	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Village Park II-4	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
177	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 01	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
178	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 02	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
179	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 03	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
180	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 04	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
181	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 05	High	Response	Hazard Managed With Engineering Controls	Ongoing	State

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<b>HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015</b>								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazards And Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
182	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 06	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
183	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 07	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
184	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 08	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
185	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 08 South	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
186	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 09	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
187	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 10	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
188	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 11	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
189	Oahu	Hickam AFB	Air Force MFH HAFB GO-SO Historic Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
190	Oahu	Hickam AFB	Air Force MFH HAFB Hale Na Koa Minor Renovations	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
191	Oahu	Hickam AFB	Air Force MFH HAFB Hickam Field NCO Area	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
192	Oahu	Hickam AFB	Air Force MFH HAFB Hickam Field Officer Area	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
193	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 01	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
194	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 02	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
195	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 03	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
196	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 04	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
197	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 05	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
198	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 06	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
199	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 07	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
200	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 08	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
201	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 09	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
202	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 10	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
203	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-2	High	Response	Hazard Managed With Engineering Controls	Ongoing	State

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HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015								
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
204	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-3	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
205	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 1	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
206	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 2	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
207	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 3	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
208	Oahu	Hickam AFB	Air Force MFH HAFB SO Minor Renovation	High	Response	Engineering Controls	Ongoing	State
209	Oahu	Hickam AFB	Hickam AFB HIANG F22 Parking Apron	Low	Response	Hazard Present	Ongoing	State
210	Oahu	Hilo	Yamada and Sons Quarry	NFA	Response	No Hazard	NFA	State
211	Oahu	Honolulu	1385 Colburn Street	Low	Assessment	Hazard Undetermined	Ongoing	State
212	Oahu	Honolulu	158 Sand Island Access Rd	Medium	Response	Hazard Present	Ongoing	State
213	Oahu	Honolulu	180 Sand Island Access Rd	Medium	Response	Hazard Present	Ongoing	State
214	Oahu	Honolulu	1800 Vancouver Drive	Medium	Assessment	Hazard Undetermined	Ongoing	State
215	Oahu	Honolulu	2051-2057 Kalakaua Avenue	Low	Assessment	Hazard Undetermined	Ongoing	State
216	Oahu	Honolulu	2135 Auiki St	Medium	Response	Hazard Present	Ongoing	State
217	Oahu	Honolulu	218 Mohonua Place	Medium	Response	Hazard Present	Ongoing	State
218	Oahu	Honolulu	2250 Pahounui Drive	Medium	Assessment	Hazard Present	Ongoing	State
219	Oahu	Honolulu	373 North Nimitz Highway	Medium	Response	Hazard Present	Ongoing	State
220	Oahu	Honolulu	420-470 North Nimitz Highway	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
221	Oahu	Honolulu	580 North Nimitz Highway	Low	Response	Hazard Managed With Engineering Controls	Inactive	State
222	Oahu	Honolulu	595 Ala Moana Black Oil Pipeline	Low	Assessment	Hazard Present	Ongoing	State
223	Oahu	Honolulu	604 Ala Moana Boulevard	Low	Assessment	Hazard Undetermined	Ongoing	State
224	Oahu	Honolulu	700 N Nimitz IDPP Release	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
225	Oahu	Honolulu	755 N Nimitz Hwy	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
226	Oahu	Honolulu	775 North Nimitz Highway	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
227	Oahu	Honolulu	801 South Hotel Street	Medium	Assessment	Hazard Undetermined	Ongoing	State
228	Oahu	Honolulu	836 Kawaiahao Street	Low	Response	Hazard Undetermined	Ongoing	State
229	Oahu	Honolulu	Al Phillips Facility	Medium	Assessment	Hazard Undetermined	Ongoing	State

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HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015								
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
230	Oahu	Honolulu	Ala Moana WWPS Force Main #3 and #4	Medium	Response	Hazard Present	Ongoing	State
231	Oahu	Honolulu	Alii #3282	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
232	Oahu	Honolulu	Allstate Industrial & Marine Cleaning, Inc.	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
233	Oahu	Honolulu	Aloha Tower Development	Low	Assessment	Hazard Present	Ongoing	State
234	Oahu	Honolulu	Ameron Hawaii Sand Island Facility	Medium	Response	Hazard Undetermined	Ongoing	State
235	Oahu	Honolulu	ARCO AM/PM #82102 (Texaco 61-100-0043)	Low	Response	Hazard Present	Ongoing	State
236	Oahu	Honolulu	Army MFH AMR Bougainville	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
237	Oahu	Honolulu	Army MFH AMR Hibiscus	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
238	Oahu	Honolulu	Army MFH AMR Makai View	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
239	Oahu	Honolulu	Army MFH AMR Plumeria	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
240	Oahu	Honolulu	Army MFH AMR Rim Loop	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
241	Oahu	Honolulu	Army MFH AMR Skyview	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
242	Oahu	Honolulu	Army MFH AMR Valley View	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
243	Oahu	Honolulu	Awa Wastewater Pump Station	Low	Assessment	Hazard Undetermined	Ongoing	State
244	Oahu	Honolulu	BHP Gasco Benzene Site	High	Response	Hazard Managed With Institutional Controls	Ongoing	State
245	Oahu	Honolulu	Brewer Environmental Industries-Pacific Street	High	Assessment	Hazard Present	Ongoing	VRP
246	Oahu	Honolulu	Chevron Honolulu Terminal Marine	Medium	Response	Hazard Present	Ongoing	State
247	Oahu	Honolulu	Chevron Honolulu Transportation Terminal	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
248	Oahu	Honolulu	Chevron Kapalama Northeast Parcel	Medium	Response	Hazard Present	Ongoing	State
249	Oahu	Honolulu	Chevron Kapalama Northwest Parcel	Low	Response	Hazard Present	Ongoing	State
250	Oahu	Honolulu	Chevron Kapalama Terminal	Medium	Response	Hazard Present	Ongoing	State
251	Oahu	Honolulu	Chevron Pier 35 Pipeline Release	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
252	Oahu	Honolulu	Chevron Tanker Truck Loading Rack (TTLR)	High	Assessment	Hazard Undetermined	Ongoing	State
253	Oahu	Honolulu	Citizens Energy Services Pier 38	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
254	Oahu	Honolulu	Classic Bowl	Medium	Assessment	Hazard Present	Ongoing	State

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HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015								
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
255	Oahu	Honolulu	Coast Guard MFH Red Hill Makai	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
256	Oahu	Honolulu	Coast Guard MFH Red Hill Mauka	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
257	Oahu	Honolulu	DLNR Buried Drum Site	Low	Assessment	Institutional Controls	Inactive	State
258	Oahu	Honolulu	Dole Iwilei	Medium	Assessment	Hazard Managed With Institutional Controls	Ongoing	State
259	Oahu	Honolulu	Domestic Commercial Fishing Village	Low	Response	Engineering Controls	Ongoing	State
260	Oahu	Honolulu	Equilon Enterprises LLC Honolulu Terminal	Low	Response	Hazard Present	Ongoing	State
261	Oahu	Honolulu	Former Kapalama Military Reservation Piers 39 and 40 Pipelines	Medium	Assessment	Hazard Undetermined	Ongoing	State
262	Oahu	Honolulu	Former Lee's Garage	NFA	Assessment	Hazard Managed With Institutional Controls	NFA	State
263	Oahu	Honolulu	Hale Pua Nui UST Removal	Low	Response	Hazard Undetermined	Ongoing	State
264	Oahu	Honolulu	Hart Street WWPS	Low	Response	Hazard Present	Ongoing	State
265	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Airport	Low	Assessment	Hazard Present	Ongoing	State
266	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Access Road	Low	Assessment	Hazard Undetermined	Inactive	State
267	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Oil/Water Drain Line Release	Low	Response	Hazard Present	Ongoing	State
268	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Slurry Wall Trenching Activity	Medium	Response	Hazard Present	Ongoing	State
269	Oahu	Honolulu	Hawaii Grain Corporation	Low	Assessment	Hazard Undetermined	Ongoing	State
270	Oahu	Honolulu	Hawaii Instrumentation & Controls, Inc	Medium	Response	Hazard Managed With Engineering Controls	Inactive	State
271	Oahu	Honolulu	Hawaii Metal Recycling Company Pier 35	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
272	Oahu	Honolulu	Hawaii Stevedores	Low	Response	Hazard Present	Ongoing	State
273	Oahu	Honolulu	Hawaii Transfer Company, Ltd Pier 36	Low	Response	Hazard Present	Ongoing	State
274	Oahu	Honolulu	Hawaiian Electric Company (HECO) - Iwilei Tank Yard	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
275	Oahu	Honolulu	Hawaiian Electric Company (HECO)-Honolulu Generating Station	Low	Assessment	Hazard Undetermined	Inactive	State Response Program
276	Oahu	Honolulu	Hawaiian Flour Mill	Medium	Response	Hazard Present	Ongoing	State
277	Oahu	Honolulu	Hawaiian Fluid Power Company	Low	Response	Hazard Present	Ongoing	State
278	Oahu	Honolulu	Hawaiian Tug & Barge Corporation	Low	Assessment	Hazard Undetermined	Inactive	State

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HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015								
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
279	Oahu	Honolulu	HECO Fuel Oil Pipeline Route State Energy Corridor	Low	Assessment	Hazard Undetermined	Ongoing	State
280	Oahu	Honolulu	HECO Substation: Pukele Substation	Low	Assessment	Hazard Undetermined	Ongoing	State
281	Oahu	Honolulu	Honolulu Harbor Iwilei District Operating Parties	Medium	Assessment	Hazard Present	Inactive	State
282	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU1A	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
283	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU1C	Low	Assessment	Hazard Undetermined	Ongoing	State
284	Oahu	Honolulu	Honolulu International Airport	Medium	Assessment	Hazard Undetermined	Inactive	State
285	Oahu	Honolulu	Honolulu Marine Sand Island	Low	Assessment	Hazard Undetermined	Ongoing	State
286	Oahu	Honolulu	Honolulu Marine Small Boat Shipyard at Keehi Lagoon	Low	Assessment	Hazard Undetermined Hazard Managed With Engineering Controls	Ongoing	State
287	Oahu	Honolulu	Honolulu Seawater Air Conditioning Project	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
288	Oahu	Honolulu	Honolulu Shipyard, Inc	Low	Response	Hazard Undetermined	Inactive	State
289	Oahu	Honolulu	Interisland Maintenance Facility Site Elliot Street	Low	Response	Hazard Undetermined	Ongoing	State
290	Oahu	Honolulu	Island Movers, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
291	Oahu	Honolulu	Iwilei Fruits and Produce	Low	Response	Hazard Undetermined	Ongoing	State
292	Oahu	Honolulu	Iwilei Project Site (Iwilei Brownfields)	Low	Response	Hazard Present	Inactive	State
293	Oahu	Honolulu	K&Y Auto Service and Wayne's Auto Electric	Low	Assessment	Hazard Present	Ongoing	State
294	Oahu	Honolulu	Kahala Hotel and Resort diesel release	Low	Response	Hazard Undetermined Hazard Managed With Engineering Controls	Ongoing	State
295	Oahu	Honolulu	Kakaako Block B	NFA	Response	Hazard Managed With Engineering Controls	NFA	Brownfields
296	Oahu	Honolulu	Kakaako Brownfield Project	High	Response	Hazard Managed With Institutional Controls	Ongoing	State
297	Oahu	Honolulu	Kakaako Brownfield Project - Unit 1	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
298	Oahu	Honolulu	Kakaako Brownfield Project - Unit 10	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
299	Oahu	Honolulu	Kakaako Brownfield Project - Unit 2	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
300	Oahu	Honolulu	Kakaako Brownfield Project - Unit 3	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
301	Oahu	Honolulu	Kakaako Brownfield Project - Unit 4	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
302	Oahu	Honolulu	Kakaako Brownfield Project - Unit 5	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
303	Oahu	Honolulu	Kakaako Brownfield Project - Unit 6	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site

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<b>HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015</b>								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazards And Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
304	Oahu	Honolulu	Kakaako Brownfield Project - Unit 7	Low	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
305	Oahu	Honolulu	Kakaako Brownfield Project - Unit 8	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
306	Oahu	Honolulu	Kakaako Brownfield Project - Unit 9	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	Brownfields Site
307	Oahu	Honolulu	Kakaako Makai District John Dominis	Medium	Response	Hazard Managed With Institutional Controls	Ongoing	State
308	Oahu	Honolulu	Kakaako Makai District Parking Garage-Unit 1and 3	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
309	Oahu	Honolulu	Kakaako Makai District Units 2 and 4	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
310	Oahu	Honolulu	Kakaako Makai District Units 6 and 7	High	Response	Hazard Present	Ongoing	Brownfields
311	Oahu	Honolulu	Kakaako Pump Station	Low	Response	Hazard Present	Ongoing	State
312	Oahu	Honolulu	Kamehameha Schools - 1336 Dillingham Boulevard	Medium	Response	Hazard Present Hazard Managed With Institutional Controls	Ongoing	State
313	Oahu	Honolulu	Kapalama Incinerator Off-Site Contamination	Medium	Response	Institutional Controls	Ongoing	State
314	Oahu	Honolulu	Keeaumoku Superblock Project	Low	Assessment	Hazard Undetermined	Inactive	State
315	Oahu	Honolulu	Kokua Kalihi Valley Active Living Center	Low	Response	Hazard Undetermined	Inactive	Brownfields
316	Oahu	Honolulu	Kuakini Medical Center	Low	Response	Hazard Undetermined	Ongoing	State
317	Oahu	Honolulu	Kuhio Park Terrace Units D1 and D2	Medium	Response	Hazard Present	Ongoing	Brownfields
318	Oahu	Honolulu	Lockheed Air Terminal, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
319	Oahu	Honolulu	McCabe, Hamilton, & Renny Company, Ltd	Low	Response	Hazard Undetermined	Inactive	State
320	Oahu	Honolulu	McKinley High School Synthetic Track and Field Miramar Hotel International Market Place	High	Response	Hazard Undetermined	Ongoing	State
321	Oahu	Honolulu	Redevelopment Miyazaki Honolulu Airport Service Station (Airways Service Station Inc)	High	Response	Hazard Present	Ongoing	Fast Track
322	Oahu	Honolulu		Low	Assessment	Hazard Undetermined	Inactive	State
323	Oahu	Honolulu	Moanalua Medical Center and Clinic	Medium	Response	Hazard Present Hazard Managed With Engineering Controls	Ongoing	State
324	Oahu	Honolulu	Navy MFH Camp Stover	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
325	Oahu	Honolulu	Navy MFH Catlin Park	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
326	Oahu	Honolulu	Navy MFH Doris Miller Park	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
327	Oahu	Honolulu	Navy MFH Hale Alii	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

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HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015								
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
328	Oahu	Honolulu	Navy MFH Hale Moku	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
329	Oahu	Honolulu	Navy MFH Halsey Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
330	Oahu	Honolulu	Navy MFH Hokulani	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
331	Oahu	Honolulu	Navy MFH Hospital Point	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
332	Oahu	Honolulu	Navy MFH Little Makalapa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
333	Oahu	Honolulu	Navy MFH Makalapa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
334	Oahu	Honolulu	Navy MFH Maloelap	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
335	Oahu	Honolulu	Navy MFH Marine Barracks	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
336	Oahu	Honolulu	Navy MFH Moanalua Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
337	Oahu	Honolulu	Navy MFH Radford Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
338	Oahu	Honolulu	Navy MFH Red Hill Terrace	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
339	Oahu	Honolulu	Nimitz Highway Water Improvement Project Sumner to Queen	Low	Response	Hazard Present	Ongoing	State
340	Oahu	Honolulu	Nuuanu Auto Company LTD	Low	Assessment	Hazard Undetermined	Ongoing	State
341	Oahu	Honolulu	Parking Lot C and J Transformer Replacement	Low	Response	Hazard Undetermined	Ongoing	State
342	Oahu	Honolulu	PHT, Inc. dba Polynesian Hospitality	Low	Response	Hazard Undetermined	Inactive	State
343	Oahu	Honolulu	Pier 12 and Pier 15 Improvements	Medium	Assessment	Hazard Undetermined	Ongoing	State
344	Oahu	Honolulu	Pier 19 Honolulu Harbor	Medium	Assessment	Hazard Undetermined	Inactive	State
345	Oahu	Honolulu	Pukoloa Wood Treating Site	Medium	Response	Hazard Present	Ongoing	State
346	Oahu	Honolulu	Sause Brothers	Low	Response	Hazard Present	Ongoing	State
347	Oahu	Honolulu	Sears Ala Moana	NFA	Response	No Hazard	NFA	State
348	Oahu	Honolulu	Servco Pacific, Inc- Kalihi	Low	Assessment	Hazard Undetermined	Inactive	State
349	Oahu	Honolulu	Shidler College of Business Site Improvements	Low	Assessment	Hazard Undetermined	Inactive	State
350	Oahu	Honolulu	Symphony Park	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
351	Oahu	Honolulu	Tesoro Hawaii Corporation, Terminal Department-Sand Island	Medium	Response	Hazard Present	Ongoing	State

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015									
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program		
352	Oahu	Honolulu		The Honolulu Advertiser (Hawaii Newspaper Agency) Parcel 003	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
353	Oahu	Honolulu		Theo Davies Caterpillar Repair Site	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
354	Oahu	Honolulu		Tosco Honolulu Bulk Distribution Terminal	NFA	Response	Hazard Managed With Engineering Controls	NFA	VRP
355	Oahu	Honolulu		Towco - Sand Island	Low	Assessment	Hazard Undetermined Hazard Managed With Engineering Controls	Inactive	State
356	Oahu	Honolulu		USPS Vehicle Maintenance Facility	NFA	Response	Hazard Undetermined	NFA	State
357	Oahu	Honolulu		Waikiki Sand Villa II	Low	Assessment	Hazard Undetermined	Inactive	State
358	Oahu	Honolulu		Walgreens Keeamoku	High	Response	No Hazard	NFA	Fast Track
359	Oahu	Honolulu		Wallys Garden Center	Low	Assessment	Hazard Present	Inactive	State
360	Oahu	Honolulu		Weyerhaeuser	Low	Response	Hazard Present	Inactive	State
361	Oahu	Honolulu		Yee Hop Building Maunakea Street	Low	Response	Hazard Present	Ongoing	State
362	Oahu	Honolulu		Yee Hop Property	Low	Assessment	Hazard Undetermined	Ongoing	State
363	Oahu	Honolulu		Young Brothers, Ltd Piers 24-28	Medium	Response	Hazard Present	Ongoing	State
364	Oahu	Honolulu		Young Brothers, Ltd. Piers 39, 40	Low	Assessment	Hazard Undetermined Hazard Managed With Engineering Controls	Inactive	State
365	Oahu	Honolulu		Zippy's 634 N Nimitz Highway	High	Response	Hazard Undetermined	Ongoing	State
366	Oahu	Kahuku		Marconi Road - Contaminated Property C&C Facility Maintenance Kapaa Quarry Rd. Baseyard	Low	Assessment	Hazard Present	Ongoing	Site Discovery
367	Oahu	Kailua		Countryside Apartments	Medium	Response	Hazard Present	Ongoing	State
368	Oahu	Kailua		Hawaii Youth Correctional Facility	High	Response	Hazard Present	Ongoing	Fast Track
369	Oahu	Kailua		Honolulu Skeet Club	Low	Assessment	Hazard Present Hazard Managed With Institutional Controls	Ongoing	State
370	Oahu	Kailua		Kapaa Landfill - Kapaa Quarry Road	Medium	Response	Hazard Undetermined	Ongoing	State
371	Oahu	Kailua		Malunui Avenue Oil Contamination	Medium	Response	Hazard Undetermined	Inactive	State
372	Oahu	Kailua		Hualalai Resort	Low	Assessment	Hazard Undetermined	Inactive	State
373	Oahu	Kailua-Kona		Caesar's Cleaners	NFA	Response	No Hazard Hazard Managed With Engineering Controls	NFA	State
374	Oahu	Kaneohe		Koolau Chevron	Medium	Response	Hazard Undetermined	Inactive	State
375	Oahu	Kaneohe		Marines MFH MCBH Hawaii Loa	Low	Response	Hazard Undetermined Hazard Managed With Engineering Controls	Ongoing	State
376	Oahu	Kaneohe MCBH		Marines MFH MCBH Heleloa	Medium	Response	Hazard Undetermined Hazard Managed With Engineering Controls	Ongoing	State
377	Oahu	Kaneohe MCBH			Medium	Response		Ongoing	State

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HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015								
Island	Locality Name	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
378	Oahu	Kaneohe MCBH	Marines MFH MCBH Kaluapuni	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
379	Oahu	Kaneohe MCBH	Marines MFH MCBH Kaneohe ADMIN FILE	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
380	Oahu	Kaneohe MCBH	Marines MFH MCBH Kapoho	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
381	Oahu	Kaneohe MCBH	Marines MFH MCBH Mololani	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
382	Oahu	Kaneohe MCBH	Marines MFH MCBH Nani Ulupau	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
383	Oahu	Kaneohe MCBH	Marines MFH MCBH Pa Honua III	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
384	Oahu	Kaneohe MCBH	Marines MFH MCBH Ulupau	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
385	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu Manning	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
386	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu NCO Row	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
387	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu Rainbow	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
388	Oahu	Kapolei	AES Hawaii	NFA	Response	Engineering Controls	NFA	State
389	Oahu	Kapolei	Barge Harbor Soil Contamination	Medium	Assessment	Hazard Undetermined	Inactive	State
390	Oahu	Kapolei	Chevron USA Products Co., Hawaii Refinery Tank Sludge	Medium	Assessment	Hazard Undetermined	Inactive	State
391	Oahu	Kapolei	Chevron USA Products Co., Hawaii Refinery, Marine Line Release	Low	Response	Hazard Present Hazard Managed With Engineering Controls	Inactive	State
392	Oahu	Kapolei	Con-Fab Hawaii Corporation	Low	Response	Engineering Controls	Ongoing	State
393	Oahu	Kapolei	CoVan Warehouse	Low	Response	Hazard Present	Inactive	State
394	Oahu	Kapolei	Ewa Feedlot Property	Medium	Response	Hazard Present Hazard Managed With Engineering Controls	Inactive	Brownfields
395	Oahu	Kapolei	FORT	NFA	Response	Engineering Controls	NFA	Fast Track
396	Oahu	Kapolei	Hanua Street Fugitive Oil	Low	Assessment	Hazard Undetermined Hazard Managed With Engineering Controls	Inactive	State
397	Oahu	Kapolei	Hawaii Army National Guard at Kalaeloa Airport abandon pipeline incident	NFA	Response	Institutional Controls Hazard Managed With Engineering Controls	NFA	State
398	Oahu	Kapolei	Honolulu Wood Treating Company, Ltd	Medium	Response	Engineering Controls	Ongoing	VRP
399	Oahu	Kapolei	Kalaeloa Cogeneration Plant	Low	Assessment	Hazard Undetermined	Inactive	State
400	Oahu	Kapolei	Malakole Street Trash Site	Low	Response	Hazard Undetermined	Ongoing	State

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<b>HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015</b>								
<b>Island</b>	<b>Locality Name</b>	<b>Site Name</b>	<b>Priority</b>	<b>Action</b>	<b>Potential Hazards And Controls</b>	<b>Site Status</b>	<b>Cleanup Program</b>	
401	Oahu	Kapolei	Single Buoy Mooring	Low	Assessment	Hazard Undetermined	Ongoing	State
402	Oahu	Kapolei	Tileco, Inc	Medium	Response	Hazard Undetermined	Ongoing	State
403	Oahu	Kunia	Central Oahu Wells	Low	Assessment	Hazard Undetermined	Ongoing	State
404	Oahu	Kunia	Del Monte Corporation Oahu Plantation	Low	Response	Hazard Managed With Engineering Controls	Ongoing	State
405	Oahu	Kunia	Ewa Sugar Mill/Oahu Sugar Co. - Kunia Staging Area	Medium	Response	Hazard Present	Ongoing	State
406	Oahu	Kunia	Kunia Wells I	Low	Assessment	Hazard Undetermined	Ongoing	State
407	Oahu	Kunia	Kunia Wells II	Low	Assessment	Hazard Undetermined	Ongoing	State
408	Oahu	Maili	84-Acre Portion of the Former Voice of America Site	Low	Assessment	Hazard Undetermined	Ongoing	State
409	Oahu	Makakilo	Grace Pacific Corporation - Makakilo Quarry	Low	Assessment	Hazard Undetermined	Ongoing	VRP
410	Oahu	Mililani	Mililani Wells I	Low	Assessment	Hazard Undetermined	Ongoing	State
411	Oahu	Pearl City	406 Kamehameha Highway	Medium	Assessment	Hazard Undetermined	Ongoing	State
412	Oahu	Pearl City	Hawaii Army National Guard Waiawa Gulch	Low	Response	Hazard Present	Ongoing	State
413	Oahu	Pearl City	HECO Generating Station: Waiawa	Medium	Response	Hazard Undetermined	Inactive	State
414	Oahu	Pearl City	HECO Waiawa Generating Station Tank 4	Low	Response	Hazard Present	Ongoing	State
415	Oahu	Pearl City	Marines MFH Manana	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
416	Oahu	Pearl City	Navy MFH Manana	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
417	Oahu	Pearl City	Navy MFH Pearl City Peninsula	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
418	Oahu	Pearl City	Pearl City Urban Garden Center	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
419	Oahu	Pearl City	Waiawa Shaft	Low	Assessment	Hazard Undetermined	Ongoing	State
420	Oahu	Pearl City	Waimano Home Campus	Low	Assessment	Hazard Managed With Engineering Controls	Inactive	Brownfields Site
421	Oahu	Pearl Harbor	Pearl Harbor Naval Complex	Medium	Response	Hazard Undetermined	Ongoing	NPL
422	Oahu	Pearl Harbor	Pearl Harbor Sediment Study DU E-2	Low	Assessment	Hazard Undetermined	Ongoing	State
423	Oahu	Schofield Barracks	Army MFH SB Akolea	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
424	Oahu	Schofield Barracks	Army MFH SB Aloala	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
425	Oahu	Schofield Barracks	Army MFH SB Canby	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
426	Oahu	Schofield Barracks	Army MFH SB Generals Loop	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State

**HSRP LIST OF PRIORITY SITES FY2015**

<b>HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015</b>								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazards And Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
427	Oahu	Schofield Barracks	Army MFH SB Hamilton	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
428	Oahu	Schofield Barracks	Army MFH SB Kaena	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
429	Oahu	Schofield Barracks	Army MFH SB Leader Field	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
430	Oahu	Schofield Barracks	Army MFH SB Mendonca Park	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
431	Oahu	Schofield Barracks	Army MFH SB Moyer	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
432	Oahu	Schofield Barracks	Army MFH SB Patriot	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
433	Oahu	Schofield Barracks	Army MFH SB Porter	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
434	Oahu	Schofield Barracks	Army MFH SB Ralston	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
435	Oahu	Schofield Barracks	Army MFH SB Santa Fe	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
436	Oahu	Schofield Barracks	Army MFH SB Solomon	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
437	Oahu	Tripler AMC	Army MFH TAMC Rainbow Village	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
438	Oahu	Wahiawa	Navy MFH NCTAMS PAC Wahiawa	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
439	Oahu	Wahiawa	NCTAMSPAC Center Street	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	NPL
440	Oahu	Wahiawa	Whitmore Village	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
441	Oahu	Waialua	Dillingham Ranch	Low	Assessment	Hazard Undetermined	Ongoing	State
442	Oahu	Waialua	Waialua Sugar Mill Settling Ponds	Medium	Assessment	Hazard Managed With Engineering Controls	Ongoing	VRP
443	Oahu	Waialua	Waialua Sugar Mill VRP Site	High	Response	Hazard Present	Ongoing	VRP
444	Oahu	Waianae	Industrial Technology Tire Pile	Medium	Assessment	Hazard Undetermined	Ongoing	State
445	Oahu	Waianae	Waianae Elementary School diesel UST	Low	Assessment	Hazard Present	Ongoing	State
446	Oahu	Waimanalo	Air Force MFH Bellows Renovation	High	Response	Hazard Managed With Engineering Controls	Ongoing	State
447	Oahu	Waimanalo	University of Hawaii, Waimanalo Experimental Farm	Low	Assessment	Hazard Undetermined	Inactive	State
448	Oahu	Waimanalo	Waimanalo Areawide Groundwater Contamination	Low	Assessment	Hazard Present	Inactive	State
449	Oahu	Waipahu	94-250 Mokuola St	Low	Assessment	Hazard Undetermined	Ongoing	State

HSRP LIST OF PRIORITY SITES FY2015

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2015								
<u>Island</u>	<u>Locality Name</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazards And Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
450	Oahu	Waipahu	Firestone Tire and Service Center	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
451	Oahu	Waipahu	Navy MFH Ford Island	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
452	Oahu	Waipahu	Tony Group Body Shop/Pfleuger Subaru petroleum contamination discovery	NFA	Response	Hazard Managed With Engineering Controls	NFA	State
453	Oahu	Waipahu	Waipio Heights Wells II	Low	Assessment	Hazard Undetermined	Ongoing	State
454	Oahu	Waipio	Ewa Sugar Mill/Oahu Sugar Co. - Waipio Peninsula	High	Assessment	Hazard Managed With Engineering Controls	Ongoing	State
455	Oahu	Wheeler AAF	Army MFH WAAF Kunia	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
456	Oahu	Wheeler AAF	Army MFH WAAF Puali North	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
457	Oahu	Wheeler AAF	Army MFH WAAF Puali South	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
458	Oahu	Wheeler AAF	Army MFH WAAF Wiliwili	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
459	Oahu		Army MFH Army Hawaii Family Housing ADMIN FILE	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	State
460	Oahu		Navy MFH Ohana Military Communities ADMIN FILE	Medium	Response	Hazard Present	Ongoing	State

**HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015**

	<b>Island</b>	<b>Installation</b>	<b>Site Name</b>	<b>Priority</b>	<b>Action</b>	<b>Potential Hazards And Controls</b>	<b>Site Status</b>	<b>Cleanup Program</b>
1	Hawaii	Army, Corps of Engineers	FUDS Army Impact Range	High	Assessment	Hazard Present	Ongoing	FUDS
2	Hawaii	Army, Corps of Engineers	FUDS Firing Range and Camp, Lalamilo, Hawaii	High	Response	Hazard Present	Ongoing	FUDS
3	Hawaii	Army, Corps of Engineers	FUDS Ka'u Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
4	Hawaii	Army, Corps of Engineers	FUDS Keaau Bombing Target	Medium	Assessment	Hazard Present	Ongoing	FUDS
5	Hawaii	Army, Corps of Engineers	FUDS Mahukona Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
6	Hawaii	Army, Corps of Engineers	FUDS Nansay Hawaii	Low	Assessment	Hazard Present	Ongoing	FUDS
7	Hawaii	Army, Corps of Engineers	FUDS Pakini Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
8	Hawaii	Army, Corps of Engineers	FUDS Popoki Target Area	High	Response	Hazard Present	Ongoing	FUDS
9	Hawaii	Army, Corps of Engineers	FUDS Wahine Maka Nui Target	Medium	Assessment	Hazard Present	Ongoing	FUDS
10	Hawaii	Army, Corps of Engineers	FUDS Waikoloa Maneuver Area	Low	Response	Hazard Present	Ongoing	FUDS
11	Hawaii	Army, Kilauea Military Camp	Kilauea Military Camp	Low	Assessment	Hazard Undetermined	Inactive	IRP
12	Hawaii	Army, Kilauea Military Camp	Kilauea Military Camp, POL Area, Former Lab, & Former Landfill	Low	Assessment	Hazard Undetermined	Ongoing	IRP
13	Hawaii	Army, Kilauea Military Camp	Kilauea Military Reservation Kau Desert Impact Training Area	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
14	Hawaii	Army, Kilauea Military Camp	Kilauea Military Reservation MMRP	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
15	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area MMRP	Medium	Assessment	Hazard Present	Ongoing	MMRP
16	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area, Pu'u Pa'a Pohakuloa Training Area, Vehicle Refueling Area	High	Assessment	Hazard Undetermined	Ongoing	MMRP
17	Hawaii	Army, Pohakuloa Training Area		Low	Assessment	Hazard Undetermined	Inactive	IRP
18	Johnston Atoll	Army, Johnston Atoll	Johnston Atoll, Pacific Ocean	Low	Assessment	Hazard Undetermined	Ongoing	Army
19	Kahoolawe	Navy, Marine Corps	Kahoolawe Island	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
20	Kauai	Air Force, Kokee Air Force Station	Kokee AFS EA01	Low	Assessment	Hazard Undetermined	Ongoing	IRP
21	Kauai	Air Force, Kokee Air Force Station	Kokee AFS SS01	Low	Assessment	Hazard Undetermined	Ongoing	IRP
22	Kauai	Air Force, Kokee Air Force Station	Kokee AFS SS02	Low	Assessment	Hazard Undetermined	Ongoing	IRP
23	Kauai	Army, Corps of Engineers	FUDS Ahukini	Medium	Assessment	Hazard Present	Ongoing	FUDS
24	Kauai	Army, Corps of Engineers	FUDS Grove Farm Artillery Range, Kauai	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	FUDS
25	Kauai	Army, Corps of Engineers	FUDS Waimea Training Site	Medium	Assessment	Hazard Present	Ongoing	FUDS

<b>HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015</b>								
<b>Island</b>	<b>Installation</b>	<b>Site Name</b>	<b>Priority</b>	<b>Action</b>	<b>Potential Hazards And Controls</b>	<b>Site Status</b>	<b>Cleanup Program</b>	
26	Kauai	Navy, Pacific Missile Range Facility	Pacific Missile Range Facility	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
27	Kauai	Navy, Pacific Missile Range Facility	PMRF, Battery Acid Disposal Pit	Low	Assessment	Hazard Undetermined	Ongoing	IRP
28	Kauai	Navy, Pacific Missile Range Facility	PMRF, Crash Crew Firefighting Pit 1	Low	Assessment	Hazard Undetermined	Inactive	IRP
29	Kauai	Navy, Pacific Missile Range Facility	PMRF, Firefighting Pit No. 2	Low	Assessment	Hazard Undetermined	Inactive	IRP
30	Kauai	Navy, Pacific Missile Range Facility	PMRF, Landfills 5, 6, & 7	Medium	Response	Hazard Undetermined	Ongoing	IRP
31	Kauai	Navy, Pacific Missile Range Facility	PMRF, Sandblast Grit Area Site 6	Low	Response	No Hazard	Ongoing	IRP
32	Kauai	Navy, Pacific Missile Range Facility	PMRF, Torpedo Postrun Facility Drain	Low	Assessment	Hazard Undetermined	Inactive	IRP
33	Kauai	Navy, Pacific Missile Range Facility	PMRF, Transformer Substation System	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
34	Lanai	Army, Corps of Engineers	FUDS Lanai Bombing Targets	Medium	Assessment	Hazard Present	Ongoing	FUDS
35	Lanai	Army, Corps of Engineers	FUDS Lanai Radar Station	Low	Response	Hazard Present	Ongoing	FUDS
36	Maui	Army, Corps of Engineers	FUDS Gunnery Site, Makawao	Medium	Response	Hazard Present	Ongoing	FUDS
37	Maui	Army, Corps of Engineers	FUDS Kane Puu Naval Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
38	Maui	Army, Corps of Engineers	FUDS Maui Bombing Targets	Medium	Assessment	Hazard Present	Ongoing	FUDS
39	Maui	Army, Corps of Engineers	FUDS Opana Point	Medium	Assessment	Hazard Present	Ongoing	FUDS
40	Molokai	Army, Corps of Engineers	FUDS Ilio Point	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
41	Molokai	Army, Corps of Engineers	FUDS Ilio Point Annex	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
42	Molokai	Army, Corps of Engineers	FUDS Makanalua Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
43	Molokai	Army, Corps of Engineers	FUDS Mokuhooniki Island	Medium	Assessment	Hazard Present	Ongoing	FUDS
44	Molokai	Army, Corps of Engineers	FUDS Molokai Bombing Targets - Punakua	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
45	Molokai	Army, Corps of Engineers	FUDS Moomomi Military Reservation	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
46	Molokai	Army, Corps of Engineers	FUDS Unexploded Ordnance Removal, Molokini Island	Medium	Response	Hazard Present	Ongoing	FUDS
47	Oahu	Air Force, Bellows Air Force Station	Bellows AFB SS05	Low	Assessment	Hazard Undetermined	Ongoing	IRP
48	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC10	Low	Assessment	Hazard Undetermined	Ongoing	IRP
49	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC18	Low	Assessment	Hazard Undetermined	Ongoing	IRP
50	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC20	Low	Assessment	Hazard Undetermined	Ongoing	IRP
51	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC21	Low	Assessment	Hazard Undetermined	Ongoing	IRP
52	Oahu	Air Force, Bellows Air Force Station	Bellows AFS DP06	Low	Assessment	Hazard Undetermined	Ongoing	IRP

**HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015**

<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazards And Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>
53	Oahu	Air Force, Bellows Air Force Station	Bellows AFS DP17	Low	Assessment	Hazard Undetermined	Ongoing IRP
54	Oahu	Air Force, Bellows Air Force Station	Bellows AFS EA03	Low	Assessment	Hazard Undetermined	Ongoing IRP
55	Oahu	Air Force, Bellows Air Force Station	Bellows AFS EA04	Low	Assessment	Hazard Undetermined	Ongoing IRP
56	Oahu	Air Force, Bellows Air Force Station	Bellows AFS EA05	Low	Assessment	Hazard Undetermined	Ongoing IRP
57	Oahu	Air Force, Bellows Air Force Station	Bellows AFS EA09	Low	Assessment	Hazard Undetermined	Ongoing IRP
58	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA39, Former Large Bomb Range	Low	Assessment	Hazard Present	Ongoing MMRP
59	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA40, Former Skeet Range	Low	Assessment	Hazard Present	Ongoing MMRP
60	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA43, Urban Warfare Training Facility	Low	Assessment	Hazard Present	Ongoing MMRP
61	Oahu	Air Force, Bellows Air Force Station	Bellows AFS OU1	Low	Assessment	Hazard Undetermined	Ongoing IRP
62	Oahu	Air Force, Bellows Air Force Station	Bellows AFS OU7	Low	Assessment	Hazard Undetermined	Ongoing IRP
63	Oahu	Air Force, Bellows Air Force Station	Bellows AFS SD04	Low	Assessment	Hazard Undetermined	Ongoing IRP
64	Oahu	Air Force, Bellows Air Force Station	Bellows AFS SD22	Low	Assessment	Hazard Undetermined	Ongoing IRP
65	Oahu	Air Force, Bellows Air Force Station	Bellows AFS SS21	Low	Assessment	Hazard Undetermined	Ongoing IRP
66	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST03	Low	Assessment	Hazard Undetermined	Ongoing IRP
67	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST09	Low	Assessment	Hazard Undetermined	Ongoing IRP
68	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST11	Low	Assessment	Hazard Undetermined	Ongoing IRP
69	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST12	Low	Assessment	Hazard Undetermined	Ongoing IRP
70	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST13	Low	Assessment	Hazard Undetermined	Ongoing IRP
71	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST14	Low	Assessment	Hazard Undetermined	Ongoing IRP
72	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST15	Low	Assessment	Hazard Undetermined	Ongoing IRP
73	Oahu	Air Force, Bellows Air Force Station	Bellows AFS ST16	Low	Assessment	Hazard Undetermined	Ongoing IRP
74	Oahu	Air Force, Fort Kamehameha	Fort Kamehameha DSPL Site	Low	Assessment	Hazard Undetermined	Inactive IRP
75	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC EA22, Wash Racks/Bldg 2025 and near Bldg 1055	Low	Assessment	Hazard Undetermined	Inactive IRP
76	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC KNMD-EA01 Potential Landfill	Low	Assessment	Hazard Undetermined	Inactive IRP
77	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC KNMD-EA11 Old HIANG Area	Low	Assessment	Hazard Undetermined	Inactive IRP
78	Oahu	Air Force, Hickam Air Force Base	Hickam AFB Building 1204	Low	Assessment	Hazard Undetermined	Inactive IRP

HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015								
Island	Installation	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
79	Oahu	Air Force, Hickam Air Force Base	Hickam AFB CF23, Former Mess Hall Hickam AFB MRA1X, Former Skeet	Medium	Assessment	Hazard Present	Ongoing	IRP
80	Oahu	Air Force, Hickam Air Force Base	Ranges Hickam AFB MRA1X, MRS TS001 Hickam	Low	Assessment	Hazard Present	Ongoing	MMRP
81	Oahu	Air Force, Hickam Air Force Base	Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP
82	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA2X, Small Skeet Range Hickam AFB MRA3X, Former Moving	Low	Assessment	Hazard Present	Ongoing	MMRP
83	Oahu	Air Force, Hickam Air Force Base	Base Skeet Range Hickam AFB MRA53, Former Fort	Low	Assessment	Hazard Present	Ongoing	MMRP
84	Oahu	Air Force, Hickam Air Force Base	Kamehameha Small Arms Range Hickam AFB MRA54, Former EOD	Low	Assessment	Hazard Present	Ongoing	MMRP
85	Oahu	Air Force, Hickam Air Force Base	Proficiency Range	Low	Assessment	Hazard Present	Ongoing	MMRP
86	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST20, EOD Area USTs	Low	Assessment	Hazard Present	Ongoing	IRP
87	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST28, Subsite 2020/2021	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
88	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST28, Subsite 3007	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
89	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST28, Subsite 3023	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
90	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST28, Subsite AVPA-B	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
91	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST29, Subsite 1093	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
92	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST29, Subsite 2006	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
93	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30 Subsite 725	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
94	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 815	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
95	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 934	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
96	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 940	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
97	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 969	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
98	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 970	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
99	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 998	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
100	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Subsite 1001	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
101	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Subsite 1055B	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
102	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Subsite F-1041	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
103	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Subsite F-29A	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
104	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST31, Subsite F-33	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA

HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015								
Island	Installation	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
105	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Subsite 1102	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
106	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Subsite 1152	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
107	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Subsite 2050B	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
108	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Subsite F-177A&B	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
109	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Subsite F-511	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
110	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Vickers Avenue USTs	Low	Assessment	Hazard Present	Ongoing	IRP
111	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Vickers Avenue USTs, 20 Sub-Sites	NFA	Assessment	No Hazard	NFA	IRP
112	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Vickers Avenue USTs, 28 Sub-Sites	NFA	Response	Hazard Managed With Institutional Controls	NFA	IRP
113	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST33, Subsite 320	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
114	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST33, Subsite 344	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
115	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST33, Subsite 358	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
116	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST33, Subsite 496	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
117	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST34, Clean Water Rinse Facility	Medium	Assessment	Hazard Present	Ongoing	IRP
118	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST34, Subsite 2184	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
119	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST35, Subsite 1720	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
120	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST35, Subsite F-1818	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
121	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST38, Fort Kamehameha USTs	Low	Assessment	Hazard Undetermined	Ongoing	IRP
122	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1120 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
123	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1760 USTs	Low	Assessment	Hazard Present	Ongoing	Compliance
124	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1805 USTs	Low	Assessment	Hazard Undetermined	Ongoing	IRP
125	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1860 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
126	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 2072 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
127	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 309 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
128	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 333 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
129	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 369 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
130	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 484 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
131	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 869 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA

<b>HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015</b>								
<b>Island</b>	<b>Installation</b>	<b>Site Name</b>	<b>Priority</b>	<b>Action</b>	<b>Potential Hazards And Controls</b>	<b>Site Status</b>	<b>Cleanup Program</b>	
132	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 940 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
133	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 969 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
134	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 986 UST	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
135	Oahu	Air Force, Hickam Air Force Base	Hickam Former Building 2156 AST Hickam Golf Course IRP Site LFOS- Triservices Landfill	Medium	Assessment	Hazard Present	Ongoing	IRP
136	Oahu	Air Force, Hickam Air Force Base	Waiawa Stream Tributary, Pearl City	Low	Assessment	Hazard Undetermined	Inactive	IRP
137	Oahu	Air Force, Hickam Air Force Base	Hickam POL Default Sites	Medium	Assessment	Hazard Present	Ongoing	IRP
138	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST01, Kipapa Fuel Storage Annex	High	Assessment	Hazard Present	Ongoing	IRP
139	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST01C, KFSU UST, OWS, & Cesspool	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
140	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST02, Spill Site ST02 & Valve Pit 26	Low	Assessment	Hazard Undetermined	Ongoing	IRP
141	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST03, Spill Site ST03 & Valve Pits 14, 15, 15A, & 16	Medium	Assessment	Hazard Present	Ongoing	IRP
142	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST14, Spill Site ST14 & Valve Pit 30	Medium	Assessment	Hazard Present	Ongoing	IRP
143	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL ST28, Spill Site 28 (Formerly EA05)	Low	Assessment	Hazard Undetermined	Ongoing	IRP
144	Oahu	Air Force, Kaala Air Force Station	Kaala AFS WP03	Low	Assessment	Hazard Undetermined	Ongoing	IRP
145	Oahu	Air Force, Kaena Point Satellite Tracking Station	Kaena Point STS EA01	Low	Assessment	Hazard Undetermined	Ongoing	IRP
146	Oahu	Air Force, Kaena Point Satellite Tracking Station	Kaena Point STS EA05	Low	Assessment	Hazard Undetermined	Ongoing	IRP
147	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation	Low	Assessment	Hazard Undetermined	Inactive	IRP
148	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation 1850	Low	Assessment	Hazard Undetermined	Ongoing	Army
149	Oahu	Army, Aliamanu Military Reservation	Aliamanu Drive	Low	Assessment	Hazard Undetermined	Ongoing	Army
150	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation, Bunker & Residential Areas	Low	Assessment	Hazard Undetermined	Inactive	IRP
151	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation, Seal Tunnel Portals	Low	Assessment	Hazard Undetermined	Inactive	IRP
152	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Fort Barrette, Safety Hazard Removal	Low	Assessment	Hazard Undetermined	Inactive	IRP
153	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Waikakalaua Ammo Storage Tunnels	Medium	Assessment	Hazard Undetermined	Ongoing	IRP

**HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015**

<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazards And Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>	
154	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Waikakalaua Ammunitions Storage Tunnel MMRP	High	Remedy Selection Complete	Hazard Managed With Institutional Controls	NFA	MMRP
155	Oahu	Army, Corps of Engineers	FUDS Aiea AAA Command Post	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
156	Oahu	Army, Corps of Engineers	FUDS Aiea Military Reservation	High	Response	Hazard Present	Ongoing	FUDS
157	Oahu	Army, Corps of Engineers	FUDS Battery George W. Ricker	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
158	Oahu	Army, Corps of Engineers	FUDS Center Combat Range	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
159	Oahu	Army, Corps of Engineers	FUDS Dillingham Air Force Base	Low	Assessment	Hazard Present	Ongoing	FUDS
160	Oahu	Army, Corps of Engineers	FUDS Haiku Radio Station	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
161	Oahu	Army, Corps of Engineers	FUDS Haleiwa Landing Field	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
162	Oahu	Army, Corps of Engineers	FUDS Heeia Combat Training Camp	High	Response	Hazard Present	Ongoing	FUDS
163	Oahu	Army, Corps of Engineers	FUDS Kahuku Training Area	Medium	Assessment	Hazard Present	Ongoing	FUDS
164	Oahu	Army, Corps of Engineers	FUDS Makapuu Light House	Medium	Assessment	Hazard Present	Ongoing	FUDS
165	Oahu	Army, Corps of Engineers	FUDS Oahu Target Island	High	Assessment	Hazard Present	Ongoing	FUDS
166	Oahu	Army, Corps of Engineers	FUDS Offshore Waianae Sewage Outfall	Low	Assessment	Hazard Present	Ongoing	FUDS
167	Oahu	Army, Corps of Engineers	FUDS Pacific Jungle Combat Training Area	High	Assessment	Hazard Present	Ongoing	FUDS
168	Oahu	Army, Corps of Engineers	FUDS Pali Training Camp	High	Assessment	Hazard Present	Ongoing	FUDS
169	Oahu	Army, Corps of Engineers	FUDS Puuloa-Ex NAS Barbers Point	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
170	Oahu	Army, Corps of Engineers	FUDS Rabbit Island	Medium	Assessment	Hazard Present	Ongoing	FUDS
171	Oahu	Army, Corps of Engineers	FUDS Range D-400-L	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
172	Oahu	Army, Corps of Engineers	FUDS ST-10 Sherwood Forest USTs	Low	Response	Hazard Undetermined	Ongoing	FUDS
173	Oahu	Army, Corps of Engineers	FUDS Waiawa Training Area	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
174	Oahu	Army, Corps of Engineers	FUDS Waikane Training Area	High	Response	Hazard Present	Ongoing	FUDS
175	Oahu	Army, Corps of Engineers	FUDS Wailua Artillery Impact Area	High	Assessment	Hazard Present	Ongoing	FUDS
176	Oahu	Army, Corps of Engineers	FUDS Waimea Falls Park	Medium	Assessment	Hazard Present	Ongoing	FUDS
177	Oahu	Army, Dillingham Military Reservation	Dillingham Military Reservation, Former Transformer Site	Low	Assessment	Hazard Undetermined	Inactive	IRP
178	Oahu	Army, Fort DeRussy	Fort DeRussy, Former Leaking UST Site (Bldg 107 & 108)	Low	Assessment	Hazard Undetermined	Inactive	IRP
179	Oahu	Army, Fort Shafter	Fort Shafter, Building 1527	Low	Response	No Hazard	Ongoing	IRP

**HSRP DSMOA PRIORITY SITES FY2015**

<b>HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015</b>								
<b>Island</b>	<b>Installation</b>	<b>Site Name</b>	<b>Priority</b>	<b>Action</b>	<b>Potential Hazards And Controls</b>	<b>Site Status</b>	<b>Cleanup Program</b>	
180	Oahu	Army, Fort Shafter						
		Fort Shafter, DRILL Field, Pistol Range, and Rifle Ranges 1 & 2	Low	Response	Hazard Undetermined	Ongoing	MMRP	
181	Oahu	Army, Kahuku Training Area						
		Kahuku Training Area, Former Transformer Site	Low	Assessment	Hazard Undetermined	Inactive	IRP	
182	Oahu	Army, Kapalama Military Reservation						
		Kapalama Military Reservation South Oahu Location	Low	Assessment	Hazard Undetermined	Ongoing	Army	
183	Oahu	Army, Kunia Military Reservation						
		Kunia Field Station	Low	Assessment	Hazard Undetermined	Inactive	IRP	
184	Oahu	Army, Kunia Military Reservation						
		Kunia Field Station, Microwave Tower & Building 25	Low	Assessment Remedy Selection	Hazard Undetermined	Ongoing	IRP	
185	Oahu	Army, Makua Military Reservation						
		Makua Military Reservation MMRP	High	Complete	Hazard Managed With Institutional Controls	NFA	MMRP	
186	Oahu	Army, Pokai Bay						
		Ordnance Reef Site HI-06	Low	Assessment	Hazard Undetermined	Ongoing	MMRP	
187	Oahu	Army, Schofield Barracks						
		Building Quad-J	Low	Assessment	Hazard Undetermined	Ongoing	Army	
188	Oahu	Army, Schofield Barracks						
		Schofield Barracks Buildings 652, 649, 650	Low	Assessment	Hazard Undetermined	Ongoing	Army	
189	Oahu	Army, Schofield Barracks						
		Schofield Barracks NCO Academy Building 6055	Low	Assessment	Hazard Undetermined	Ongoing	Army	
190	Oahu	Army, Schofield Barracks						
		Schofield Barracks Site 26 Car Care Schofield Barracks, Operable Unit 2 (OU2)	Low	Assessment	Hazard Undetermined	Inactive	IRP	
191	Oahu	Army, Schofield Barracks						
		Schofield Barracks, Site A-100-L-2	High	Response	Hazard Present	Ongoing	IRP	
192	Oahu	Army, Schofield Barracks						
		Schofield Barracks, Site A-100-L-2 (TD)	Low	Assessment	Hazard Undetermined	Ongoing	MMRP	
193	Oahu	Army, Schofield Barracks						
		Schofield Barracks, Site ER-7A	Low	Assessment	Hazard Undetermined	Ongoing	MMRP	
194	Oahu	Army, Schofield Barracks						
		Schofield Barracks, Small Bore Range Schofield Barracks, Southern Pistol Ranges	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP	
195	Oahu	Army, Schofield Barracks						
		Schofield Barracks, UST Building 3010A	Low	Assessment	Hazard Undetermined	Ongoing	MMRP	
196	Oahu	Army, Schofield Barracks						
		Schofield Barracks, Yonkers Range	Low	Assessment	Hazard Present	Inactive	IRP	
197	Oahu	Army, Schofield Barracks						
		Wheeler Army Airfield MMRP	Medium	Response	Hazard Present	Ongoing	MMRP	
198	Oahu	Army, Wheeler Army Airfield						
		Wheeler Army Airfield, Archery Range Wheeler Army Airfield, Combat Aviation Brigade	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP	
199	Oahu	Army, Wheeler Army Airfield						
		Wheeler Army Airfield, Firing Range 2a Wheeler Army Airfield, Practice Bomb Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP	
200	Oahu	Army, Wheeler Army Airfield						
		Wheeler Army Airfield, Practice Bomb Range	NFA	Response	Hazard Managed With Institutional Controls	NFA	MMRP	

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<b>Island</b>	<b>Installation</b>	<b>Site Name</b>	<b>Priority</b>	<b>Action</b>	<b>Potential Hazards And Controls</b>	<b>Site Status</b>	<b>Cleanup Program</b>	
204	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Skeet Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
205	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Auto Hobby Shop	Low	Assessment	Hazard Undetermined	Inactive	IRP
206	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Coral Pit, Ordnance Pond, Sanitary Landfill	Low	Assessment	Hazard Undetermined	Ongoing	Navy
207	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Dry Well Network	Low	Assessment	Hazard Undetermined	Ongoing	BRAC
208	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Fire Fighting Training Pits	Low	Assessment	Hazard Undetermined	Ongoing	BRAC
209	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Former Fuel Farm	Low	Assessment	Hazard Undetermined	Ongoing	BRAC
210	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Golf Course Maintenance Shop	Medium	Response	No Hazard	NFA	IRP
211	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Navy Public Works Center	Low	Response	Hazard Present	Ongoing	BRAC
212	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Regional Groundwater System	Low	Assessment	Hazard Undetermined	Inactive	BRAC
213	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Runway 11 Clear Zone	Low	Assessment	Hazard Undetermined	Inactive	BRAC
214	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Sanitary Landfill	Low	Response	Hazard Present	Ongoing	IRP
215	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Station P	NFA	Response	No Hazard	NFA	IRP
216	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Station S1759	NFA	Response	No Hazard	NFA	IRP
217	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Transformer Substations	Low	Response	Hazard Present	Inactive	BRAC
218	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS UST BP 19-20	Low	Assessment	Hazard Undetermined	Ongoing	Compliance
219	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Abandoned Tank	Medium	Assessment	Hazard Undetermined	Inactive	IRP
220	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Abandoned Underground Fuel	Medium	Response	Hazard Present	Ongoing	IRP
221	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Contaminated Groundwater	Medium	Assessment	Hazard Undetermined	Inactive	IRP
222	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Merry Point Old Diesel Purifier	Medium	Assessment	Hazard Undetermined	Inactive	IRP
223	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Pearl City Fuel Annex	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
224	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, PWC Gas Station Bldg 1326	Medium	Assessment	Hazard Undetermined	Inactive	IRP
225	Oahu	Navy, Ford Island	Ford Island	High	Response	Hazard Undetermined	Ongoing	IRP

HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015								
Island	Installation	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
226	Oahu	Navy, Joint Base Command	PHNC, Sandblast Grit Disposal	Medium	Response	Hazard Present	Ongoing	IRP
227	Oahu	Navy, Joint Base Pearl Harbor Hickham (JBPHH)	JBPHH, Underground Storage Tank at Marine Barracks Building 285	Medium	Assessment	Hazard Undetermined	Ongoing	Compliance
228	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe Marine Corps Base Hawaii MMRP	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
229	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 322 Motor Pool UST KB-100	Low	Assessment	Hazard Present	Ongoing	IRP
230	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 322 Motor Pool UST KB-91	Low	Assessment	Hazard Undetermined	Ongoing	IRP
231	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Facilities Department Salvage Yard	Low	Response	Hazard Undetermined	Ongoing	IRP
232	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH H-3 Landfill	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
233	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Naval Ocean Systems Center	NFA	Response	No Hazard	NFA	IRP
234	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Quarry Pit Landfill	Low	Response	Hazard Present	Ongoing	IRP
235	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Range Disposal Area	NFA	Assessment	No Hazard	NFA	IRP
236	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Transformer 1129 Tiki Island Site	NFA	Response	No Hazard	NFA	IRP
237	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Transformer 1255 Laundromat Site	NFA	Response	No Hazard	NFA	IRP
238	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Transformer 252B Swimming Pool Site	NFA	Response	No Hazard	NFA	IRP
239	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Transformer 298 Motor Pool Site	NFA	Response	No Hazard	NFA	IRP
240	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Transformers 898/SS245A/SS245F Wastewater Reclamation Plant Site	NFA	Response	No Hazard	NFA	IRP
241	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Transformers F-1126A/F-1126B Military Police Site	NFA	Response	No Hazard	NFA	IRP
242	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Transformers F-678/678 Electrical Shop Site	Low	Response	Hazard Present	Ongoing	DSMOA
243	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Various Transformers	NFA	Response	No Hazard	NFA	IRP
244	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Fuel Farm Sludge Disposal Area	NFA	Response	Hazard Managed With Institutional Controls	NFA	IRP
245	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Moving Target Range	Medium	Response	Hazard Undetermined	Ongoing	MMRP
246	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Ordnance Demolition Area	Low	Assessment	Hazard Undetermined	Inactive	IRP

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<b>Island</b>	<b>Installation</b>	<b>Site Name</b>	<b>Priority</b>	<b>Action</b>	<b>Potential Hazards And Controls</b>	<b>Site Status</b>	<b>Cleanup Program</b>	
247	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Skeet & Trap Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
248	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-44	Low	Assessment	Hazard Undetermined	Inactive	IRP
249	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-73	Low	Assessment	Hazard Undetermined	Inactive	IRP
250	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Waikane Valley	High	Assessment	Hazard Present	Ongoing	MMRP
251	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
252	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Building 1091	Low	Assessment	Hazard Undetermined	Inactive	IRP
253	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Firebomb Mixing Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
254	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Landfill	Low	Assessment	Hazard Undetermined	Ongoing	Navy
255	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Skeet Shooting Range	Low	Assessment	Hazard Undetermined	Inactive	IRP
256	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay, Fire Fighting Training Area	Low	Response	Hazard Undetermined	Ongoing	IRP
257	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NAVCAM	Low	Assessment	Hazard Undetermined	Inactive	IRP
258	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NCTAMS- ADMIN	High	Response	Hazard Undetermined	Ongoing	IRP
259	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NCTAMSPAC Radio Transmitter Facility	High	Response	Hazard Undetermined	Ongoing	IRP
260	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAV MAG West Loch Building 49 Transformer	Medium	Response	Hazard Undetermined	Ongoing	DSMOA
261	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAV MAG West Loch, 4th Street Coral Pit Landfill	Medium	Response	Hazard Managed With Engineering Controls	NFA	IRP
262	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAV MAG West Loch, Burning Pit MRS	Low	Response	Hazard Present	Ongoing	MMRP
263	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAV MAG West Loch, Electrical Components Disposal Area MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
264	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAV MAG West Loch, Injection Well MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
265	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAV MAG West Loch, Otto Fuel Waste Storage Area	Medium	Assessment	No Hazard	Ongoing	IRP
266	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAV MAG West Loch, Vehicle Maintenance Facility	Medium	Assessment	Hazard Undetermined	Ongoing	IRP

HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015								
Island	Installation	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
267	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	Naval Magazine Lualualei (Lualualei Branch)	Low	Assessment	Hazard Undetermined	Inactive	IRP
268	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building 112/112A Tank Repair Facility	Low	Assessment	Hazard Undetermined	Ongoing	IRP
269	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building D122 Projectile Overhaul Facility	Low	Assessment	Hazard Undetermined	Ongoing	IRP
270	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building S461 Battery Washing Shed	Low	Assessment	Hazard Undetermined	Ongoing	IRP
271	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Buildings 172 & 418 Battery Charging Shops	Low	Assessment	Hazard Undetermined	Ongoing	IRP
272	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Closed Small Arms Range MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
273	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Fill Area MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
274	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Former Emergency Detonation Area	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
275	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Homemade Incinerator MRS	Low	Assessment	Hazard Present	Ongoing	MMRP
276	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL M-28 Rifle Grenade Range MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
277	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Ordnance Burn Area MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
278	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Outlying Operations Area	Low	Response	Hazard Undetermined	Ongoing	IRP
279	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Rocket Test Range MRS	Low	Response	Hazard Undetermined	Ongoing	MMRP
280	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Salvage Yard	Medium	Response	Hazard Present	Ongoing	IRP
281	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Scrap Metal Landfill	Low	Assessment	Hazard Undetermined	Ongoing	IRP
282	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Small Arms Range II	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
283	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Stormwater and Sewage Systems	Low	Assessment	Hazard Undetermined	Ongoing	IRP
284	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Trap and Skeet Range MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
285	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Waipio Peninsula	High	Response	Hazard Present	Ongoing	IRP
286	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele Burn Pit/Disposal Area	Low	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
287	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele USTs 50/51	Low	Assessment	Hazard Managed With Institutional Controls	Ongoing	IRP

<b>HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015</b>							
<b>Island</b>	<b>Installation</b>	<b>Site Name</b>	<b>Priority</b>	<b>Action</b>	<b>Potential Hazards And Controls</b>	<b>Site Status</b>	<b>Cleanup Program</b>
288	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)					
		Navy, Naval Magazine Lualualei (West Loch Branch)					
289	Oahu						
		Waipahu Incinerator/Ash Dump	Medium	Response	Hazard Present	Ongoing	IRP
290	Oahu	Navy, Naval Magazine Pearl Harbor					
		Naval Magazine Pearl Harbor MMRP	High	Assessment	Hazard Present	Ongoing	MMRP
291	Oahu	Navy, NAVCAMS EASTPAC Opana					
		Navy, NAVCAMS EASTPAC Radio					
292	Oahu						
		Transmitting Facility Lualualei	Medium	Response	Hazard Undetermined Hazard Managed With Engineering Controls	Ongoing	IRP
293	Oahu	Navy, NCTAMS Pacific					
294	Oahu	Navy, NCTAMS Pacific					
295	Oahu	Navy, NCTAMS Pacific					
296	Oahu	Navy, NCTAMS Pacific					
297	Oahu	Navy, NCTAMS Pacific					
298	Oahu	Navy, NCTAMS Pacific					
299	Oahu	Navy, NCTAMS Pacific					
300	Oahu	Navy, NCTAMS Pacific					
301	Oahu	Navy, NCTAMS Pacific					
302	Oahu	Navy, NCTAMS Pacific					
303	Oahu	Navy, NCTAMS Pacific					
304	Oahu	Navy, NCTAMS Pacific					
305	Oahu	Navy, NCTAMS Pacific					
306	Oahu	Navy, NCTAMS Pacific					
307	Oahu	Navy, Pearl Harbor Naval Complex					
308	Oahu	Navy, Pearl Harbor Naval Complex					
309	Oahu	Navy, Pearl Harbor Naval Complex					

HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015								
Island	Installation	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program	
310	Oahu	Navy, Pearl Harbor Naval Complex	Moanalua Shopping Center	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
311	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Hotel Pier 1 & 4	Low	Assessment	Hazard Undetermined	Ongoing	Navy
312	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Center, Fletragru Firetest Area	Low	Assessment	Hazard Undetermined	Ongoing	IRP
313	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Center, Makalapa Crater	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
314	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Supply Center	Low	Assessment	Hazard Undetermined	Inactive	IRP
315	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Navy Public Works Center	Low	Assessment	Hazard Undetermined	Inactive	IRP
316	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Sediment Study	Medium	Assessment	Hazard Present	Ongoing	IRP
317	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Shore Intermediate Maintenance Activity	Low	Assessment	Hazard Undetermined	Ongoing	Navy
318	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Aiea Laundry Building 436	Medium	Response	Hazard Present	Ongoing	IRP
319	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-60 Sludge Disposal Pit	Medium	Assessment	Hazard Undetermined	Inactive	IRP
320	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-660 Plating Shore Disposal	Medium	Assessment	Hazard Undetermined	Inactive	IRP
321	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-660 Spent Acid Disposal	Medium	Assessment	Hazard Undetermined	Inactive	IRP
322	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 284 Engine Test Cell	High	Response	Hazard Undetermined	Inactive	IRP
323	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 39 Storm Drain Lines	Medium	Assessment	Hazard Undetermined	Inactive	IRP
324	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 43 Storm Drain Lines	Medium	Assessment	Hazard Undetermined	Inactive	IRP
325	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 472, OPS Department Storage	Medium	Assessment	Hazard Undetermined	Inactive	IRP
326	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, EPMU-6 B-1536 Lab O/W Pit	Medium	Assessment	Hazard Undetermined	Inactive	IRP
327	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Ford Island Building 80 & 302	Medium	Response	Hazard Managed With Engineering Controls	NFA	IRP
328	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Ford Island Landfill	Low	Response	Hazard Managed With Engineering Controls	NFA	IRP
329	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Former Transformer J-13	Medium	Response	Hazard Undetermined	Ongoing	IRP
330	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Landing Pipeline	NFA	Response	Hazard Managed With Institutional Controls	NFA	IRP
331	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Building 644	Medium	Assessment	Hazard Present	Ongoing	IRP
332	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 11	Low	Assessment	Hazard Present	Ongoing	IRP
333	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 12	Medium	Response	Hazard Undetermined	Ongoing	IRP

HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015							
Island	Installation	Site Name	Priority	Action	Potential Hazards And Controls	Site Status	Cleanup Program
334	Oahu	Navy, Pearl Harbor Naval Complex					
		PHNC, Halawa Main Gate GSA, Remedial Action Area 13	Low	Assessment	Hazard Undetermined	Ongoing	IRP
335	Oahu	Navy, Pearl Harbor Naval Complex					
		PHNC, Halawa Main Gate GSA, Storm Drain Inlet Release Sites	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
336	Oahu	Navy, Pearl Harbor Naval Complex					
		PHNC, Open Area near Building 992	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
337	Oahu	Navy, Pearl Harbor Naval Complex					
		PHNC, Quarry Loch Oil Seepage	Medium	Assessment	Hazard Undetermined	Inactive	IRP
338	Oahu	Navy, Pearl Harbor Naval Complex					
		PHNC, Substation G, Building S-6	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
339	Oahu	Navy, Pearl Harbor Naval Complex					
		PHNC, Transformer Site K-14	Low	Assessment	Hazard Undetermined	Ongoing	IRP
340	Oahu	Navy, Pearl Harbor Naval Complex					
		PHNC, Transformer Site TD-10	Medium	Response	Hazard Present	Ongoing	IRP
341	Oahu	Navy, Pearl Harbor Naval Complex					
		PHNC, Underwater Munitions NDSA	High	Assessment	Hazard Undetermined	Ongoing	MMRP
342	Oahu	Navy, Pearl Harbor Naval Complex					
		PHNC, UST 1 #1-77, #2-77, #3-77	Medium	Assessment	Hazard Undetermined	Inactive	IRP
343	Oahu	Navy, Pearl Harbor Naval Complex					
		PHNC, UST BP-1	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
344	Oahu	Navy, Pearl Harbor Naval Complex					
		PHNC, UST EP-1	Medium	Assessment	Hazard Undetermined	Inactive	IRP
345	Oahu	Navy, Pearl Harbor Naval Complex					
		PHNC, Various Transformer Sites	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
346	Oahu	Navy, Pearl Harbor Naval Complex					
		USN Fleet Training Group	Low	Assessment	Hazard Undetermined	Ongoing	Navy
347	Oahu	Navy, Pearl Harbor Naval Shipyard					
		PHNSY, Area North of Building 1754	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
348	Oahu	Navy, Pearl Harbor Naval Shipyard					
		PHNSY, Former Battery Acid Pit	Medium	Response	Hazard Managed With Engineering Controls	Ongoing	IRP
349	Oahu	Navy, Pearl Harbor Naval Shipyard					
		PHNSY, Foundry, Building 6, New 03	NFA	Response	Hazard Managed With Engineering Controls	NFA	IRP
350	Oahu	Navy, Pearl Harbor Naval Shipyard					
		PHNSY, NSY Transport Yard, New 02	Medium	Response	Hazard Present	Ongoing	IRP
351	Oahu	Navy, Pearl Harbor Naval Shipyard					
		PHNSY, Shipyard GSA, Storm Drain Inlet Release Sites	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
352	Oahu	Navy, Pearl Harbor Naval Shipyard					
		PHNSY, Storm/Sanitary Sewer Drain	Medium	Assessment	Hazard Undetermined	Inactive	IRP
353	Oahu	Navy, Pearl Harbor Naval Shipyard					
		PHNSY, Sump Plating Tanks B67	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
354	Oahu	Navy, Pearl Harbor Naval Shipyard					
		PHNSY, UST 5 & 10	Medium	Assessment	Hazard Undetermined	Inactive	IRP
355	Oahu	Navy, Pearl Harbor Naval Shipyard					
		PHNSY, UST Locations #11	Medium	Assessment	Hazard Undetermined	Inactive	IRP
356	Oahu	Navy, Public Works Center					
		PHPWC, Building X24 & Wash Rack X6	Medium	Assessment	Hazard Undetermined	Inactive	IRP
357	Oahu	Navy, Public Works Center					
		PHPWC, Burn Area near Pearl City Peninsula	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
358	Oahu	Navy, Public Works Center					
		PHPWC, Makalapa Landfill Area	Medium	Assessment	Hazard Present	Ongoing	IRP

**HAWAII STATE RESPONSE PROGRAM DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF SITES FY2015**

<u>Island</u>	<u>Installation</u>	<u>Site Name</u>	<u>Priority</u>	<u>Action</u>	<u>Potential Hazards And Controls</u>	<u>Site Status</u>	<u>Cleanup Program</u>
359	Oahu	Navy, Public Works Center					
		PHPWC, Oil Reclamation/Incineration (Naval Shipyard)	Medium	Assessment	Hazard Undetermined	Inactive	IRP
360	Oahu	Navy, Public Works Center					
		PHPWC, Various Transformers	Medium	Assessment	Hazard Undetermined	Inactive	IRP
361	Oahu	Navy, Public Works Center					
		PHPWC, Various Transformers II	Medium	Assessment	Hazard Undetermined	Inactive	IRP
362	Oahu	Navy, Public Works Center					
		PHPWC, Wastewater Treatment Plant					
		Waste	High	Assessment	Hazard Undetermined	Ongoing	IRP
363	Oahu	Navy, Waipio Peninsula					
		Navy Waipio Peninsula, Herbicide/Fertilizer Mixing Area	High	Assessment	Hazard Present	Ongoing	IRP

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**END OF REPORT**

**ACTUAL EXPENDITURES AND ENCUMBRANCES FROM JULY 1, 2015 TO DECEMBER 31, 2015**

Expenditures: \$566,525

Encumbrance: \$325,279

**PLANNED EXPENDITURES FROM JANUARY 1, 2016 TO JUNE 30, 2016**

Expenditures: \$567,000

Contingency amount planned to be held in reserve throughout the fiscal year for expenditure in the event of a major release: \$1,200,000