REPORT TO THE TWENTY-NINTH LEGISLATURE
STATE OF HAWAII
2018

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 FY2017

PREPARED BY:
DEPARTMENT OF HEALTH
STATE OF HAWAII
DECEMBER 2017

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EXECUTIVE SUMMARY

REPORT ON THE ENVIRONMENTAL RESPONSE REVOLVING FUND FOR FISCAL YEAR 2017

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 the Fiscal Year 2017 accounting of 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 FY2017.

ERRF Supports Environmental Health Administration

Prior to FY2016, 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). Due to rapidly declining barrel tax revenues, 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. The legislative changes enacted removed certain uses of the fund, returning the focus to removal, remediation, and detection of oil and pollutant or contaminant releases; and removal and remediation of hazardous waste and any other solid, liquid, or gaseous substance that may harm the environment. Concurrently, the 2015 Legislature reduced the corresponding 2016 appropriations to the affected programs: HEER <$1,132,230>, CWB <$324,891>, SDWB <$457,532>, and SHWB <$892,793>. The Legislature also adjusted the ERRF ceiling by adding $213,005 and reducing it by <$213,182>. There was an adjustment to add $224,590 in collective bargaining monies to the fund.

Revenue

ERRF generates revenue in variable amounts during any given year from the fines, penalties, and interest earned by the environmental programs. A primary source of funding for the ERRF is the 5-cent share of the "environmental response oil tax" which levies a $1.05 tax on each barrel of oil shipped into Hawaii.

The General Fund receives sixty cents of the barrel tax. The Department of Business, Economic Development and Tourism (DBEDT), Energy Security Special Fund and the Energy Systems Development Fund, and the Hawaii Department of Agriculture (DOA), Agricultural Development and Food Security Special Fund receive the remaining 40 cents.

In 2015, the Legislature expanded HRS Section 243-3.5(b)(1) to include other fossil fuels by levying a 19-cent tax on each one million British thermal units (MMBtu) of fossil fuel sold by a distributor. The Department of Taxation (DOTAX) Annual Report states that the tax was levied on 4.8 million MMBtu of non-petroleum fossil fuels in FY 2016. The ERRF is allocated a 4.8 per cent share of this additional tax revenue.

In addition, fines and penalties generated by the Hazard Evaluation and Emergency Response Office, Clean Water Branch (CWB), Safe Drinking Water Branch (SDWB), Solid and Hazardous Waste Branch (SHWB), Clean Air Branch (CAB), and the Indoor and Radiological Health Branch (IRHB) are deposited into the ERRF. Oil tax revenue to DOH in FY2017 was $1,266,898. Total revenue to the ERRF, including the oil tax revenue, was $3,802,658.

Budget and Expenditure

The 2017 legislature appropriated $1,790,391 for operating expenses to the Environmental Management Division (EMD) and Hazard Evaluation and Emergency

Response (HEER) Office. The state expended $1,047,264 from the ERRF during FY17 for the four programs.

DOH Oil Tax Revenue Declining

The 5-cent per barrel "environmental response tax" revenue to environmental programs is in decline. For fiscal years 2013, 2014, 2015, 2016, 2017 oil tax revenue was $1,314,717, $1,294.756, $1,239,739, $1,236,065, $1,287,966, and $1,266,898 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. In addition, revisions to §243-3.5(b)(1) modified the Environmental Response, Energy and Food Security Tax to add a 19-cent tax on each one million British thermal units (MMBtu) of fossil fuels and to allocate 4.8 per cent of said tax to the ERRF. The change in the means of finance for the 31 occupied positions from ERRF to general funds also took effect in July 2015. Accordingly, the Legislature adjusted the ERRF appropriations to the affected EHA programs. Another provision was that unexpended and unencumbered funds in excess of $1,250,000 remaining in the fund after June 30 of each fiscal year will be transferred to the general fund. Changes affecting the ERRF have been reported in detail in this Report

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.
The United States Environmental Protection Agency's (EPA) budget cuts from 2010 to 2017 resulted in a net loss of $407,550 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 and FY2017 annual allocation dropped to $936,300. 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 FY2018 to $275,000.
EPA has notified HEER that the SRP grant allocation for FFY2019 is likely to decrease substantially due to a proposed change in the EPA allocation formula as well as changes in the administration. Future funding levels for PA/SI are expected to drop back to no more than $225,000 in 2019.

With the decline in oil tax revenue and substantial reductions in federal funding it is hoped that the additional funding from the 19-cent tax on each MMBtu of fossil fuels of which the ERRF is allocated 4.8 percent will help to offset the losses.

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).

Secondly, the *FY2017 Hawaii State Response Program (HSRP) Chemical Release Notification Log* lists 568 release notifications managed by the HEER Office State On-Scene Coordinators (SOSCs). HEER identified 369 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 568 active sites under direct DOH oversight in the various State programs. This includes 30 new sites added during the last fiscal year, and 26 sites with known or suspected contamination that received No Further Action (NFA) determinations since the beginning of FY2017.

Finally, the *Hawaii State Response Program Defense and State Memorandum of Agreement (DSMOA) Program List of Priority Sites* presents a list of 388 military sites in Hawaii for which HEER's Site Discovery and Remediation (SDAR) section provides oversight. This includes 10 sites with known or suspected contamination that received NFA determinations.

SDAR provides regulatory oversight of hazardous substance response actions for Department of Defense (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 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/**

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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.

ERRF Uses

In accordance with HRS 128D, the ERRF may be used for the following:

(1) Removal, remediation, and detection of oil and pollutant or contaminant releases;

(2) Removal and remediation of hazardous waste and any other solid, liquid, or gaseous substance that may harm the environment; and

(3) The payment of expenditures authorized by the Director under section 128D-4, Uses of the Fund.

Special Funding to Attorney General

The ERRF funds 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.

Annual de minimis Settlements

Chapter 128D, HRS, Environmental Response Law, requires that the department report annually on any de minimis settlements. During FY2017, there were no de minimis settlements.

Four Environmental Health Program Budgets

Four DOH environmental programs share revenue deposited to the ERRF and have access to the following FY17 Legislative Session appropriation amounts with FY18 adjustments: The Hazard Evaluation and Emergency Response (HEER) Office $1,363,895, Clean Water Branch (CWB) $134,505, Safe Drinking Water Branch (SDWB) $140,541, and Solid and Hazardous Waste Branch (SHWB) $137,166 for a total FY2018 allocation of $1,776,107. These FY 2018 allocations for CWB, SDWB and SHWB have dropped substantially compared with the FY2016 allocations, while the HEER allocation has increased from $1,132,230 in FY2016.

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In FY2017 the legislature appropriated $1,790,391 for operating expenses to the Environmental Management Division (EMD) and the HEER Office.

For FY2017 the state expended $1,047,264 for the four programs. The operational expenses were for emergency and non-emergency environmental response contractors, salary and fringe benefits, travel, response training, standby and overtime pay, legal services, and Tier II Fees distributed to the county LEPCs.

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". Additional revenue also is generated from the 19-cent tax on each MMBtu of fossil fuels of which the ERRF is allocated 4.8 percent. The DOTAX Annual Report states that the tax was levied on 4.8 million MMBtu of non-petroleum fossil fuels in FY 2016. Overall, the oil tax revenue is on the decline. Oil tax revenue for the past five fiscal years is as follows: $1,294.756 (2013), $1,239,739 (2014), $1,236,065 (2015), $1,287,966 (2016), and $1,266,898 (2017). The current total spending ceiling for the fund is $1,776,107.

Environmental Response Revolving Fund Revenue – FY2017

HTH 849 and HTH 840

ENVIRONMENTAL RESPONSE TAX	1,266,898
INVESTMENT POOL ACCOUNT	12,514
FEES, NON-COVERED SOURCES (AIR POLLUTION)	350
FEES, FILING OF CHEMICAL INVENTORY FORMS	64,300
FEES, VOLUNTARY RESPONSE ACTIONS	15,007
REFUND/REIMBURSEMENT OF PRIOR PERIOD EXPENDITURES	14,520
VIOLATIONS OF AIR POLLUTION CONTROL REGULATIONS	1,218,857
VIOLATIONS OF HAZARDOUS WASTE REGULATIONS	74,202
VIOLATION OF WATER POLLUTION REGULATIONS	859,100
VIOLATION OF SOLID WASTE REGULATIONS	52,200
VIOLATIONS-DEPOSIT BEVERAGE CONTAINER PROGRAM	13,150
COMMUNITY NOISE CONTROL	35,000
DONATIONS, GIFTS OR GRANTS (DEPARTMENT)	176,559
TOTAL	3,802,657

Environmental Response Revolving Fund Expenditure – FY2017

HTH 849 and HTH 840

PERSONNEL	80,149
OPERATIONS	967,114
EQUIPMENT	-
TOTAL	1,047,263

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, 2018 presents the accounting of Tier II fee amounts as follows:

- Amount collected during Fiscal Year 2017
- Amounts distributed during Fiscal Year 2017
- Projected collection for Fiscal Year 2018

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, 2017, there are 891 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.

DOH, HSERC, and the LEPCs would like to thank the Legislature for their support in the successful legislation of the Tier II Filing Fee increase from $100 to $200 signed into law in 2017.

Tier II Filing Fees Collected and Distributed – FY2017

FY 2017 Amount Collected	$64,300
FY 2017 Amount Distributed	$67,747
FY 2018 Projection of Fees to be Collected	$140,000

		Number of Qualifying Facilities		
County	Funds Distributed to LEPCs	Non-Military Facilities	Military Facilities	Total Facilities
Honolulu	$31,130	391	28	419
Hawaii	$16,476	207	5	212
Maui	$12,818	161	3	164
Kauai	$7,323	92	4	96
Total	$67,747	851	40	891

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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 the Hawaii State Response Program (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 responding rapidly to new spills and addressing existing 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

ERRF funding to the Hazard Evaluation and Emergency Response (HEER) Office is used for operational costs for the office's implementing program, the HSRP. Three operating sections address important focus areas of the HSRP. They are the 1) Emergency Preparedness and Response (EP&R) Section, 2) Hazard Evaluation (HE) Section, and the 3) Site Discovery, Assessment and Remediation (SDAR) Section.

The HSRP provides for oversight of assessment and cleanup activities during chemical emergencies, and on high and medium priority contaminated sites across the Hawaiian Islands. These include privately owned, municipal, and state owned properties, and federal military sites. DOH has generally curtailed oversight of low priority sites, which pose little hazard, 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

As a result of legislative changes made in 2015, the ERRF no longer funds core operations for the HEER Office, and the General Fund currently supports approximately 40% of the HEER Office state response program obligations. 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 32% of the HSRP funding in FY2017.

The Environmental Protection Agency (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 SRP grant awards have been steadily declining from 2011. The SRP grant allocation for the past seven years

were $1,164,542 (2011), $1,030,350 (2012), $980,850 (2013), $980,850 (2014), $980,850 (2015), $936,300 (2016), $936,300 (2017). EPA has notified DOH to expect further cuts for the FY2018-FY2019 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 rates sites based on PA/SI system criteria to determine their eligibility for the National Priority List. When a rated site scores too low to be eligible for the National Priority List of Sites, EPA transfers site-oversight responsibility from the EPA to the State of Hawaii.
This year, the HEER Office used the $275,000 PA/SI grant to fund positions, conduct field-screening activities, and fund laboratory costs to complete rapid site screenings that assess residential areas that may have been affected by historic releases of pesticides and other contaminants.

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 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 FY2017, the state's reimbursement under DSMOA was $238,000.

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 contracted with the University of Hawaii (UH) to characterize unknown hazardous substances. The successful collaboration allows for quick identification of chemical pollutant unknowns while conducting an 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 analyzing unknown substances, the university laboratory 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 2017, HEER Office received $20,975. HEER Office mechanisms for the cost recovery require charging billable staff time and expenses to the ERRF and include following:

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.

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.

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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.

In FY2017 HEER's SOSCs managed 568 release notifications and performed direct oversight on 234 of those cases.

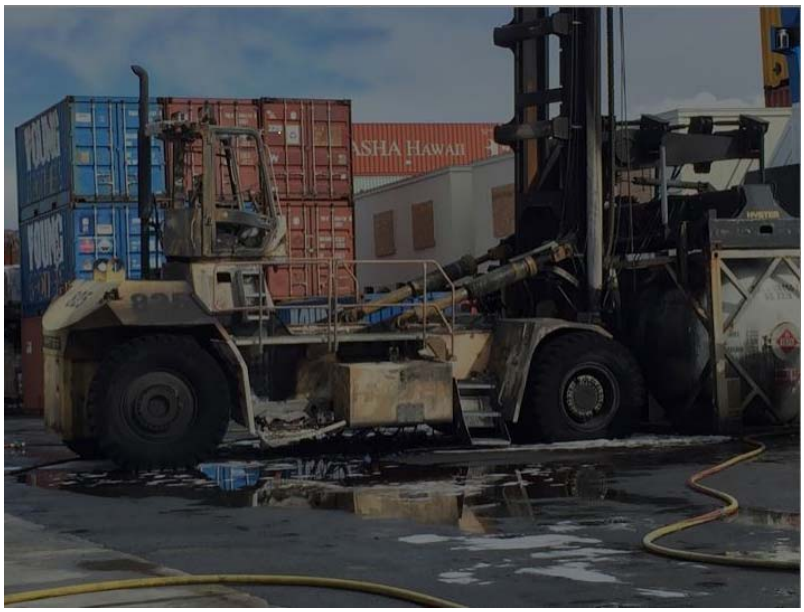
Notable HEER Office responses during FY2017 include the following:

On May 5, 2017, at the Honolulu International Airport Gate 4 vault, a 24-inch valve connected to an active pipeline was discovered leaking Jet-A fuel in the vault. For about six days, 24 hours per day, vacuum trucks were used to remove fuel from the vault. Cause of the leak were two broken bolts on a 24-inch butterfly valve. Approximately 83,000 gallons released from the pipeline but all the fuel was contained within the concrete vault.

On March 2, 2017, a caller notified the HEER Office about Clover Sinkers manufacturing fishing gear on a lot owned by Waipahu Free Will Baptist Church. Kama'aina Kids Waipahu Preschool is located approximately 100 feet from the area where lead was smelted to make fishing lead weights. Without proper controls, airborne lead resulting from smelting can migrate and contaminate nearby properties, posing an exposure concern for children at the preschool. Sampling of the interior of the preschool indicated the presence of elevated levels of lead in one classroom. Access to the affected room was closed off, parents were notified of the results, and cleanup activities were conducted to restore the safety and use of the classroom. This incident has been referred to the Remediation Section for further site assessment.

On January 30, 2017, about thirty pounds of mercury spilled from a Venturi meter were collected from an abandoned Piihonua Pumphouse, located in upper Hilo. County of Hawaii Department of Water Supply took responsibility for the clean-up.

On December 19, 2016, at approximately 8:00 a.m., a fire was reported by Young Brothers. A Hi-Lift, a type of container handler, loading an intermodal tank container holding approximately 6,000 gallons of propane onto a barge Kalaenalu headed to Kawaiahao Harbor on the Big Island was on fire. Driver escaped without any injuries. Honolulu Fire Department extinguished the fire. Evacuation of nearby businesses and marine vessels was conducted to protect public safety due to the potential explosive risk. Pier 40 and the harbor was impacted with oil from the Hi-Lift. Cleanup was conducted. Propane tank's integrity for transport was assessed prior to it being transported to AmeriGas in Kapolei; tank's contents were safely off-loaded.



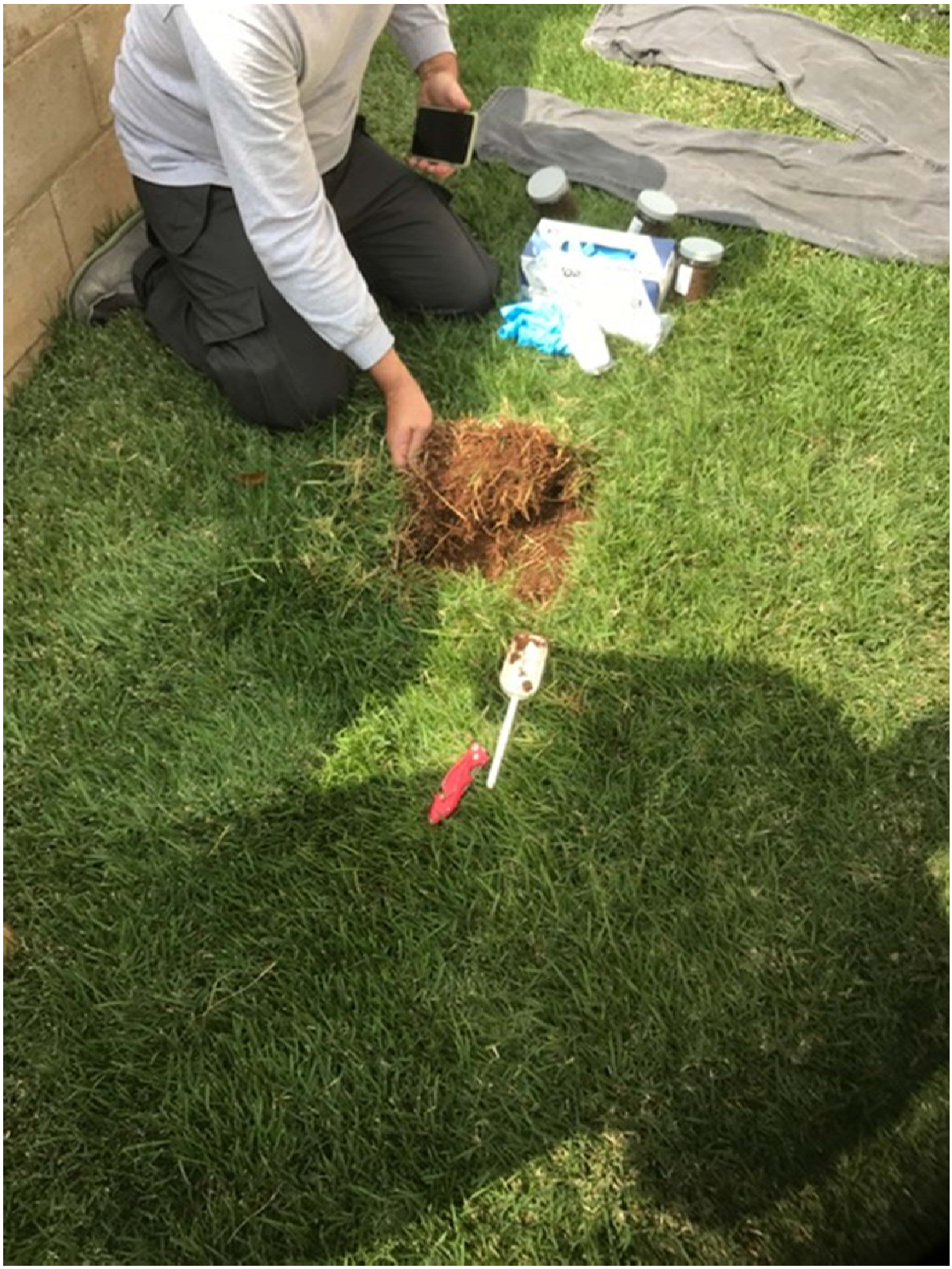
On November 23, 2016, colored water extending approximately 300 feet at a channel was reported. Approximately 6,195 gallons of discolored water along with approximately 10 cubic yards of debris was removed from the channel which is under the jurisdiction of the City and County of Honolulu Road Maintenance.

On July 2016, Maui Soda and Ice Works released ammonia due to an electrical spike causing the equipment to overheat which in turn caused a relief valve to release pressure. The company attributed that attending an earlier training taught by the Ammonia Safety and Training Institute hosted by the HEER Office prevented a larger release of ammonia.

On September 22, 2106, at the BEI facility in Hilo, a chlorine gas cylinder was leaking. BEI personnel and Hawaii Fire Department responded. A containment vessel was used to contain the cylinder, but the vessel also leaked. The cylinder was put into a water bath to prevent the chlorine gas from releasing into the air. The cylinder was emptied and the chlorine water was tested and disposed of accordingly.

On May 6, 2017, a warehouse on Moowaa Street had several reports of a gas leak smell. Honolulu Fire Department arrived on scene and along with HEER office personal. The source was determined to be a container of ethyl mercaptan, which was thought to have been empty. The leak was secured and the container was then transported off scene to be repaired.

On February 1, 2017, a child was identified with high lead levels in their blood. Working with the public health nurses from the Dept. Of Health, the HEER office helped to take samples from in and around the residence of the child to investigate possible sources of lead.



On June 30, 2017, a single engine Cessna plane made an emergency crash landing into Moanalua Stream near Moanalua Gardens. The plane had an estimated 35-50 gallons of fuel at the time of the crash. Honolulu Fire Department, airport fire rescue, HEER and police were among the various State and Country agencies to respond and unify in response. Everyone board the plane was rescued. The scene was secured and the freeway was accessed for damage. The plane was removed after the response and investigation.

Hazard Evaluation Actions and Studies

Key Human Health and Ecological Risk Studies

The HEER Office Hazard Evaluation (HE) Section provides human health and ecological risk assessment, conducts toxicological assessments of chemical threats to human health and our unique tropical ecosystem, establishes appropriate cleanup levels for chemical contamination, and assists the public with information concerning the health effects of chemicals. In addition, Under the authority of Section 321-311, HRS, Environmentally-Related Illness and Injury Surveillance, the HEER Office is required to collect information, including electronic laboratory test results, on Pesticide and Heavy Metal Poisoning.

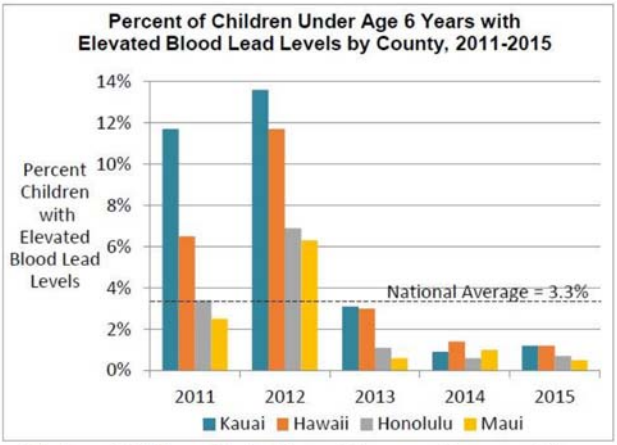
Health Surveillance for Environmental Factors

In FY2017, 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. In addition to inquiries from concerned members of the public, HEER provided active, expert technical assistance to other DOH programs as well as state and local agencies.

Identifying the Need to Rebuild Hawaii's Childhood Lead Program

In 2003, CDC cut funding for Hawaii's childhood lead programs, leaving the state without resources to provide active surveillance of incoming blood lead test results. As a result, for more than a decade surveillance of childhood lead poisonings had been limited to responding to patient and physician requests for assistance.

As an agency, DOH recognizes the importance of identifying and managing cases of lead poisoning in Hawaii, especially after the Flint, Michigan crisis linked to leaching of lead from corrosive pipes. Even one case of lead poisoning is too much. In 2016, despite a lack of program funding or automated tools to interpret the complex data feeds sent to us by reporting laboratories, HEER and DOCD analyzed all children's blood lead levels over the period from 2011-2015.



Data from DOH, Hazard Evaluation and Emergency Response Office, 2017. Blood lead levels at or above 5 micrograms per deciliter (≥5 mcg/dL) are considered elevated.

The data for 2011 and 2012 showed unusually high percentages of children with lead levels between 5-9 ug/dl, as well as some significant differences between lead exposures by island during the same time period. Because of the lack of active surveillance during the time frames of concern, the Department could not identify the causal factors for the spikes observed. These findings were shared with the public and state legislators.

Keys Steps Underway to Increase DOH Capacity to Reduce Lead Exposures and Protect Hawaii's Keiki from Lead Poisoning

In FY17, HEER worked closely with Maternal and Child Health and the Indoor and Radiological Health Branches to develop a coordinated plan to expand DOH's ability to rapidly identify and respond to lead poisoning cases with automated tracking tools and additional staff resources.

1. Automated Surveillance Partnering with Public Health and Indoor and Radiological Health Branches

Consulting closely with our DOH Public Health partners, a decision was made to integrate surveillance of incoming heavy metal test results into Maven, the same sophisticated tracking system used by DOH's Disease Investigation and Outbreak Division and Sexually Transmitted Disease programs to identify, track and treat disease outbreaks. In FY17, using funding from the ERRF and the EPA State Response Program grant, HEER worked with the developer to design and begin implementation of the Hawaii Maven lead model. The lead model is currently being tested by the HEER database manager and toxicologist. The new application will allow for

active identification and management of lead poisoning cases in Hawaii.

Cross training across DOH programs including Public Health Nursing Branch, Children with Special Health Needs Branch and the Indoor and Radiological Health Branch will ensure that children and adults with elevated lead levels will get the management and assistance needed to reduce the overall lead burden in Hawaii.

2. CDC Award funds critical lead surveillance positions

In part due to the enhanced childhood lead surveillance activities of the HEER office, the DOH Children with Special Health Needs Branch has been awarded $361,956 through a three-year cooperative agreement funding from the U.S. Centers for Disease Control and Prevention for the Hawaii Childhood Lead Poisoning Prevention Program (HI-CLPPP). Using this CDC funding, HEER will be able to fund a temporary, unbudgeted, full-time epidemiological specialist to coordinate closely childhood lead activities.

3. Legislature Provides Permanent State Funding for New HEER Epidemiologist Position

In addition to the funding provided by the CDC, the Hawaii State Legislature authorized a new Epidemiology position by Act 49, SLH 2017. The Epidemiologist II to be established, will develop, lead, and conduct epidemiological investigations to identify and investigate environmental health concerns by collecting, analyzing, interpreting, and reporting available health data to evaluate whether public health is being harmed.

Environmentally Related Illness and Injury Reporting and Surveillance 2016 Reporting Results

For calendar year 2016, 15,590 children ($\leq$ 6-year-old) were tested for blood lead levels. Two hundred and five had an elevated blood lead level between 5-9 ug/dl. Another 29 children had an elevated lead level of $\geq$10 ug/dl. The percentage of children with a lead level $\geq$ 10 ug/dl was 0.18% below the national level of 0.5%. Addresses of children with elevated lead levels have been provided to HUD funded programs in the City and County of Honolulu and the neighbor islands to ensure that landlords receiving state or federal rental subsidies comply with lead based paint requirements.

CDC Warning about Faulty Lead Test Results

In May of 2017, the U.S. Food and Drug Administration and Centers for Disease Control and Prevention warned Americans that certain blood lead tests manufactured by Magellan Diagnostics may provide inaccurate results for some children and adults in the United States. The CDC recommends that parents of children younger than six years (72 months) of age and currently pregnant women and nursing mothers at the time of this alert who have been tested for lead exposure consult a health care provider about whether they should be retested.

The point of care Magellan Diagnostic equipment for blood lead testing is used extensively in Hawaii by the major commercial laboratories. DOH worked with the local labs to ensure that they were aware of the FDA advisory. Other activities included outreach to local medical organizations and press releases informing the public of the advisory.

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.

HEER Addresses Statewide Pesticide Concerns

In response to ongoing community concerns as well as recommendations made by the Kauai Joint Fact Finding Group, the DOH and Hawaii Department of Agriculture (DOA), in partnership with other state and federal agencies, have launched three key statewide pesticide initiatives that can be accomplished in the next 12 months.

Environmental Sampling

Surface Water Sampling- To expand upon the 2013-14 DOH/DOA surface water study, DOA has signed a Memorandum of Understanding with United States Geological Survey (USGS) for a $500,000 surface water quality study. Surface water on Oahu and Kauai was sampled for pesticides before and during storm events to evaluate whether pesticides are moving offsite at unacceptable levels

One hundred and fifty-two candidate sites were considered on Kauai and Oahu, with 57 sites meeting criteria for drainage area, land use and previously collected data. Forty-six samples were collected between September and March at 35 locations using a variety of sampling methods. Samples will be analyzed for 226 current-use pesticides compounds at the USGS laboratory in Denver. Planning is underway for the second year of the study. The study design will include Hawaii and Maui Counties, and will further investigate areas of concern based on 2016-17 sampling results

Interim results will be released after the first year of the project.

Air and Dust Sampling DOH and DOA recognize that airborne dust and pesticide drift are important community concerns. A pilot study conducted by the University of Hawaii and reported in 2013, did not find pesticides in the air next to seed corn operations at health levels of concern. The Agency for Toxic Substances and Disease Registry (ATSDR) has recently weighed in on this issue. In their response to a citizen's request for a public health assessment, ATSDR concluded that environmental air monitoring is unable to accurately define the extent of a community's exposure to agricultural pesticides due to application variables and weather. Because of the complexity of the issue and the difficulty in gathering definitive data, the State is currently seeking recommendations from the US Environmental Protection Agency (EPA) on how to address community air concerns.

Emergency Response Exercises and Training for Pesticides

The state recognizes that effective interagency response to emergencies begins with preparedness. Strong internal and external working relationships will help to ensure public trust and promote an effective interagency response in the event of a high-level pesticide incident. To strengthen and build upon existing relationships and enhance preparedness, DOA and DOH are planning a statewide pesticide exercise through the Hawaii State Emergency Response Commission with other organizations including with the Fire Department/ HAZMAT/EMS, Department of Education (DOE), Hawaii Occupational Safety and Health (HIOSH) and county representatives. A proposed scenario involves a pesticide exposure at a school which will include environmental, community and medical response planning, including DOH's Emergency Medical Services and Injury Prevention System Branch. In September, 2016, a proposal for workshops and table top exercises in each county was presented to the Hawaii State Environmental Response Commission.

The contract and scope of work is in place to conduct a table top exercise for the pesticide scenario for the Fall of 2017 on Oahu and the neighbor islands.

In meeting with the Hawaii State Emergency Response Commission, the Fire Departments identified homeowner misuse as a major cause of 911 pesticide calls. Through HSERC, DOH worked with the Fire Battalion Chief to obtain all malathion nuisance and ambulance calls for Oahu. The Hawaii Fire Department reported 9 responses to residential misuse events in 2016, one impacting an elementary school.

Public Health Education and Outreach

Acute Pesticide Exposure- Migrant Clinicians Network, Recognition and Management of Pesticide Poisonings
DOH and EPA support clinician training for acute pesticide exposure to improve outcomes in local communities. As a result of ongoing community concerns about potential pesticide exposures associated with large agricultural operations, EPA contracted with the nonprofit Migrant Clinicians Network to provide clinical training for acute pesticide recognition and management at Kauai Veterans Memorial Hospital March 6, 2017, providing training to 84 attendees including physicians, nurses, EMTs, fire department, school personnel and agricultural employees. On March 7, 2017, the same training was co-co-sponsored by Hawaii Emergency Physicians Association and provided on Oahu to 45 attendees, including emergency room clinicians and EMTs. DOH partnered with EPA and the MCN to handle local outreach and logistics for the trainings.

Symposium on Children's Environmental Health.
The Hawaii Department of Health used Section 128(a) Response Program funding and received support from EPA's Children's Environmental Health Program to hold a free symposium focusing on children's environmental health risks in March 2017.

The symposium was attended by 111 attendees including pediatricians, nurse practitioners, family practice clinicians, public health nurses, researchers, and public health educators. It was sponsored by the Hawaii Department of Health and Western

States Pediatric Environmental Health Specialty Unit in partnership with EPA Region 9, the University of Hawaii School of Nursing and Dental Hygiene, and the John A. Burns School of Medicine, Department of Pediatrics. The symposium educated attendees on the environmental burdens commonly found in children, explained how these burdens can impact children's health, and informed local professionals on what they can do to address children's environmental health problems in the communities they work with.

Hawaii Poison Center (HPC) The HPC operates a 24/7 hotline to assist residents and health care providers. DOH receives data from the HPC on the number and types of acute pesticide poisonings. The HPC is mandated by legislation and is under the auspices of the Hawaii State Emergency Medical Services and Injury Prevention System Branch. Annually, the center receives over 9,000 information and poisoning exposure calls from residents and health care providers throughout the state. Services are provided free of charge every day of the year, 24 hours a day by registered nurse specialists, pharmacists, and physicians specially trained in medical toxicology. The center is operated by the Rocky Mountain Poison Center, Denver, Colorado, an accredited regional poison center by the American Association of Poison Control Centers (AAPCC). The HPC toll-free number is 800-222-1222. As of March 2017, physicians may now report pesticide-related illnesses to the Hawaii Poison Center at 800-222-1222, who will inform DOH on the provider's behalf and provide 24/7 medical advice for management of suspected pesticide exposures.

Per Hawaii Law HAR 11-5, physicians and laboratories must report known or suspected pesticide-related illness and injury to the Department of Health within 24 hours. Historically, this has not happened and the Department has relied on receipt of electronic test results from laboratories.

To facilitate reporting, DOH has contracted 24/7 services with the Hawaii Poison Center (HPC), added resources and a new fillable, reporting form at: http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/Pesticide-Illness-Reporting

EMS/Physician Training on Hazardous Chemicals Alvin C. Bronstein, MD, DOH EMS & Injury Branch Chief and former Director of the Rocky Mountain Poison Center, held an EMS/Physician Training on Hazardous Chemicals in partnership with Kapiolani Community College and the Louisiana Poison Center that was attended by 40 people, representing all islands. Additional pesticide-specific trainings for each of the counties are currently being developed/considered.

Agency for Toxic Substances and Disease Registry (ATSDR) DOH is conferring with the ATSDR on pesticide-related community health concerns raised on Kauai. In their recent response to a citizen request for a public health assessment ATSDR identified a need for education of the local health care community, and have offered to provide assistance.

Birth defects Director Pressler and her staff traveled to Kauai in August, 2016 to meet with west-side physicians to investigate discrepancies they have identified in the birth defects registry report. The birth defects surveillance system in Hawaii is an active surveillance system in which birth defects data are directly abstracted from medical records at hospitals and other medical facilities statewide. Direct reports from doctors are also accepted, and can be an important way to ensure all birth defects cases are recognized and entered

Work done to date by the HEER Office on pesticide concerns can be found at: http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/pesticides

Site Discovery, Assessment, and Remediation Cleanup Highlights

Re-development of Contaminated Properties

As significant re-development is occurring on all the islands of Hawaii, the HEER Office continues to focus resources high priority hazards and development projects that change land uses or may otherwise disturb historic contamination that could pose new threats to human health and the environment. With streamlined guidance and proper oversight, HEER provides key support multiple development projects to be performed safely While providing long term protection for communities. For FY2017, 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. Thanks to multiple staff hires, the oversight of low priority sites can finally be addressed as project managers are trained and mentored.

Sites Evaluated for Removal and Remedial Actions

Property owners, responsible parties, and prospective purchasers frequently contact the HEER Office to report releases of hazardous substances, pollutants or contaminants as required by HRS 128D and to assess and manage hazardous substances, pollutants or contamination affecting properties in which they have an interest.
Our general and federally funded state remedial project managers (RPMs) evaluate information provided, and direct investigations to determine the nature and extent of contamination and, if necessary, require remedial actions to protect human health and the environment. To date, 956 sites have been identified and investigated by the SDAR section. During FY2017, the SDAR section, issued a total of 26 No Further Action Letters (11 Unrestricted Use and 15 with Institutional Controls) for State led sites and 10 No Further Action Letters for Military Sites.

Responsible Party Cooperation

The Hawaii Environmental Response Law, HRS 128D, requires responsible parties and property owners to investigate and clean up contamination under the regulatory oversight of the HEER Office. The HEER Office has the authority to issue orders to require investigation and cleanup of properties that pose an imminent threat to human health or the environment. In instances where there is no responsible party or the responsible party fails to take action, ERRF funds may be expended to complete cleanup activities to protect human health.
The HEER Office strives to work cooperatively with responsible parties and property owners, identifying potential hazards and directing investigation and cleanup activities. This collaborative, partnership approach results in more successful and timely cleanups, while conserving fund monies. In 2017, 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 four active VRP sites in the program. Only one application was received in FY2017.
Responsible parties with sites participating in the VRP pay the state for DOH oversight of their remedial activities.

Fast Track Program

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

the HEER Office to provide priority oversight for sites that pose low environmental risks. Forms and information on Fast Track Cleanups (FTC) designed to enable landowners or other private parties to conduct a voluntary investigation or cleanup under a simple agreement with the HEER Office are located at: http://eha-web.doh.hawaii.gov/eha-cma/Leaders/HEER/Fast%20Track%20Cleanup%20(FTC)%20Information
The most notable Fast Track site to date has been the International Market Place where the remedial action required has been completed and site has been fully re-developed. The No Further Action Letter with Institutional Controls was issued in FY17

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. Sites are identified by searching historical digital collections of state and national libraries, archives, and museums for maps, aerial photos, and oral histories to assist in locating areas formerly used to store, mix and load pesticides for distribution on sugarcane, pineapple and macadamia nut plantations. In 2017 the HEER Office identified 7 pineapple plantations mixing sites on Molokai, Maui and Oahu. A former macadamia nut planation on Oahu was investigated in the Round Top area. Since 2007, the HEER Office Site Discovery program has investigated 90 sites statewide, 23 sites have required additional investigations by the property owners. An additional 6 landowners will be conducting investigations with HEER Office oversight and 7 sites are being managed with caps or cover to prevent exposure.

Refining the Proactive Approach to Contamination State-wide

The biggest challenge we face in the HEER Office is that the majority of 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. What we have also found is that risk based closures are much more feasible to implement as there is limited landfill space in Hawaii and no on-island hazardous waste disposal. In response to these issues, 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. Lastly, it allows the HEER Office to manage the plethora of sites being managed long-term with Environmental Hazard Management Plans or other types of engineering and institutional controls. This enables HEER to maintain its services to the public. Here is a brief description of the three components:

Programmatic/Areawide Environmental Hazard Management Plans (EHMP):

There are several areas throughout the State that we know have significant contamination being left in place after remedies have been selected and implemented. Because the residual contamination may still pose a potential risk to utility and construction workers performing sub-surface maintenance and development activities, HEER has developed and provided guidance to these entities to protect their workers as they do construction in contaminated areas. This is the primary role of areawide EHMPs. EHMPs address areas where 1) the type of contamination has been determined through several site-specific investigations in the area and 2) the contingency plans for handling the type of contamination in question are well defined. By providing direction 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 hazards they may encounter. This enhances provides better worker safety and reduces the number of

incidents requiring response from HEER On Scene coordinators.

Extensive Public Outreach & Material Development:

Environmental Hazard Management Plans and other types of institutional controls are only as effective as the amount of awareness affected parties have. Public outreach and continuing education to all relevant parties (utilities, lenders, State departments, etc.) is required to reinforce what needs to be done and 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:

iHEER development was significantly curtailed by budget and administrative issues and the designs that were projected to be implemented did not take place. Renewed efforts will be made in the upcoming fiscal year to rectify the situation and complete the site migration that was planned in FY17. Once the initial data has been quality checked, the interface for presenting site status and documents electronically will be enhanced and ready for small scale testing.

Honolulu Rail Transit Project

As drivers along H-1 see every day on their morning commutes, the rail project is becoming a reality. The Honolulu Rail Transit Project (HRTP) 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 HRTP to ensure any contamination encountered during construction is managed safely, efficiently and in accordance with state law.

The HRTP includes construction of 21 rail stations, installation of hundreds of columns to support 20 miles of elevated guideways, 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. As previously reported, the Honolulu Authority for Rapid Transportation (HART) and the HEER Office, developed a Programmatic Environmental Hazard Evaluation (EHE) and Environmental Hazard Management Plan (EHMP) as a blueprint for contractors working within contaminated or potentially contaminated areas (Link http://eha-web.doh.hawaii.gov/eha-cma/documents/ee53f339-8db9-4930-8f1c-67d2d222fc65). HART began including the EHMP requirements in their contracting documents, so as new contractors joined the project in FY2017, they were held to these protocols.

To address environmental concerns in accordance with the Programmatic EHE-EHMP, oversight of the HRTP requires ongoing close coordination between the HEER Office SDAR Section and multiple other regulatory authorities. During FY2017, the SDAR Section worked closely with the Solid and Hazardous Waste Branch (SHWB), the Clean Water Branch (CWB), Indoor and Radiological Health Branch (IRHB), and the HEER Office's EP&R and HE Sections. At HEER Office direction, HART sends these programs weekly construction schedule updates. The HEER Office also worked closely with HART to complete research and implement innovative approaches to better delineate contamination at a future station.

During the first quarter, the HEER Office coordinated with the CWB when HART contractors encountered artesian conditions while drilling production shafts along Kamehameha Highway. Since the groundwater release occurred near old pipelines, it was initially reported to the HEER Office and CWB. Luckily, no release of contamination was observed, so HART contractors worked with CWB to update their best management practices and prevent future releases of groundwater. Communication between the CWB and HEER Office continued as HART began grading in additional, potentially contaminated areas near a stream.

During the second quarter, the HEER Office coordinated with HART, the Navy, DOT Highways, and the SHWB about plans to perform characterization at the Urban Garden Centers site. The Navy and the HEER Office were involved in the review because the characterization area includes part of a former military pipeline release site. DOT Highways was involved because land in this location will be used to expand the width of Kamehameha

Highway and accommodate traffic after rail is constructed within the roadway.

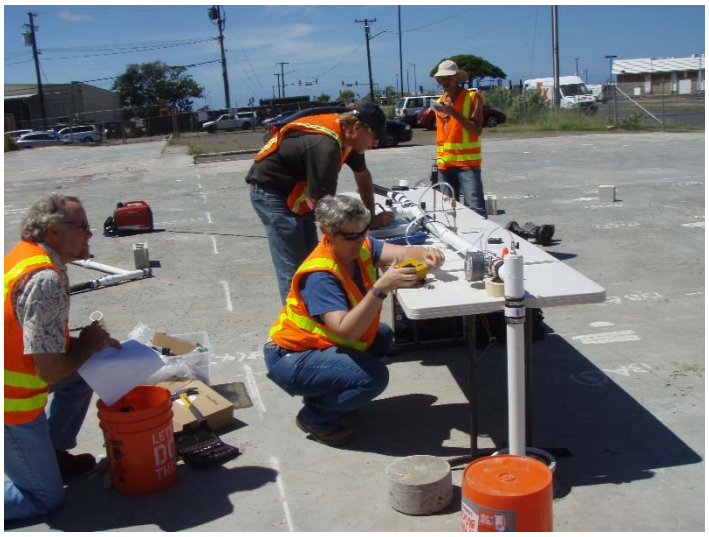
Much of the coordination this past year occurred during environmental work at various station locations. During the third quarter, the SDAR and EP&R Sections of the HEER Office responded to several releases related to unknown pipelines, unknown tanks/structures/cesspools, and asbestos-containing materials (ACBM) during station construction in the Pearl City Area. The SHWB and IRHB met with HART and the HEER Office to ensure the ACBM was managed safely, prudently, and cost-effectively.

Throughout this fiscal year, the SHWB and HEER Office also assisted HART with pre-construction environmental work at the Lagoon Station site. The Lagoon Station will be built on a former gas station that was already remediated and a former dry cleaner with known environmental problems. HART intended to complete characterization and remediation of the former dry cleaner site before construction began. This would simplify the management of the contaminated soil and groundwater for the construction contractors, increase construction worker safety, and save money charged by construction contractors for "special handling" of contaminated media.

Preparing the Lagoon Station site for construction was quite complicated. At the former dry cleaning site, HART and previous property owners had completed several rounds of sampling. Sample results indicated high concentrations of contamination from dry cleaning solvents were present in soil vapors, but soil and groundwater samples could not identify the source of the vapors. Vapors can cause problems for indoor air inside the future station and mechanical rooms that will be built at the site. However, it is not possible to remove the vapor problem until locating high concentrations of solvent source in soil and/or groundwater.

HART allowed the HEER Office HE Section to access the site to complete a large sample volume soil vapor research project. The data generated from the research project helped the HE Section document the value of large vapor samples, helped the SDAR Section confirm that there was a soil vapor risk at the site, and helped HART better identify the source location. Results received during the second quarter of the fiscal year confirmed a vapor risk and suggested that the vapor source was near the center of the site.

To better target source removal efforts and minimize the volume of soil that would be disposed, HART and their contractors developed an innovative 3-dimensional soil sampling approach. The SHWB and HEER Office worked closely with HART to review sample results and oversee removal actions at the former dry cleaner. Contaminated soil was removed in January 2017. To save more budget and prevent waste, excess soil from other rail project construction was used as fill to restore the site. In May 2017, HART submitted a Draft Remedial Action Completion Report for the SHWB and HEER Office to review. The site-specific EHMP included in the report will help construction contractors safely and efficiently manage the remaining environmental issues at the site.



Innovative Approach – DOH and Contractors Collect Large Volume Vapor Samples at the Former Al Phillips Site.

More Innovation – Rail Contractors collect 3-D Multi-incremental Samples at the Future Lagoon Station December 2017

Contractor Measures the Depth of the Excavation to Ensure Enough Contaminated Soil is Removed at Lagoon Station.

SHWB and HEER Office Oversight of Soil from Other Rail Construction Locations Used as Fill at Future Lagoon Station

Future Pearl Highlands Station January 2017 – HEER Office Coordinated with IRHB after Asbestos-Containing Material was Identified at this Site.

HEER Office SDAR and EP&R Sections Responded to Buried Structure and Sheen on Groundwater at Future Pearlridge Station

Unexploded Ordnance (UXO) Issues Throughout the State

UXO continues to be one of the main contaminants of concern throughout the State. Over the past decade, several Formerly Used Defense Site (FUDS) UXO investigations have taken place throughout the State, highlighting the number and severity of the UXO problem. Many of the areas being investigated are high-traffic areas by the public (Maunawili Trail, Hapuna Beach, Goat Island, Ahii Kinau, etc.) and as there is no way to ensure 100% clearance of a UXO site, these sites present a potential danger to the public at-large. The HEER Office has continued to be actively engaged in public outreach in the affected communities and with State and local authorities to inform the people of the hazards of UXO.

The HEER Office continues to partner with Federal, State and local entities to design signage that incorporates historic, cultural, and safety messages at high profile public venues like Hapuna Beach, Ahihi Kinau, and Maunawili Trail.

The HEER Office is in the final stage of revising its areawide UXO EHMP for the Waikoloa Maneuver Area and is scheduled to release it to the public in late 2017. Public outreach efforts will be done to increase awareness of the areawide EHMP to those in the affected area. Other FUDS will be targeted for areawide EHMPs to ensure protectiveness of the public and environment after removal actions have occurred.

The HEER Office continues to evaluate the need for a State-run UXO program and will be bringing in experts from across the country to train and educate HEER staff on the latest trends and technology.

Re-development of Various Properties Across the State

Because land re-use and re-development is critical when living on an island,, the HEER Office dedicates its time and resources to assist private parties in their endeavors. The most recent projects that have been completed or are close to completion include but are not limited to Symphony Park, International Marketplace, and the Honolulu Advertiser Building. In addition to these projects, the HEER Office has assisted the City and County of Honolulu in researching potential parcels for use as transitional housing.

The HEER Office has had a longstanding relationship with DBEDT and continues to assist DHHL, DOT, DOE, and other State departments in providing guidance and oversight for their projects (e.g.- Voice of America, Kapalama Container Yard, Radford High School). The HEER Office strives to assist its fellow State Departments in ensuring the safety of the sites and designing long

term remedies that allow for potential re-use/re-development.

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 2016 there were 69 high priority sites in the Hawaii State Response Program. Examples of major progress on high priority sites are described below:

Factory Street

The Factory Street Lead Site is a site with lead contamination in a mixed commercial/industrial area that was closed in the 1990s when the highest concentrations of lead were excavated and residual contamination was paved over to prevent exposure to residents and workers. The street (including the shoulder area) is a property with unknown ownership and therefore questionable assignment of responsibility for maintenance. The City and County maintains the street, but does not own it. HEER revisited the Factory Street Lead Site in2016, conducted a site walk, and made the determination that Factory Street needed pavement repair prevent potential exposure to high concentrations of lead. Owners and residents were contacted to determine actual property lines in an attempt to determine responsibilities for maintenance of the shoulder area. An exposed soil area was identified as posing a potential threat to human health and the environment and was tested by HEER Office personnel for lead using a modern (multi-increment) sampling technique for representative lead data collection and risk assessment, but was determined to have low lead concentrations. In March 2017, HDOH conducted a public outreach event to inform the residents in the area of the condition of the degrading road and potential for lead exposure, to update them on the planned path forward regarding remedial investigation and paving, and to provide information on how they can prevent children from being exposed to lead. The HEER Office prepared a sampling and analysis plan for assessment of the area to determine nature and extent more clearly vertically and horizontally, characterize risk to residents and utility workers, and determine waste disposal volumes and options. The Site Assessment was planned for and executed by HEER's non-emergency contractor in July 2017 and the plan presented to the public via the Kalihi Neighborhood meeting and notices to owners and residents in the assessment area.
The HEER Office initiated discussions with different departments of the City and County of Honolulu in 2016 to ensure safe working and living in the area. In response, the City and County patched the travel way of the road in the area of highest lead concentrations. Identification of responsibility for the release and maintenance of the street and shoulder areas is ongoing. Near future plans for the street were an interim action (paving) and an Area-Wide EHMP for the Area that is being prepared by the HEER Office. The EHMP will enable the City and County to conduct paving and water and sewer line replacement in a safe manner.

Radford High School Track & Field and Makalapa Elementary School

EHMPs for both schools have been submitted and implemented ensuring the protection of students and faculty. A Remedial Investigation on the Makalapa campus and uninvestigated areas on the Radford campus by the US Army Corps of Engineers to determine the nature and extent of the buried debris is complete and a report of its findings is projected to be ready by the end of 2017.

Iwilei Areawide 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/Dole Cannery Building Site, Oahu
A Remedial Alternatives Analysis is slated for the Dole Cannery building as the pilot test of the soil vapor extraction unit has proven to be successful. The HEER Office is currently engaging Weston Solutions in discussions related to the long-term management/end point for the site post-remedial action.

Iwilei District Participating Parties (IDPP) Enforceable Agreement for Areawide Contamination
The Iwilei District Participating Parties (IDPP), LLC, has completed intensive investigation and early cleanup actions for their areas of responsibility in Honolulu Harbor. Public participation and remedy selection is now complete for all major Operable Units (OU).
IDPP continues to implement the remedies and response actions 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.
The HEER Office continues to oversee the long-term management of all the OUs and continues the following ongoing activities to ensure the protectiveness of the remedies selected.

- Site-specific EHMP implementation for investigated areas and Areawide EHMP implementation on areas where no investigation has taken place.
- Partnership with DOT to provide guidance for new tenants as they perform intrusive activities near any of the OUs
- Continued outreach to affected stakeholders. 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. 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.

Continued oversight of Federal Facilities on the National Priorities' List (Pearl Harbor Naval Complex & NCTAMS)

Pearl Harbor Sediments

The Remedial Investigation and Feasibility Study (FS) identified various areas with sediments contaminated with total PCBs and metals and remedial alternatives were evaluated and proposed.
The preferred remedial alternatives identified in the FS evaluation, and presented for public comment in a Proposed Plan and Restoration Advisory Board meeting were as follows:

SE-1 (Southeast Loch) - Focused Dredging with Enhanced Natural Recovery (ENR), Activated Carbon (AC), and Monitored Natural Recovery (MNR) (20 years)
N-2 (Oscar 1 and 2 Piers Shoreline) - ENR with MNR (10 years)
N-3 (Off Ford Island Landfill and Camel Refurbishing Area) - ENR
N-4 (Bishop Point) - ENR
E-2 (Off Waiau Power Plant) - Focused Dredging with MNR (10 years)
E-3 (Aiea Bay) - MNR (10 Years)

Based on available data collected in a 2017 field investigation, the remediation footprint in various areas for different technologies have been refined. Dredge volumes have been reduced from 24,000 cubic yards (cys) to 18,000 cys for SE-1 and 7,800 cys to 4,200 cys in areas off E-2 in East Loch. Areas for ENR (placement of thin-layer of sand to enhance natural recovery) is reduced from 39 acres to 29 acres. Estimated total cost for the preferred remedial alternatives has been refined to $49.3 million from the original $60.6 million cost. Additional potential cost-savings is pending based on data that is in-progress from the remedial design field investigation. The Navy will finalize the report documenting the result of the additional remedial design field investigation.

The Navy submitted the draft Record of Decision (ROD) for regulatory reviews and has addressed all regulatory comments. Currently, Navy is preparing the draft final ROD which will be available for review by internal Navy technical team, legal, and regulatory partners. Navy will incorporate the results of the additional remedial design field investigation into the Draft Final version of the ROD for review by regulatory agencies including EPA's Administrator, National Remedy Review Board and Contaminated Sediments Technical Advisory Group.

The Navy continues the under-pier Treatability Study in SE-1 to evaluate the effectiveness of activated carbon amendment. The progress of the TS has been monitored by EPA and DOH.

The Navy continues to work with EPA and DOH to ensure that the communications with HECO (as the potentially responsible party) continue to progress for the Waiau Power Plant final remedies.

Former Aiea Laundry Facility:

The Remedial Investigation and Feasibility Study (RI/FS) for this site has focused on four principal investigation areas:
Former Aiea Laundry Facility area (i.e., the "Laundry Area"): a paved 1.25-acre parcel that was the location of a former Navy laundry,
St. Elizabeth Church and School property: borders the Laundry Area to the north
Backyard Area: a 2-acre partly paved, partly grassy Navy-owned open lot bordering the Laundry Area to the northeast

Nearshore Area/Intertidal Zone: area along Pearl Harbor's Aiea Bay shoreline, a mostly open-space area approximately 1,300 feet southwest of the Laundry Area The Laundry Area is currently used as a parking lot by the St. Elizabeth Church and School, which is an active institution. The Backyard Area is currently unused, and the Nearshore Area/Intertidal Zone is used for recreation.

Contamination was found in groundwater and soil vapor; off-site migration has occurred.
The impact to groundwater is within an acceptable risk range and contamination is being attenuated in the environment. No remedy is necessary to protect human health and the environment since the groundwater is non-potable, detected contamination is at levels that do not pose an ecological risk, and the human health risk assessment did not identify any unacceptable risks to current or future receptors. Groundwater data show that contaminants are being degraded onsite. Groundwater monitoring will be conducted periodically to confirm that the reduction in contaminant concentrations continues.

Risks associated with soil gas is acceptable at the site and off-site areas (i.e., St. Elizabeth Church and School). Based on the Treatability Study, the soil vapor extraction system is effective in managing the contaminant migration toward the St. Elizabeth Church and School and is reducing contaminant mass in both the Laundry Area and the Backyard Area. Further action was recommended to address soil vapor at the Laundry Area and the Backyard Area for potentially unacceptable risk to a future hypothetical residential scenario should vapor intrusion occur. The preferred remedial alternative, identified in the FS evaluation and to be presented for public comment in a Proposed Plan and Restoration Advisory Board meeting, is Targeted Soil Vapor Extraction, Monitoring, and LUCs.

East Gulch Disposal Area, NCTAMS PAC *2015 Action Memorandum to document for the Administrative* Record (AR) and 2017 Status Update, the decision by the United States (U.S.) Department of the Navy (Navy), Naval Facilities Engineering Command, Hawaii, to undertake a time-critical removal action (TCRA) to address debris and probable contaminated soil on the mid-to-upper slopes of the East Gulch. The waste materials discovered (empty degraded drums, vehicle remnants, military and vehicle batteries, etc.,) were dumped over the edge of the hill, falling down the slope and into the gulch. During a 2010 Site Inspection (SI), discrete surface soil samples were collected in downgradient areas of the waste material. Soil sample results indicated total petroleum hydrocarbons (TPH)-diesel range organics and TPH-lube oil range organics, polynuclear aromatic hydrocarbons (PAHs), and metal levels exceeding screening criteria in the samples collected. Due to these exceedances, the Navy performed an addendum to the SI to determine whether the contamination from these past disposal practices had migrated to the soil and stream at the bottom of the site. Surface soil samples, surface water samples from Poamoho Stream and sediment samples were taken and the results from the SI Addendum revealed no exceedances. And because of the outcome, the Navy proposed no further action for the lower portion of the site near to the stream. Prior to conducting a Remedial Investigation (RI) for the mid to upper gulch slope, debris removal was necessary to allow access to soils beneath. Approximately 3 acres were surveyed for vegetation clearance. In April 2016, vegetation and debris were cleared on the steep slopes prior to collecting soil samples. Spider excavators were used for this effort and a crane lifted materials for disposal to the top of the gulch. Incremental Sampling Method (ISM) confirmation sampling was performed. The samples were analyzed for PAHs, polychlorinated biphenyl (PCBs), chlorinated pesticides, gasoline and residual range petroleum hydrocarbons, and metals. The soils exceeding site cleanup levels (RSLs and EALs) were excavated and once confirmation samplings exhibited that the cleanup goals were met, hydro mulch with an organic tackifier were used to restore and stabilize the exposed soil areas. The site is presently being monitored until vegetation grows back.

Approximately 69 tons of debris was separated for disposal. Five 95 gallon overpack drums of batteries were recycled at Burlington Environmental, in Kent, WA. Asbestos-containing materials and other mixed debris waste were disposed of at PVT landfill in Nanakuli. Tires were disposed of by Unitek Solvent Services, Inc. The 15 excavated drums of soil, along with other waste streams that were characterized as hazardous waste were transported and disposed of at Burlington Environmental in Kent, Washington. Now, with the completion of the TCRA, the confirmation sampling results will be included in the RI report being prepared for the site. The draft report will be available in late 2017.
Multiple Record of Decision (ROD) documents signed

During FY 17, six sites within the Pearl Harbor NPL had RODs that were signed and completed. Among those sites were:

1. JBPHH, Lualualei Annex, Old NRTF Landfill (draft final reviewed)
2. JBPHH, NMC EAD DPH, West Loch Annex, West Loch Otto Fuel Waste Storage Area (signed final)
3. JBPHH, Wahiawa Annex, Site 21, Abandoned Firing Range (signed final)
4. JBPHH, Pearl City Peninsula, Open Area Near Building 992 (signed final)
5. JBPHH, Lualualei Annex, Site 23, Building 4 Sump (signed final)
6. JBPHH, West Loch Annex, Vehicle Maintenance Facilities Site (signed final)

Three other sites were given a No Further Action determination:

1. JBPHH, Public Works Center GSA, Former Makalapa Pesticide Rinsate Pit
2. JBPHH, Wahiawa Annex, Above Ground Storage Tank Spill at Former Building 63
3. JBPHH, Shipyard Geographic Study Area, Area North of Building 1754

State Oversight of Military Munitions Response Program Sites (MMRP)

The MMRP was created in 2001 and involved all branches of the military creating an inventory of formerly used/closed ranges across the country and its territories. These sites were put into the CERCLA process and are currently being addressed by the respective branches. Sites on properties that are no longer under the control of DoD and were transferred prior to October 17, 1986 are handled by the US Army Corps of Engineers under the Formerly Used Defense Site Program (FUDS). The majority of the MMRP sites currently under investigation in the State are part of the FUDS program (37 active projects). The most prominent of those sites are listed below:

Waikoloa Maneuver Area

The Waikoloa Maneuver Area is the largest FUDS site in the nation (120,000+ acres), with a cost of $700+ Million to complete. The annual operating budget for WMA is $10 million, it will take decades to complete. The site is sectioned into 22 different areas/sectors. This year the US Army Corps of Engineers are in the final stages of completing 8 areas and has fully completed one of the areas. A number of USACE contracts have been awarded in this area. In the coming year, we will be seeing many of the projects moving towards completion.

Unexploded Ordnance Conference

On November 30, 2016, the Hawaii Department of Health (HDOH) sponsored its first Unexploded Ordnance (UXO) conference titled "Solving the UXO Conundrum" it was held on the Island of Hawaii. The conference was well attended by Federal, State, County officials, property owners, resort owners/managers, elected officials, munitions contractors, and the interested public. The conference key note speakers were James C. King, Department of Defense, Director for Munitions and Chemical Matters; Brian Stepp, Vice President, Munition of Explosive Concern Division GSI. The event featured number of senior government speakers on interactive panels, fielding questions from the audience. The attendees to the conference were directors, chairpersons, deputies, chiefs, and supervisors from various Federal, State, County and private agencies. The conference addressed the US Army Corps of Engineers process for clean-up of the formerly used Defense Sites Areas (FUDS) and what is the level of acceptable risk for people to work and live in these FUDS. A draft Area Wide Environmental Hazard Management Plan (AEHMP) for the Waikoloa Maneuver Area (WMA) was presented to the audience. The purpose of this redraft was to incorporate the input and concerns from the conference and improve the Area Wide Environmental Hazard Management Plan (AEHMP) for the Waikoloa Maneuver Area (WMA) as a user-friendly guidance document. The AEHMP is critical in addressing the funding issue for affordable housing projects within the Waikoloa Maneuver Area.

Development of Other Programmatic Approaches to Managing Areawide Contamination Across the State

In addition to the Iwilei Areawide EHMP, HEER has developed new Areawide EHMPs in areas on the Big Island and Maui. A draft of the Kahului Harbor EHMP was completed in May 2016 with a finalized version to be completed by November 2016. A draft Waikoloa Maneuver Area EHMP has been reviewed by the US Army Corps of Engineers and went out for public comment after being previewed at the UXO Forum.. Other areas such as Hilo Harbor are being evaluated to determine whether an areawide EHMP is appropriate to address widespread contamination.

Petroleum Oil Terminal Environmental Hazard Management Plans (EHMPs)

Because the UST Section of the SHWB only regulates UST and not ASTs, the HEER Office manages active fuel

terminal sites to investigate previous and current releases. Two of the terminal sites in Honolulu are the Former Chevron Honolulu Terminal Marine (HTM) and the Former Shell Honolulu Terminal Site. The former transitioned in 2016 from Chevron to Island Energy Services (IES), LLC. The latter is currently operated by Aloha Petroleum. Both sites had releases over many years and are operating remedial systems. Chevron prepared a Remedial Endpoint Analysis for the HTM which is currently being revised after discussions with the HEER Office and seeks to stop active remediation, but is operating under an approved EHMP. An EHE/EHMP has been prepared for the Former Shell Terminal but not approved due to data gaps in the Conceptual Site Model (CSM). During this fiscal year, for both sites semi-annual monitoring reports were prepared. An LNAPL Transmissivity Study was prepared for the Shell Honolulu Terminal in October 2016 to close the data gap regarding mobility of LNAPL at the site. A work plan for sub-slab vapor assessment was prepared to close the data gap to assess risk for potential vapor intrusion at that site for a building close to the main mass of LNAPL at the site. The vapor assessment was conducted in June 2017.
Interim site-specific EHMPs have also been drafted for former Chevron (Now Island Energy) petroleum oil terminals in Kahului Harbor on Maui, Hilo Harbor on Hawaiʻi Island, and at Port Allen on Kauaʻi. Aloha Petroleum has also drafted Interim site-specific EHMPs for their terminals in Hilo, Hawaiʻi Island and in Kahului Harbor on Maui. The EHMPs serve as comprehensive summaries of all known soil and/or groundwater contamination issues at the terminal sites and provide details on plans for cleanup or management of oil contamination known. The EHMPs also provide an analysis of existing data gaps to be addressed in the future or as opportunity may allow. We anticipate periodic meetings with the three major oil companies to continue to update/revise and fill data gaps identified in the initial Interim EHMPs for these facilities.

Industrial Harbor Areas and Hazard Characterization/ Pollution Pathways Data Compilation and Mapping
In 2016-2017, the HEER Office worked on the development of a database summary and GIS mapping initiative focused on industrial harbor areas. The goal of this project is to provide a useful management and planning tool that addresses known/historic contamination details, the presence of large chemical storage tanks and transport pipelines, as well as various potential pathways for spilled or leaked chemical to travel "offsite" from facilities or to the ocean. Kahului Harbor was chosen to develop a model that could then be applied to the other harbors in the state. The initial Kahului Harbor data summaries and maps were completed, and they will be further refined and amended as the HEER Office utilizes this resource and additional information becomes available. Hilo Harbor has been selected as the second harbor area of data compilation and mapping, and this work is underway. This information will also provide important support for the development and targeting of areawide EHMPs within the harbor areas. The EHMPs will in turn provide environmental hazard and planning information for utility companies and others who may be digging in public rights-of-way or on private easements in the harbors and encounter contaminated soils or groundwater.

Brownfield Success Story: Cleanup Completed in FY2017 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 was present in areas of about one quarter of an acre to a depth of up to 10 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 called for excavation of all contaminated soils above relevant DOH environmental action levels and disposal at the West Hawaii sanitary landfill. A detailed work implementation plan was approved by the HEER Office in June 2015, and 2,685 tons of contaminated soil was removed from the site and placed in the West Hawaii landfill by May 2016. This site received brownfield funding for the initial soil investigation, and HICDC utilized a substantial loan from

the Hawaii Brownfield Revolving Loan Fund to complete the soil removal action.

Above: Limits of Excavation in Deep Contaminated Area, April 2016

Above: Grass Stabilizing the Final Restored Site, June 2016

The excavated site was filled with clean soil and restored with a grass cover by June 2016. HICDC received a "No Further Action" letter from the HEER Office in September 2016 for closure, and the site will be suitable for future unrestricted use, including residential development.

Update of Vog-related health and protective measures information for the public, and posting of a new Interagency "Vog Dashboard" as public resource

The HEER Office worked with USGS and the International Volcanic Health Hazard Network (IVHHN) to review and update existing public information on volcanic emissions (vog) and protective measures that was available from state and local organizations. Three primary updated resource documents were created – a 12-page booklet, a 3-page flyer, and a poster – to convey the updated vog public health messages. A small professional design firm assisted to help make these documents attractive and easy to read for the general public. These documents were posted on a new vog dashboard website (http://ivhhn.org/vog/vog-fact-sheets) and hard copies were planned to be printed for distribution throughout key sites on Hawai'i Island for public access.

The HEER Office also participated with other partners including USGS, the International Volcanic Health Hazard Network (IVHHN), the National Park Service, US Department of Agriculture, Hawai'i Civil Defense, Hawai'i County, and the UH Hilo Center for Active Volcanoes in developing and posting a new comprehensive vog dashboard website (www.ivhhn.org/vog) that brings together a wide variety of information on vog, including links to monitoring and weather sites, available fact sheets and other guidance material on protective measures, agricultural impacts/concerns, water catchment-related impacts, peer-reviewed scientific papers on health effects, etc.. This is intended as a "one-stop" site to locate the quality information about vog and links to a number of important vog-related resource websites.

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 and SRP funded staff positions and expert consulting prepare state-of-the-art technical guidance for the investigation and cleanup of contaminated properties. The complete on-line Technical Guidance Manual is found at: http://www.hawaiidoh.org

HEER Office Technical Guidance Manual (TGM) Updates

Updates to the on-line HEER Office Technical Guidance Manual (TGM) which provides direction to environmental consultants and other interested parties on strategies and methods for assessment, remediation, and closure of chemical release sites continued in FY16. Major updates to Sections 3, 4, 5, and 8 of the TGM covering Decision Unit and Multi Increment sampling strategies and methods for soil and sediment as well as field screening methods for contaminants were posted on-line for stakeholder review and comment in January 2016, and revisions and additional guidance based on comments received were made in subsequent months. The final Section updates were scheduled for posting online in the fall of 2016. Plans were also made to work on updates to TGM Section 6 covering Groundwater

Monitoring, as well as a new TGM Section on Environmental Risk Assessment for Nearshore Marine Environments in FY2017.

Large Volume Purge (LVP) Sampling

As described in the section about the rail project, the HEER Office completed Large Purge Volume (LVP) sampling at a former dry-cleaning property with high concentrations of solvent constituents in vapors at prior to construction of a rail station. The field report for the LVP study provides detailed diagrams of the equipment and methods used to collect both passive vapor samples and LVP vapor samples at the study site and is available for download at:
http://eha-web.doh.hawaii.gov/eha-cma/Downloads/HEER/LVPFieldStudyHDOHJuly2017.pdf
Based on this work, a discussion of LVP sampling methods will be added to Section 7 of the HEER Office Technical Guidance Manual next fiscal year, and the HEER Office has been working to educate the local consulting community about LVP sampling. On June 28, 2017, Dr. Roger Brewer of the HDOH HEER Office gave a presentation on LVP methods for the collection of subslab vapor samples to the Hawaii Association of Environmental Professionals (HAEP). The slides and recorded presentation were subsequently modified to incorporate comments and questions received during the original presentation. Please find the presentation at:
http://eha-web.doh.hawaii.gov/eha-cma/documents/5d62348b-15c0-4472-a0b4-7383f32fe03e and the video recording at:
https://www.youtube.com/watch?v=x97kot6Favk&list=PLQD-miRPhTimEYSngRgzvRmqWtCiisvBk&index=5

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 are protected from significant chemical hazards. Consequently, development of ecological risk assessment (ERA) guidance for chemical contamination in the near shore marine environment has been underway in recent years. In FY 2015, draft “screening level” ERA guidance was completed, and in FY 2016 associated draft "baseline" ERA guidance was completed. Plans are to present the Draft "Screening" and "Baseline" ERA guidance for thorough public review and comment in FY2017 before finalizing it, as well as host meetings or forums with target groups to discuss the new ERA guidance.

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 along with the environmental consultant community to develop a shared understanding of the latest scientific, technical, and policy development affecting cleanups in Hawai'i. The HEER Office also routinely works with these stakeholders as we update the Technical Guidance Manual for the Implementation of the Hawai'i State Contingency Plan (TGM). This fiscal year, John Peard and Roger Brewer created several training modules to develop a shared stakeholder understanding of the latest scientific, technical, and policy development affecting cleanups in Hawai'i. The initial trainings were given in person, and the next series of trainings were presented as webinars, and then broadcast on HEER's YouTube channel. Each training provides clear, concise, "how-to" instruction on key components of Hawaii's environmental investigation and cleanup process.
On March 17, 2017, the HEER Office gave one live, face-to-face seminar to present updates to the TGM. Due to overwhelming popular demand, another seminar was held on April 19, 2017. Dr. Brewer also made dedicated visits to consultant's offices to reach even more stakeholders.
As a follow-up to the seminars provided to Hawaii environmental consultants, John Peard and Roger Brewer of the HEER office presented a four-part webinar series June 26-29, 2017, on the use of DU-MIS methods for the investigation of contaminated soil and sediment (TGM Sections 3, 4, 5, and 8). An estimated 200 to300 consultants and regulators from more than 15 states plus Canada and China joined the webinars.
Copies of the Power Point presentations and recordings of the webinars are available at the links below:

- Part 1. Systematic Planning:
  - Presentation - http://eha-web.doh.hawaii.gov/eha-cma/documents/39b5d148-23e7-40db-8918-a1c982188579
  - Video - https://youtu.be/KzTgWYRBsQs
- Part 2: Decision Unit Designation
  - Presentation - http://eha-web.doh.hawaii.gov/eha-cma/documents/812405dc-9eb8-4e5c-8319-a1f4dd3b6b6e
  - Video - https://www.youtube.com/watch?v=J2DH61Z0Huk&feature=youtu.be

- Part 3: Decision Unit Characterization (Sampling Theory, Discrete vs Multi Increment Samples)
    - Presentation - http://eha-web.doh.hawaii.gov/eha-cma/documents/6ca33719-f5de-4ccc-b9ae-fa80e707d4d5
    - Video - https://youtu.be/1m3kpdoYvkE
- Part 4: Field Implementation of DU-MIS Investigation Methods
    - Presentation, Part 1 - http://eha-web.doh.hawaii.gov/eha-cma/documents/cc193e2d-fe15-4ecf-9bb0-4f2a2a7f71d0
    - Presentation, Part 2 - http://eha-web.doh.hawaii.gov/eha-cma/documents/2a3e546e-6f7d-4c0a-9f7d-692a7aa52239
    - Video - https://youtu.be/YehUFemIPrU

These trainings were designed to increase the quality and compliance of environmental investigations submitted for regulatory review, allowing the HEER Office to provide streamlined oversight for trained consultants. By making them available online, we are able to reach a wider audience and gain much more regulatory consistency.

Providing Technical Assistance to other Government Agencies in Support of the EPA Brownfields Grants

Opportunities include individual and area-wide assessment 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, aiding in the successful award of a $$732,000 loan from the BFRLF to cleanup a former pesticide mixing area located adjacent to their Kohala affordable housing project.

In FY2017, 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 review Site Investigation Report prepared for all Kakaako Makai Parcels in preparation for future redevelopment. 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.

In FY 2017, the HEER Office provided technical assistance to City and County of Honolulu, TOD in support of the $400,000 EPA Brownfields Assessment Grant received by City and County HEER Office assists in preparing inventory and selection of sites around the TOD corridor that will require proper cleanup before redevelopment continues. The HEER Office is providing technical support in the review of the Sampling and Analysis Plan following the State of Hawaii Technical Guidance Manual for selected sites along the TOD stations. Subsequently, HEER provided direct technical assistance to the selected contractor for development of the City and County Brownfields Inventory.

The HEER Office provided support and assistance to Honolulu Authority for Rapid Transit in their successful application for the EPA Brownfields Assessment and Cleanup Grant. HART is a 2017 recipient of $600,000 EPA Brownfields Grant for cleanup grant and $300,000 for EPA Brownfields Assessment grant. These grants will be used in the assessment and cleanup of properties along the rail guideways.

In support to Kohala Center mission of engaging Island of Hawaii to be energy self-reliance, and food self-reliance, the HEER Office prepared a Sampling and Analysis Plan to collect soil samples from the areas around the Former Niulii Sugar Mill to determine if the areas are suitable for food production. Sampling is scheduled in July of 2017.

Coordination with the state Department of Education (DOE) on screening school sites in east Hawai'i for soil contaminants

Based on documentation of soil arsenic contamination issues at several schools on the windward side of Hawai'i Island a number of years ago, the HEER Office has been periodically meeting with and advocating that DOE hire an environmental consultant to evaluate soils at a much larger number of schools that were located in areas of former sugarcane production. Those discussions finally resulted in a DOE contract being completed in July 2016 for screening soils at 23 east Hawai'i public schools located from the Laupāhoehoe area on the Hāmākua coast, south to the Ka'u District. Target contaminants to be investigated at select sites at each school include metals (including arsenic and lead), and termiticides (primarily chlordane). The potential sources of these chemicals could potentially result from historic use of arsenic in sugarcane production or weed control at the schools, lead in lead paint used before 1978, and chlordane or other termiticides used to protect wooden buildings through about 1988. Results of the planned screening and sampling efforts are expected to be available before the end of 2017.

Lead contamination from historic use of lead paint on steel structure bridges on Hawai'i Island

To date, significant lead contamination issues have been documented below three steel structure bridges located on the belt Highway north of Hilo town. These include the highway bridges at Umauma Stream, Hakalau Stream, and Kolekole Stream. The latter two sites have public beach parks located under the bridges, so have been a primary focus for soil assessment and hazard evaluation actions by the State Department of Transportation-Highways, with oversight by the HEER Office. In the case of the Hakalau Stream County beach park, areas of elevated lead near the bridge foundation girders were fenced off with warning signs to avoid any public exposures, while open areas in the small beach park itself were found to have much lower lead levels, and they still under evaluation/assessment. Area residents and park users were informed of the lead issues in soils and the on-going evaluations in the park via a fact sheet. Similar evaluations of lead in soils at Kolekole Beach Park were underway, and a Fact Sheet was utilized to inform the community and beach park users there as well.

Supporting Redevelopment and Construction using Environmental Hazard Management Plans

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

A useful tool has been the development of pre-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 FY2017, 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

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128D RESPONSE PROGRAM SITE LISTS 2017

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Sites Eligible for Possible Listing Under CERCLA

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

List of EPA NPL Sites - FY2017

	Island	Locality	Facility/Site Name
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.

List of Sites Eligible for Possible Listing Under EPA CERCLA - FY2017

	Island	Locality	Facility/Site Name
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 FY2016 Release Notification Log lists 546 hazardous substance and petroleum release notifications managed by the HEER Office State On-Scene Coordinators (SOSCs). 369 cases were directly related to the release of petroleum related substances.

HEER Office SOSCs performed direct oversight on 234 cases requiring on-site visits or off-scene coordination. 52 cases were referred to other agencies.

HEER Office Emergency Response Actions - FY2017

Release Notifications*	Oil-Related Responses	Other	Direct On-site or Off-site SOSC Oversight	Cases Referred
568	369	199	On-site: 34 Off-site: 200	To HEER SDAR: 11 To Other Agencies: 41

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HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
1	Oahu	Grounded vessel on Goat Island	20160704-2209	Diesel Oil/Marine Gas Oil	Ocean
2	Oahu	Grounded sailboat	20160704-2210	Diesel Oil/Marine Gas Oil	Ocean
3	Oahu	20' fishing boat capsized, 3 fishermen missing	20160705-0808	Diesel Oil/Marine Gas Oil	Ocean
4	Oahu	City and County of Honolulu UST release at Waialua Corp Yard	20160705-1505	Diesel Oil/Marine Gas Oil	Soil
5	Oahu	HECO Digger Derrick #C495 Hydraulic oil release	20160705-1547	Mineral Oil/Transformer Oil	Soil
6	Maui	MECO VAULT TRANSFORMER #13170 RELEASE	20160705-1550	Mineral Oil/Transformer Oil	Soil
7	Oahu	HECO pad-mounted transformer #69429 release	20160705-1551	Mineral Oil/Transformer Oil	Soil
8	Oahu	HECO pad-mounted transformer #66693 release	20160705-1552	Mineral Oil/Transformer Oil	Soil
9	Oahu	HECO pad-mounted transformer #83015 release	20160705-1553	Mineral Oil/Transformer Oil	Soil
10	Oahu	HECO pad-mounted transformer #32016 release	20160705-1554	Mineral Oil/Transformer Oil	Soil
11	Oahu	Not a release	20160706-1108	Container	Other
12	Oahu	Potential release	20160711-1452	Oil	Other
13	Oahu	Hydraulic oil spill from Navy ship USS Safeguard	20160711-2220	Hydraulic Oil	Ocean
14	Hawaii	Young Brothers Barge Ho'omaka Hou generator lub oil release	20160712-0134	Lube Oil/Motor Oil	Ocean
15	Oahu	Chevron station spill	20160712-2328	Gasoline	Concrete
16	Oahu	Lead discovery from soil samples	20160713-0333	Lead	Soil
17	Oahu	Epsilon System Solution drill	20160713-0910	Hydraulic Oil	Ocean
18	Oahu	Rail shaft #397 hydraulic oil release	20160713-1317	Hydraulic Oil	Groundwater
19	Oahu	Milky waters in Kewalo Basin	20160714-0800	Liquid	Ocean
20	Maui	MECO submersible transformer #10403 release	20160718-1424	Mineral Oil/Transformer Oil	Soil
21	Hawaii	EnviroLogic 146 1.5-gallon release	20160719-1230	Edible/Vegetable Oil	Ocean
22	Oahu	Illegal Dumping of Compressed Gas Cylinders at King's Disposal	20160719-1253	Other	Air
23	Oahu	Odor in Apartment	20160719-1505	Odor	Air
24	Maui	Maui Soda and Ice Works Ammonia Release	20160721-1210	Ammonia	Air
25	Oahu	HCC Transformer Leak	20160722-1130	Mineral Oil/Transformer Oil	Concrete
26	Hawaii	Potential Discharge of Unknown Oil from Grounded Vessel	20160725-0815	Unknown	Ocean
27	Oahu	Potential Release From vessel breaking its mooring	20160725-0816	Gasoline	Ocean

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
28	Oahu	Epsilon oily water release	20160725-1300	Oily Water Mixture	Asphalt
29	Oahu	Schofield Barracks Pad-Mount Transformer S/N # 99V4675-3	20160726-1420	Mineral Oil/Transformer Oil	Soil
30	Oahu	Road debris	20160730-0740	Solid Waste	Stream
31	Oahu	H-Power radiation reading	20160730-1312	Radionuclides (including radon)	Within Facility
32	Maui	Kula Hospital UST removal contamination discovery	20160731-2240	Diesel Oil/Marine Gas Oil	Soil
33	Oahu	Car in Kahana Bay	20160801-0800	Ethylene glycol, Gasoline, Lube Oil/Motor Oil	Stream
34	Maui	MECO Submersible Transformer # 17050 Release	20160801-1631	Mineral Oil/Transformer Oil	Soil
35	Oahu	Par Hawaii Refining flaring incident releasing VOC's on 7/8/2016	20160802-0053	Petroleum Hydrocarbon	Air
36	Oahu	Par Hawaii Refining flaring incident releasing VOC's on 7/12/2016	20160802-0055	Petroleum Hydrocarbon	Air
37	Oahu	Unknown Sheen	20160802-0932	Oil	Ocean
38	Maui	Chemical odor in Wailuku house	20160802-2318	Liquid, Powder	Air
39	Oahu	Sheen observed in Ala Wai Boat Harbor	20160802-2328	Oil	Ocean
40	Oahu	Par Hawaii Refining gasoline release from broken ball valve/nipple on pig	20160803-0234	Gasoline	Concrete
41	Oahu	petroleum discovery while excavating for the installation of a PV structure	20160803-0420	Diesel Oil/Marine Gas Oil	Soil
42	Hawaii	HELCO Pole-Mounted Transformer #s 24690, 25351, 25352	20160803-1626	Mineral Oil/Transformer Oil	Soil
43	Maui	MECO Pad-Mount Transformer # 9835 Potential Release	20160803-1627	Mineral Oil/Transformer Oil	Within Facility
44	Hawaii	Tar bubbles washing ashore on a beach near Kawaihae Small Boat Harbor (North)	20160804-0436	Oil	Ocean
45	Oahu	USS John C. Stennis black oil discovery	20160805-0224	Oil	Ocean
46	Oahu	mysterious sheen with unknown source	20160805-2221	Oil	Ocean
47	Molokai	Vehicle diesel fuel tank punctured while offloading @ Kalaupapa	20160806-0003	Diesel Oil/Marine Gas Oil	Concrete
48	Maui	Maui Disposal	20160808-1400	Hydraulic Oil	Asphalt
49	Hawaii	HELCO pole-mounted transformer #35647 release	20160808-1523	Mineral Oil/Transformer Oil	Asphalt
50	Hawaii	HELCO pole-mounted transformer #35647 release	20160808-1524	Mineral Oil/Transformer Oil	Asphalt
51	Oahu	HECO pole-mounted transformer #81007 release	20160808-1525	Mineral Oil/Transformer Oil	Soil

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
52	Oahu	HECO pole-mounted transformer #71523 release	20160808-1526	Mineral Oil/Transformer Oil	Soil
53	Maui	MECO pole-mounted transformer #23091 release	20160808-1528	Mineral Oil/Transformer Oil	Soil
54	Oahu	Waipahu Incinerator Drums	20160808-1600	Other	Within Facility
55	Maui	Amerigas Propane Leak	20160808-1753	Container	Air
56	Oahu	sewage spill	20160808-2322	Sewage	Soil
57	Maui	Transformer Release at HC and S	20160809-1612	Mineral Oil/Transformer Oil	Stream
58	Oahu	Drill- Tanker Truck in Harbor- Drill	20160810-0826	Diesel Oil/Marine Gas Oil	Ocean
59	Oahu	HECO Pole-mounted transformer # 34023	20160810-1112	Mineral Oil/Transformer Oil	Soil
60	Oahu	HECO Pole-mounted transformer # 80880 Release	20160810-1129	Mineral Oil/Transformer Oil	Soil
61	Oahu	Kailua Gas Station Spill	20160812-1400	Gasoline	Concrete
62	Kauai	Diesel Drum Washed Up Near Kauai Shores Hotel	20160813-1352	Diesel Oil/Marine Gas Oil	Ocean
63	Hawaii	Sewage Leak at the Fairmont Orchid Hotel	20160815-0849	Sewage	Ocean
64	Maui	JJ's Excavation Overturned Semi-Trailer	20160815-1025	Diesel Oil/Marine Gas Oil, Hydraulic Oil	Soil
65	Oahu	HECO Pad Mount Transformer # 29887 Release	20160815-1506	Mineral Oil/Transformer Oil	Soil
66	Oahu	RIMPAC South Korean ship diesel release	20160815-1528	Oily Water Mixture	Ocean
67	Oahu	Allision HMAS Warramunga and Tug Neil Abercrombie	20160816-1707	Oil	Ocean
68	Oahu	Par Hawaii Refining SO2 exceedance	20160816-1734	Sulfur dioxide	Air
69	Hawaii	HELCO Keahole Generating Station, EMD Units 21, 22, and 23	20160817-1541	Oil	Soil
70	Hawaii	HELCO Waimea Generating Station EMD Units 12, 13, and 14	20160817-1542	Oil	Soil
71	Oahu	USS Coronado oily waste release	20160817-2232	Oily Waste	Ocean
72	Hawaii	HELCO Pad-Mount Transformer # 23660	20160818-1245	Mineral Oil/Transformer Oil	Soil
73	Oahu	Blood Lead concern	20160818-1520	Lead	Other
74	Oahu	Chevron Middle Street Gas Station release	20160822-0915	Gasoline	Concrete
75	Oahu	Unknown sheen at Pearl Harbor Shipyard	20160823-0248	Oil	Ocean
76	Oahu	Construction company wash water entering harbor	20160823-0414	Other	Ocean
77	Oahu	Stained coral observed while excavating (9th discovery for project)	20160825-0902	Petroleum Hydrocarbon	Soil
78	Maui	Vikane tented Maui house integrity broken	20160829-0445	Gas	Air

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
79	Oahu	Asphalt emulsion vehicle storage tank boil over	20160901-1028	Asphalt/Creosote	Storm Drain
80	Kauai	abandon 22' fishing boat	20160901-1230	Container, Gasoline, Lube Oil/Motor Oil	Ocean
81	Oahu	Grounded Navy 30' vessel	20160901-1231	Diesel Oil/Marine Gas Oil	Coral
82	Oahu	Rain water runoff polluting Kaneohe Bay	20160901-2354	Water	Ocean
83	Oahu	USS Michael Murphy	20160902-0038	Diesel Oil/Marine Gas Oil	Ocean
84	Oahu	Tug boat American Contender fueling burp	20160902-0935	Diesel Oil/Marine Gas Oil	Ocean
85	Oahu	Car fire releasing petroleum into storm drain	20160902-0957	Petroleum Hydrocarbon	Storm Drain
86	Oahu	LCM cap sized with excavator on board	20160903-1255	Container, Diesel Oil/Marine Gas Oil, Hydraulic Oil, Lube Oil/Motor Oil	Coral
87	Oahu	Hawaiian Airlines JP8 spill	20160905-2306	Jet Fuel/Kerosene	Asphalt
88	Oahu	Komatsu PC35MR3 400 meters offshore Kure Atoll	20160906-0250	Oil	Ocean
89	Maui	MECO pad-mounted transformer #16330 & 26332 release	20160906-1705	Mineral Oil/Transformer Oil	Soil
90	Maui	MECO pad-mounted transformer #8698 release	20160906-1706	Mineral Oil/Transformer Oil	Soil
91	Maui	MECO pad-mounted transformer #16476 release	20160906-1707	Mineral Oil/Transformer Oil	Soil
92	Maui	MECO pad-mounted transformer #8622 release	20160906-1708	Mineral Oil/Transformer Oil	Soil
93	Maui	MECO pad-mounted transformer #8772 release	20160906-1709	Mineral Oil/Transformer Oil	Soil
94	Oahu	Oil discovery while installing utility pole Hanua Street	20160906-2338	Oil	Groundwater
95	Oahu	Reported blue-colored stream	20160907-1018	Other	Stream
96	Oahu	Police referral	20160908-1331	Odor	Air
97	Oahu	F22 jet Tail #47 fuel tank leaking	20160908-2105	Jet Fuel/Kerosene	Concrete
98	Oahu	Car in water	20160909-1718	Gasoline, Lube Oil/Motor Oil, Transmission Fluid	Ocean
99	Oahu	unknown reddish brown fluorescent green slick	20160912-0249	Liquid	Ocean
100	Oahu	Tack coat rain runoff	20160912-0427	Oil	Storm Drain
101	Kauai	oil spill	20160912-0501	Oil	Soil
102	Kahoolawe	Yellowish brown slick	20160912-1507	Liquid	Ocean
103	Hawaii	HELCO pole-mounted transformer #91176 release	20160912-1710	Mineral Oil/Transformer Oil	Soil
104	Maui	MECO pad-mounted transformer #9326 release	20160912-1712	Mineral Oil/Transformer Oil	Concrete

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
105	Hawaii	USCG Cutter Kiska oily water spill	20160913-0353	Oily Water Mixture	Ocean
106	Oahu	Seal coat washed off by rain	20160913-0513	Other	Storm Drain
107	Oahu	Drill ASIG Tanker Offloading	20160914-1005	Jet Fuel/Kerosene	Ocean
108	Oahu	HECO pole-mounted transformer #51354,51355,51346 release	20160916-1528	Mineral Oil/Transformer Oil	Soil
109	Oahu	F22 Tank Failure	20160919-1000	Jet Fuel/Kerosene	Concrete
110	Maui	Chlorine Granules in Bucket at Lahaina	20160920-0235	Chlorine	Air
111	Oahu	F22 125-gallon Jet fuel release	20160920-0700	Jet Fuel/Kerosene	Concrete
112	Oahu	Unknown sheen in Ala Wai Boat Harbor	20160921-0758	Oil	Ocean
113	Maui	MECO pad-mounted transformer #16131 release	20160921-0923	Mineral Oil/Transformer Oil	Soil
114	Hawaii	BEI Hilo Chlorine Tank Leak	20160922-0858	Chlorine	Air
115	Oahu	Chevron # 9025 24-ounce gasoline release	20160922-0940	Gasoline	Concrete
116	Maui	MECO pad-mounted transformer #11260 release	20160922-1649	Mineral Oil/Transformer Oil	Soil
117	Oahu	Syringes and Needles found ashore.	20160923-0900	Solid Waste	Other
118	Oahu	Diesel Fuel Discharge from an Unknown Source	20160926-0821	Diesel Oil/Marine Gas Oil	Ocean
119	Oahu	955-FISH Booth Painting	20160926-0857	Solid Waste	Ocean
120	Oahu	R/V Intrepid Dragon	20160927-0929	Hydrochloric acid	Within Facility
121	Oahu	Kapaa Transfer Station Cylinders	20160927-1530	Compressed Gas Cylinder	Within Facility
122	Hawaii	Cylinders Fell on the Road	20160927-1600	Solid Waste	Other
123	Oahu	Waialae YMCA	20160928-1450	Sodium hypochlorite	Air
124	Hawaii	Puna Geothermal Venture Steam Release	20160928-2203	Hydrogen sulfide	Air
125	Maui	MECO pad-mounted transformer #11979 release	20160930-1138	Mineral Oil/Transformer Oil	Soil
126	Maui	MECO pad-mounted transformer #14460 release	20160930-1139	Mineral Oil/Transformer Oil	Soil
127	Maui	MECO overhead mounted transformer # H327647-72P	20160930-1140	Mineral Oil/Transformer Oil	Soil
128	Maui	Report of Oil in water	20160930-1330	Oil	Ocean
129	Hawaii	Puna Geothermal Venture Steam Release	20161002-1354	Hydrogen sulfide	Air
130	Oahu	Pungent Fuel Odor	20161003-0830	Odor	Air
131	Oahu	Lube Oil spill	20161003-0831	Lube Oil/Motor Oil	Within Facility
132	Hawaii	Unknown Sheen from unknown source	20161003-0832	Oil	Ocean

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
133	Oahu	Signature Flight Support 40 gallons Release	20161003-0900	Jet Fuel/Kerosene	Within Facility
134	Oahu	Odor in Apartment	20161004-2015	Unknown	Air
135	Oahu	Bubbles and filmy waters at White Plains Beach	20161005-0951	Liquid	Ocean
136	Oahu	Vessel "Roger Raevelle" milk discharge	20161005-2341	Liquid	Ocean
137	Oahu	Canister labelled "phosphorus" found on sand Kailua beach	20161006-0130	Powder	Other
138	Oahu	USCG Cutter Walnut release from a crane	20161007-0800	Hydraulic Oil	Ocean
139	Maui	Fallen wind farm blades and generator Auwahi Wind Maui	20161007-1108	Hydraulic Oil	Concrete
140	Oahu	Hydraulic line release	20161007-2000	Hydraulic Oil	Ocean
141	Oahu	Gray Sheen in the Ala Wai Harbor	20161010-0855	Unknown	Ocean
142	Oahu	Hydraulic Oil Spill in Mililani	20161010-0920	Hydraulic Oil	Storm Drain
143	Hawaii	Hydraulic Oil in the Hilo Bay	20161010-1745	Diesel Oil/Marine Gas Oil	Ocean
144	Kauai	55-gallon Drum on Kauai Shoreline	20161011-1326	Diesel Oil/Marine Gas Oil	Ocean
145	Maui	Central Maui Base Yard Medical Waste	20161013-0956	Solid Waste	Other
146	Oahu	Gas Can Leaking on a Sinking Vessel	20161013-1128	Gasoline	Ocean
147	Lanai	Discharge of fluids from Vessel off Lanai	20161017-0745	Oil	Ocean
148	Maui	Potential Pipeline Release	20161017-1138	Oil	Soil
149	Oahu	R/V Cormorant Sheen	20161018-1147	Oily Waste	Ocean
150	Oahu	Unknown Sheen	20161018-1710	Oil	Ocean
151	Oahu	Ground Transport Inc. School Bus Engine Oil Leak	20161020-1630	Lube Oil/Motor Oil	Asphalt
152	Oahu	Paddlers poked by syringes while walking on sand by their canoes	20161021-0930	Container	Other
153	Oahu	Honolulu Disposal garbage truck on fire	20161022-1415	Diesel Oil/Marine Gas Oil	Asphalt
154	Oahu	Abandoned 5-gallon bucket in Manoa	20161023-0248	Container	Drum/Container
155	Oahu	Utility pole with 3 transformers fell @ C/C Manana base yard	20161024-0000	Vegetable Oil/Transformer Oil	Soil
156	Oahu	Unknown Sheen, unknown source	20161024-0655	Oil	Ocean
157	Oahu	Illegal Dumping of 5-gallon bucket in Manoa	20161024-0848	Unknown	Within Facility
158	Oahu	Transformer oil release due to termite damage to pole	20161025-1000	Vegetable Oil/Transformer Oil	Soil
159	Oahu	Drill - American Marine Corporation Drill	20161025-1400	Container	Other
160	Oahu	R/V Cormorant	20161026-0752	Oily Waste	Ocean

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
161	Oahu	CHT accidental discharge from USS Chung Hoon	20161026-1642	Wastewater	Ocean
162	Oahu	HECO pad-mounted transformer #28084 release	20161027-1359	Mineral Oil/Transformer Oil	Soil
163	Oahu	Oil discovery 10th occurrence for project	20161101-1006	Bunker C/IFO/HFO	Soil
164	Oahu	Pickup Truck Ran into Keehi Boat Harbor	20161101-1228	Gasoline	Ocean
165	Oahu	Abandoned 55-gallon drum	20161102-0754	Container	Within Facility
166	Kauai	Potential Pollution from Vessel adrift in Hanalei Bay	20161102-1710	Gasoline	Ocean
167	Maui	MECO pad-mounted transformer # 17069 release	20161103-0351	Mineral Oil/Transformer Oil	Soil
168	Maui	MECO	20161103-0854	Mineral Oil/Transformer Oil	Concrete
169	Oahu	F/V Capt. Millions III release	20161103-1310	Wastewater	Ocean
170	Oahu	Leaking material from Pier 36 Waste Reception Area	20161106-1512	Unknown	Concrete
171	Oahu	HECO pad-mounted transformer #46349 release	20161107-0855	Mineral Oil/Transformer Oil	Soil
172	Oahu	HECO pad-mounted transformer #68199 release	20161107-0857	Mineral Oil/Transformer Oil	Soil
173	Oahu	HECO pad-mounted transformer # 50163 release	20161107-0902	Mineral Oil/Transformer Oil	Soil
174	Oahu	Grease Trap Waste/oil overflow	20161107-1453	Grease	Concrete
175	Oahu	Unknown Sheen, unknown source	20161107-1522	Oil	Ocean
176	Oahu	R/V Strikeology Diesel Fuel Discharge	20161109-0735	Diesel Oil/Marine Gas Oil	Ocean
177	Oahu	Drill Exercise on Notification - Drill	20161109-0923	Oil	Ocean
178	Hawaii	HELCO pole-mounted transformer #34429 release	20161109-0930	Mineral Oil/Transformer Oil	Soil
179	Oahu	Unknown sheen, unknown source	20161110-0845	Oil	Ocean
180	Oahu	Tool malfunction	20161110-1130	Hydraulic Oil	Ocean
181	Oahu	Possible Mercury Spill at Fort Shafter	20161110-1400	Mercury	Within Facility
182	Oahu	Hydraulic oil release	20161110-1402	Hydraulic Oil	Ocean
183	Oahu	Utility Joint Pole 13X Sheen on Groundwater	20161110-1500	Oil	Groundwater
184	Oahu	Potential release from a Jet Ski #HA 4207K	20161110-1908	Gasoline	Ocean
185	Oahu	Fugitive Medical Waste	20161111-1430	Other	Other
186	Oahu	Tug Boat Namahoe	20161112-1027	Hydraulic Oil	Ocean
187	Oahu	Overturned 12 - 14 feet boat	20161112-1534	Gasoline	Ocean
188	Oahu	Diesel spill from dropped 20' container generator	20161113-0845	Diesel Oil/Marine Gas Oil	Concrete
189	Oahu	HECO pad-mounted transformer #74709 release	20161114-1414	Vegetable Oil/Transformer Oil	Soil

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
190	Hawaii	Commercial fueling station leaking diesel pump	20161114-1616	Diesel Oil/Marine Gas Oil	Concrete
191	Oahu	Diesel odor Honolulu Harbor Pier 19	20161115-0719	Diesel Oil/Marine Gas Oil	Air
192	Oahu	Oil sheen on water Honolulu Harbor Pier 21 & 22	20161115-0816	Oil	Ocean
193	Oahu	old ammunition to dispose of	20161116-1138	Powder	Other
194	Oahu	Oil discovery while excavating, 11th occurrence for the project	20161116-1304	Oil	Soil
195	Maui	Maui Memorial Medical Center UST closure	20161117-0911	Diesel Oil/Marine Gas Oil	Gravel
196	Oahu	4 compressed gas cylinders taken to C/C Kailua base yard	20161117-1003	Compressed Gas Cylinder	Within Facility
197	Oahu	Diesel spill at Island Energy Services tank 274	20161118-1957	Diesel Oil/Marine Gas Oil	Coral
198	Oahu	Diesel odors at Magic Island	20161119-2024	Odor	Air
199	Oahu	Oil discovery while excavating; 12th occurrence for the project	20161121-1042	Oil	Soil
200	Oahu	Gray Sheen at the Ala Wai	20161121-1059	Unknown	Ocean
201	Oahu	Pier 11 Sheen	20161121-1135	Oil	Ocean
202	Oahu	Sheen Spotted by Pier 11	20161121-1237	Unknown	Ocean
203	Oahu	Hydraulic Release at Pali Lookout	20161121-1512	Hydraulic Oil	Soil
204	Oahu	Hydraulic Oil Release at Schofield Barracks	20161121-1940	Hydraulic Oil	Soil
205	Oahu	Unknown Sheen in Ala Wai Boat Harbor	20161122-0728	Unknown	Ocean
206	Oahu	Blue Paint Runoff into Ke'ehi Lagoon	20161122-1030	Liquid	Ocean
207	Oahu	Manoa Chevron Service Station leaking hydraulic hoist	20161122-1507	Hydraulic Oil	Soil
208	Maui	Potential Release from Sinking Vessel by Kona Airport	20161122-1654	Gasoline	Ocean
209	Oahu	Cooking oil dumped into storm drain	20161123-1011	Vegetable Oil/Transformer Oil	Storm Drain
210	Oahu	Sunken vessel Kewalo Basin	20161123-1041	Diesel Oil/Marine Gas Oil	Ocean
211	Oahu	Pink/Purple Colored Water in a Canal by Kawaikui Beach Park	20161123-1112	Water	Other
212	Kauai	Potential Spill from grounded vessel at Na Wiliwili	20161124-0843	Diesel Oil/Marine Gas Oil	Ocean
213	Oahu	Sheen Spotted at Pier B24 at Pearl Harbor	20161124-1407	Unknown	Ocean
214	Oahu	Bilge Slop Spill at Pearl Harbor	20161125-1249	Other	Soil
215	Oahu	Lithium Battery Overheating on Plane	20161128-0706	Other	Within Facility
216	Oahu	Medical waste (syringes and bottles) on beach	20161129-0138	Container	Other

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
217	Oahu	29' boat "Kama III" gasoline spill	20161129-1228	Gasoline	Ocean
218	Oahu	HECO pad-mounted transformer #55674 release	20161201-1615	Mineral Oil/Transformer Oil	Soil
219	Oahu	Paint dumping into trash dumpster	20161202-1216	Liquid	Asphalt
220	Oahu	USS Chafee diesel water release	20161204-0930	Oily Water Mixture	Ocean
221	Oahu	7' boat found floating outside Kawaihae Boat Harbor	20161204-1803	Diesel Oil/Marine Gas Oil	Ocean
222	Oahu	HART Pearlridge Station	20161205-1408	Oil	Groundwater
223	Oahu	WestPac International Truck Diesel Tank Rupture	20161207-1041	Diesel Oil/Marine Gas Oil	Asphalt
224	Oahu	Unknown sheen, unknown source	20161207-1100	Oil	Ocean
225	Oahu	USCG Cutter Kiska Diesel Release	20161208-0653	Diesel Oil/Marine Gas Oil	Ocean
226	Oahu	Vessel Dredge Weeks 538 Release	20161208-1015	Lube Oil/Motor Oil	Ocean
227	Oahu	Unknown sheen	20161208-1140	Oil	Ocean
228	Oahu	Young Brothers Machinery Release	20161208-1400	Hydraulic Oil	Ocean
229	Oahu	Unknown source release	20161208-1523	Unknown	Ocean
230	Oahu	Sheen @ piers 32-34 Honolulu Harbor	20161209-1026	Oil	Ocean
231	Oahu	Barge Mauna Loa # 8637512	20161211-0705	Hydraulic Oil	Ocean
232	Oahu	Potential to Release	20161211-1927	Diesel Oil/Marine Gas Oil	Ocean
233	Oahu	Fugitive Bag labeled "Asbestos"	20161212-0915	Asbestos (friable)	Other
234	Oahu	HECO pole-mounted transformer #15112 release	20161212-1713	Mineral Oil/Transformer Oil	Asphalt
235	Oahu	Allegations of oil coming mixed with tap water	20161213-0800	Oil	Other
236	Kauai	Gallon of roofing material spill	20161213-1330	Other	Within Facility
237	Oahu	HECO pad-mounted transformer # 70874 release	20161215-1619	Mineral Oil/Transformer Oil	Soil
238	Maui	MECO pad-mounted transformer #9326 release	20161215-1620	Mineral Oil/Transformer Oil	Concrete
239	Maui	MECO pad-mounted transformer #11979 release	20161215-1621	Mineral Oil/Transformer Oil	Concrete
240	Maui	Potential Release from a grounded vessel on Maui	20161216-0807	Gasoline	Ocean
241	Maui	MECO pad-mounted transformer #17832 release	20161216-1355	Mineral Oil/Transformer Oil	Soil
242	Oahu	Young Brothers 40-ton Hi-Lift Fire	20161218-0841	Diesel Oil/Marine Gas Oil	Within Facility
243	Oahu	Vessel Moored Sinking	20161219-0717	Diesel Oil/Marine Gas Oil	Air
244	Hawaii	Mercury spills allegations	20161219-1031	Mercury	Other
245	Oahu	Alleged fugitive drum on ocean	20161219-1220	Unknown	Ocean

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
246	Oahu	Iwilei Tank Yard 3M Gallon Tank Dismantling Release Discovery	20161220-1545	Oil	Other
247	Hawaii	Release during Hilo Harbor Pier Upgrade	20161220-1615	Hydraulic Oil	Ocean
248	Oahu	Waipahu Repair hydraulic release	20161221-0930	Hydraulic Oil	Soil
249	Oahu	98-121 Lipoa Place drums	20161222-1000	Hydraulic Oil	Asphalt
250	Oahu	HART Pearl Highlands Solid Waste Uncovering	20161222-1233	Oil	Soil
251	Oahu	Unknown Yellow Substance in water	20161222-2327	Liquid	Ocean
252	Oahu	Unknown sheen	20161223-0913	Oil	Ocean
253	Oahu	Unknown sheen, unknown source	20161223-1030	Oil	Ocean
254	Oahu	Unknown Sheen Pier 32	20161223-1403	Oil	Ocean
255	Oahu	HART Unregulated UST Removal Release	20161223-1640	Hydraulic Oil, Oil	Groundwater
256	Hawaii	American Linen Truck Diesel Release	20161225-0327	Diesel Oil/Marine Gas Oil	Soil
257	Oahu	sailboat's dingy leaking fuel at dock Keehi Boat Harbor	20161229-0830	Gasoline	Ocean
258	Oahu	white liquid running into storm drain from Comfort Inn on the Park	20161229-1450	Liquid	Storm Drain
259	Oahu	Ala Wai Boat Harbor sheen	20161230-0858	Oil	Ocean
260	Maui	MECO pad-mounted transformer #8698 release	20161230-0959	Mineral Oil/Transformer Oil	Concrete
261	Kauai	abandon compressed gas cylinder	20161230-1143	Compressed Gas Cylinder	Other
262	Oahu	H-Power Load from Tripler	20170105-0641	Powder	Trash Truck
263	Oahu	Kirby Marine Gear Oil Spill	20170105-0745	Oil	Ocean
264	Oahu	HECO pad-mounted transformer #57415 release	20170106-1451	Mineral Oil/Transformer Oil	Soil
265	Maui	MECO pad-mounted transformer #11494 release	20170106-1452	Mineral Oil/Transformer Oil	Concrete
266	Hawaii	Potential Leak from Sailing Vessel in Hilo Harbor	20170106-2238	Diesel Oil/Marine Gas Oil	Ocean
267	Oahu	Trash Truck Leaking Fuel at Kuntz Gate	20170107-0808	Diesel Oil/Marine Gas Oil	Vegetation
268	Kauai	Potential Spill in Nawiliwili Harbor	20170107-0819	Other	Ocean
269	Oahu	Fuel Spill at Honolulu Airport, Hawaiian Airlines	20170107-1319	Jet Fuel	Concrete
270	Hawaii	Sewage Spill at the Mauna Kea Resort	20170107-2110	Sewage	Within Facility
271	Oahu	Truck Went Off the Boat Ramp in Haleiwa	20170108-1554	Gasoline	Ocean
272	Oahu	Burning Boat in Hawaii Kai	20170109-0822	Diesel Oil/Marine Gas Oil	Ocean

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	Island	Unit Name	Case Number	Substances	Media
273	Oahu	Hawaii Kai/Portlock boat fire	20170109-0902	Gasoline	Ocean
274	Maui	MECO pad-mounted transformer #6634 release	20170109-0955	Mineral Oil/Transformer Oil	Concrete
275	Oahu	USS Columbia accidental oily bilge water discharge	20170109-1007	Oily Water Mixture	Ocean
276	Oahu	Ala Wai Boat Harbor mysterious 3-day sheen	20170110-0915	Oil	Ocean
277	Maui	Pesticide application stinking up neighborhood in Lahaina	20170110-1332	Liquid	Air
278	Oahu	Sheen at Honolulu Harbor piers 16 & 17	20170111-0855	Oil	Ocean
279	Oahu	Excavator slid into Honouliuli Stream at West Loch Golf Course	20170112-1428	Oil	Stream
280	Oahu	Sheen in Ala Wai Boat Harbor slip F35	20170113-0737	Oil	Ocean
281	Oahu	18' boat capsized off Waikiki	20170114-1546	Gasoline, Liquid, Oil	Ocean
282	Maui	MECO's white cloudy discharge Kahului Bay	20170116-0837	Water	Ocean
283	Oahu	Young Brothers' customer generator release	20170117-0825	Ethylene glycol	Concrete
284	Oahu	Hakuyosha Hawaii, Inc. Alleged Excavation	20170117-1000	Perchloroethylene	Within Facility
285	Hawaii	R/V Bobo Link sank	20170118-1717	Diesel Oil/Marine Gas Oil, Lead, Lube Oil/Motor Oil	Ocean
286	Oahu	SMTV 5-ton truck rollover	20170118-2326	Ethylene glycol, Jet Fuel/Kerosene, Transmission Fluid	Stream
287	Oahu	Advantage Rent-a-Car UST Release	20170119-0900	Gasoline	Soil
288	Oahu	Ala Wai Boat Harbor sheen by piers along Hawaii Prince Hotel	20170120-0747	Oil	Ocean
289	Hawaii	Monitoring C Down	20170121-1030	Odor	Other
290	Oahu	Pride of America	20170121-1758	Hydraulic Oil	Ocean
291	Oahu	Alleged Dangerous Particulates	20170123-0930	Powder	Air
292	Hawaii	HELCO pole-mounted transformer #27898 release (27989)	20170123-1434	Mineral Oil/Transformer Oil	Soil
293	Kauai	Potential Japan Tsunami debris washed up on Moloa'a Beach, Kauai	20170123-1500	Container	Ocean
294	Oahu	Par Hawaii Refinery Tank 307 bottom failure	20170124-1008	Fuel Oil	Soil
295	Oahu	Sheen in East Loch Pearl Harbor	20170124-1313	Oil	Ocean
296	Oahu	sheen at Ford Island pier F9	20170124-1645	Oil	Ocean
297	Oahu	Fugitive AirGas labelled compressed gas cylinders	20170125-0800	Compressed Gas Cylinder	Drum/Container

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
298	Oahu	Ford Island sheen @ pier F9	20170125-1006	Oil	Ocean
299	Oahu	Water coming out of manhole cover Makakilo	20170126-0747	Liquid	Storm Drain
300	Oahu	HECO PAD-MOUNTED TRANSFORMER #69375 RELEASE	20170126-0844	Mineral Oil/Transformer Oil	Soil
301	Oahu	HECO poll-mounted transformer #76966 release	20170126-0846	Mineral Oil/Transformer Oil	Soil
302	Hawaii	HELCO pad-mounted transformer #33218 release	20170126-0945	Mineral Oil/Transformer Oil	Soil
303	Hawaii	Piihonua Abandoned Pump house Mercury Spill	20170130-0940	Mercury	Concrete
304	Oahu	Lead Sampling at Akaula Street	20170201-0615	Lead	Soil
305	Oahu	USCG Base Honolulu sewage release	20170201-1040	Sewage	Ocean
306	Oahu	Unknown Sheen	20170201-1100	Oil	Ocean
307	Oahu	Grace Pacific Hydraulic Oil release from a Paver	20170201-1430	Hydraulic Oil	Asphalt
308	Oahu	Strong animal urine odor around townhouse unit	20170202-1015	Odor	Air
309	Kauai	Potential Release from Stranded Vessel at Shipwreck Beach	20170203-1014	Diesel Oil/Marine Gas Oil	Ocean
310	Oahu	Sheen Ala Wai boat harbor at slips 35 - 42	20170203-1510	Oil	Ocean
311	Oahu	Hydraulic leak at elevator shaft Ward Warehouse	20170203-1557	Hydraulic Oil	Soil
312	Oahu	Possible Pollution from Grounded Vessel Near Sand Island	20170205-1305	Diesel Oil/Marine Gas Oil	Ocean
313	Oahu	Illegal Dumping on Lima Street	20170206-0745	Container	Drum/Container
314	Oahu	Returning Sheen at Ala Wai Yacht Harbor	20170206-0746	Unknown	Ocean
315	Oahu	Unknown sheen, unknown source	20170206-1704	Oil	Ocean
316	Oahu	Unknown Sheen	20170206-1800	Oil	Ocean
317	Oahu	Paiea Redevelopment Property	20170207-1335	Aldrin, Heptachlor	Soil
318	Maui	Two Recreational Vessels Grounding	20170207-1555	Diesel Oil/Marine Gas Oil	Ocean
319	Oahu	Vehicle and Trailer Submerged at Haleiwa Harbor Boat Ramp	20170209-0800	Oil	Ocean
320	Oahu	Porta Potty overturned truck	20170209-0930	Solid Waste	Soil
321	Oahu	Tows R Us Fire	20170209-0935	Other	Concrete
322	Hawaii	HELCO pole -mounted transformer #37095 release.	20170209-1032	Mineral Oil/Transformer Oil	Soil
323	Oahu	Unknown sheen, unknown source	20170209-1412	Oil	Ocean
324	Hawaii	HA 1313 Vessel Aground	20170209-1629	Gasoline	Ocean
325	Oahu	Discharges allegations	20170211-1115	Oil	Ocean
326	Oahu	Waste Oil Receptacle Facility Overflowing	20170211-1249	Oil, Waste	Asphalt

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	Island	Unit Name	Case Number	Substances	Media
327	Oahu	Unknown sheen, unknown source	20170212-1600	Oil	Ocean
328	Oahu	Unknown sheen, unknown source.	20170212-1601	Oil	Ocean
329	Oahu	Unknown sheen	20170212-1602	Oil	Ocean
330	Maui	MECO pad-mounted transformer #16131 release	20170213-0901	Mineral Oil/Transformer Oil	Soil
331	Oahu	Courtesy call from Par Hawaii Sand Island Sheen Observed	20170215-1100	Oil	Groundwater
332	Oahu	Hydraulic Oil Spill at Makakilo Quarry	20170217-1242	Hydraulic Oil	Soil
333	Oahu	HECO pad-mounted transformer #46498 release	20170221-1421	Mineral Oil/Transformer Oil	Soil
334	Oahu	Mysterious sheen from unknown source Ala Wai Boat Harbor	20170223-0856	Oil	Ocean
335	Maui	MECO pad-mounted transformer #12137 release	20170223-0944	Vegetable Oil/Transformer Oil	Concrete
336	Maui	MECO pad-mounted transformer #11456 release	20170223-0945	Vegetable Oil/Transformer Oil	Soil
337	Oahu	diesel sheen Honolulu Harbor pier 7	20170223-1219	Diesel Oil/Marine Gas Oil	Ocean
338	Oahu	Potential discharge from Kainahe Bridge Highway 19 Big Island	20170223-1330	Other	Vegetation
339	Oahu	TPH oil contamination discovered during Phase II, 3030 Waialae Avenue	20170223-1400	Lead, Oil	Soil
340	Maui	MECO pad-mounted transformer #7748 release	20170223-1431	Vegetable Oil/Transformer Oil	Concrete
341	Oahu	Sheen @ Ala Wai Boat Harbor Pier G	20170226-0902	Oil	Ocean
342	Hawaii	PGV air monitoring station B off line	20170227-0047	Other	Within Facility
343	Kauai	Red substance in water off Kaahanui Point, Kauai	20170227-0716	Unknown	Ocean
344	Maui	Sheen on water at Ukumehame Beach Park	20170227-0717	Oil	Ocean
345	Oahu	Oily Water from Bilge release outside of State Waters	20170227-1611	Oily Water Mixture	Ocean
346	Oahu	Lube Oil Spill for NOAA Vessel at Ford Island	20170228-1803	Lube Oil/Motor Oil	Ocean
347	Oahu	Potential Release from Improperly Pack Tanks	20170302-1135	Gas	Air
348	Oahu	Waipahu Free Will Baptist Church Making Lead Sinkers	20170302-1600	Lead	Air
349	Oahu	Black Oil in old Cesspool	20170302-1614	Unknown	Groundwater
350	Oahu	Missing Boat off Molokai	20170304-1011	Gasoline	Ocean
351	Oahu	Honolulu Disposal 3 -5 gallon of hydraulic oil release	20170307-0811	Hydraulic Oil	Asphalt
352	Oahu	Pier 11 Unknown Sheen	20170307-0842	Oil	Ocean
353	Oahu	Report of an Unknown Sheen	20170307-1656	Oil	Ocean

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	Island	Unit Name	Case Number	Substances	Media
354	Maui	MECO pad-mounted transformer #9835 release	20170309-0935	Mineral Oil/Transformer Oil	Soil
355	Oahu	Tug Namahoe Gear Oil Release	20170309-0940	Hydraulic Oil	Ocean
356	Oahu	USN Charlotte	20170310-1659	Oily Waste	Ocean
357	Oahu	Acid Spill at Hickam Base Exchange	20170310-1815	Liquid	Within Facility
358	Oahu	Unknown sheen, unknown source	20170312-0740	Diesel Oil/Marine Gas Oil	Ocean
359	Maui	Pride of America Sludge Oil release	20170312-1449	Oily Waste	Within Facility
360	Maui	PCE discovery Westin Kaanapali	20170314-1017	Tetrachloroethylene	Soil
361	Oahu	Sheen from unknown source Pearl Harbor B3	20170314-1040	Oil	Ocean
362	Oahu	HECO pad-mounted transformer #33351 release	20170315-1243	Mineral Oil/Transformer Oil	Soil
363	Oahu	hydraulic oil spill C/C excavator West Loch Golf Course	20170315-1318	Hydraulic Oil	Vegetation
364	Oahu	Sheen Ala Wai boat harbor slip 70	20170317-0858	Oil	Ocean
365	Oahu	Odors affecting caller Kahala residence	20170317-0910	Odor	Air
366	Oahu	Large sheen at Hamakua Wildlife Sanctuary Kailua	20170317-1028	Oil	Stream
367	Oahu	Odors from wastewater piping Makiki Apartment	20170318-0001	Unknown	Air
368	Oahu	Water Main Break Marine Corp Base Hawaii	20170319-1337	Liquid	Vegetation
369	Oahu	USNS Sioux hydraulic oil release	20170319-1646	Hydraulic Oil	Ocean
370	Maui	MECO pad-mounted transformer #16475 release	20170320-1048	Mineral Oil/Transformer Oil	Soil
371	Maui	MECO pad-mounted transformer #15786 release	20170320-1123	Mineral Oil/Transformer Oil	Soil
372	Oahu	HECO pad-mounted transformer #67041 release	20170321-0926	Mineral Oil/Transformer Oil	Soil
373	Maui	MECO pad-mounted transformer #15417 release	20170321-0927	Mineral Oil/Transformer Oil	Soil
374	Oahu	HECO pad-mounted transformer #33943 release	20170321-0935	Mineral Oil/Transformer Oil	Soil
375	Oahu	HECO pad-mounted transformer #33865 release	20170321-0936	Mineral Oil/Transformer Oil	Soil
376	Hawaii	HELCO pad-mounted transformer #33134 release	20170323-0915	Mineral Oil/Transformer Oil	Soil
377	Hawaii	HELCO pole-mounted transformer #20883 release	20170323-0916	Mineral Oil/Transformer Oil	Soil
378	Oahu	Transformer Oil release due to Car Accident	20170324-1030	Mineral Oil/Transformer Oil	Storm Drain
379	Maui	MECO pad-mounted transformer #15392 release	20170327-0938	Mineral Oil/Transformer Oil	Soil
380	Maui	MECO pad-mounted transformer #12112 release	20170327-0939	Mineral Oil/Transformer Oil	Soil
381	Oahu	HECO pole-mounted transformer #45073 release	20170327-0941	Mineral Oil/Transformer Oil	Soil
382	Oahu	HECO pad-mounted transformer #26802 release	20170327-0944	Mineral Oil/Transformer Oil	Soil

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	Island	Unit Name	Case Number	Substances	Media
383	Oahu	HECO pole-mounted transformer #62711 release	20170327-0945	Mineral Oil/Transformer Oil	Soil
384	Oahu	HECO pole-mounted transformer #49044 release	20170327-0946	Mineral Oil/Transformer Oil	Soil
385	Oahu	Abandoned Diesel Containers	20170328-1339	Diesel Oil/Marine Gas Oil	Air
386	Maui	Haiku Community Center Abandoned container	20170328-1700	Lube Oil/Motor Oil	Drum/Container
387	Maui	MECO pad-mounted transformer #16364 release	20170329-0955	Mineral Oil/Transformer Oil	Soil
388	Oahu	Tripoli Road Fugitive Containers	20170329-1115	Other	Drum/Container
389	Maui	MECO vault transformer #12485 release	20170329-1148	Mineral Oil/Transformer Oil	Soil
390	Maui	Kahului Consolidated Car Rental (ConRac) release	20170329-1609	Lead, Oil	Soil
391	Oahu	Strong Odor from Magic Island	20170330-1430	Other	Air
392	Oahu	Recreational Vessel's Outboard Engine Fell Off	20170331-1620	Diesel Oil/Marine Gas Oil	Ocean
393	Oahu	Unknown sheen, unknown source	20170331-1630	Oil	Ocean
394	Oahu	Recreational Boat Bilge Discharge	20170331-1712	Diesel Oil/Marine Gas Oil	Ocean
395	Oahu	Water Main Break with potential to release lead	20170331-1847	Lead	Soil
396	Oahu	HPower exceedance	20170402-0810	Other	Air
397	Oahu	Rainbow sheen, unknown source	20170402-1019	Oil	Ocean
398	Kauai	Unknown Compressed Gas Cylinder	20170403-0740	Compressed Gas Cylinder	Sand
399	Oahu	Sheen Ala Wai Boat Harbor	20170405-0733	Oil	Ocean
400	Oahu	F/V Libra	20170405-2229	Diesel Oil/Marine Gas Oil	Ocean
401	Oahu	Leak in Gas Line at Valve Box	20170406-0805	Gasoline	Impermeable Surface
402	Oahu	Chloropicrin in a Jägermeister liquor bottle	20170406-0950	Liquid	Air
403	Maui	MECO pad-mounted transformer #11494 release	20170407-1017	Mineral Oil/Transformer Oil	Concrete
404	Molokai	Kalaupapa kitchen fire cleanup	20170407-1130	Asbestos (friable), Lead	Concrete
405	Hawaii	Hawaii Petroleum tanker truck's victaulic coupler failed and leaked fuel, Hilo	20170407-1147	Diesel Oil/Marine Gas Oil	Asphalt
406	Oahu	Grounded sailboat Kalihi Channel	20170408-1548	Gasoline	Ocean
407	Oahu	sewage reported in water at Ala Moana Beach park	20170409-1835	Sewage	Ocean
408	Oahu	Kahala Towers ceiling material demo (asbestos?)	20170410-0825	Powder	Air
409	Oahu	Ala Wai Boat Harbor sheen on slips fronting Hawaii Prince Hotel	20170410-0937	Oil	Ocean

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
410	Oahu	sewage in water under pier 51 Honolulu Harbor	20170410-1045	Sewage	Ocean
411	Oahu	HECO pole-mounted transformer #71341	20170410-1136	Mineral Oil/Transformer Oil	Soil
412	Maui	MECO pad-mounted transformer #15786 release	20170410-1143	Mineral Oil/Transformer Oil	Soil
413	Oahu	Sheen Spotted Near Magic Island Ala Wai Harbor	20170411-0638	Unknown	Ocean
414	Oahu	Unknown UST Punctured Diesel Release	20170411-1518	Diesel Oil/Marine Gas Oil	Groundwater
415	Oahu	DRILL PCS Oily Water Spilled into Honolulu Harbor DRILL	20170412-1020	Oily Water Mixture	Ocean
416	Oahu	Fuel Release from Pier 38	20170412-1052	Diesel Oil/Marine Gas Oil	Ocean
417	Kauai	Bio-hazard bag found at Mahalepu Beach, Kauai	20170412-1130	Biohazard/Medical Waste	Sand
418	Oahu	HECO pole-mounted transformer #32407 release	20170413-1000	Mineral Oil/Transformer Oil	Soil
419	Oahu	Oily Water Release from Matson Ship "Matsonia"	20170414-1600	Oily Water Mixture	Ocean
420	Maui	MECO pad -mounted transformer #7980 release	20170417-1038	Mineral Oil/Transformer Oil	Soil
421	Oahu	HECO POLE-MOUNTED TRANSFORMER #96744 RELEASE	20170417-1043	Mineral Oil/Transformer Oil	Soil
422	Maui	Potential Release from Vessel Grounded at Port Mala	20170417-1156	Diesel Oil/Marine Gas Oil	Ocean
423	Maui	Fuel Dump over ocean due to Medical Emergency	20170417-1500	Jet Fuel/Kerosene	Air
424	Kauai	SUV stuck in sand	20170418-1149	Gasoline	Sand
425	Molokai	MECO 3-small pole transformer release	20170418-1442	Mineral Oil/Transformer Oil	Asphalt
426	Molokai	Hydraulic tank spill from a tractor	20170418-1445	Mineral Oil/Transformer Oil	Gravel
427	Oahu	Tow tractor transaxle Release, Hawaiian Airlines	20170419-1105	Lube Oil/Motor Oil	Storm Drain
428	Maui	Old Metal Rusty Drum	20170419-1700	Jet Fuel/Kerosene	Drum/Container
429	Hawaii	Impact Hammer Hose Oil Release	20170420-0800	Hydraulic Oil	Ocean
430	Oahu	Odor from Bionic Chevron	20170420-0920	Diesel Oil/Marine Gas Oil	Air
431	Oahu	HECO POLE-MOUNTED TRANSFORMERS #62454 & 62457 RELEASE	20170420-1047	Mineral Oil/Transformer Oil	Soil
432	Oahu	HECO pad-mounted transformer #78695 release	20170420-1059	Mineral Oil/Transformer Oil	Soil
433	Oahu	F/V Elizabeth on fire	20170420-1420	Diesel Oil/Marine Gas Oil	Air
434	Oahu	Pearl Harbor Unknown Sheen	20170421-0900	Oil	Ocean
435	Oahu	F-24 release from an ASV	20170421-1820	Jet Fuel/Kerosene	Storm Drain
436	Oahu	Grease Trap overflow	20170422-1605	Solid Waste	Within Facility
437	Oahu	Generator Room Diesel Fuel Day Tank Overflow	20170422-1915	Diesel Oil/Marine Gas Oil	Within Facility

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	Island	Unit Name	Case Number	Substances	Media
438	Kauai	Kamalani Unknown Compressed Gas Cylinder	20170423-0847	Compressed Gas Cylinder	Other
439	Maui	MECO pad-mounted transformer #17069 release	20170424-1002	Mineral Oil/Transformer Oil	Concrete
440	Maui	Canadian aircraft fuel discharge	20170424-1003	Jet Fuel/Kerosene	Air
441	Maui	MECO pad-mounted transformer #6705 release	20170424-1008	Mineral Oil/Transformer Oil	Concrete
442	Oahu	large oil sheen Honolulu Country Club	20170424-1019	Oil	Stream
443	Molokai	Sailboat grounding	20170424-1130	Diesel Oil/Marine Gas Oil, Gasoline	Ocean
444	Oahu	Petroleum discovery at 230 Beretania Street	20170424-1449	Oil	Groundwater
445	Oahu	Anhydrous ammonia release Hawaiian Ice pier 38	20170424-2350	Ammonia	Air
446	Oahu	Oil discharge from boat by Waikiki Yacht Club	20170426-1206	Oil	Ocean
447	Oahu	HECO pad-mounted transformer #64398 release	20170426-1247	Mineral Oil/Transformer Oil	Soil
448	Oahu	HECO pole-mounted transformer #60547 release	20170426-1248	Mineral Oil/Transformer Oil	Soil
449	Maui	Sam Sung Note 5 caught fire while charging	20170426-1545	Container	Within Facility
450	Oahu	motor oil spill Kiewit pre cast yard Kapolei	20170426-1815	Lube Oil/Motor Oil	Coral
451	Oahu	Navy's Tank 47 flange failure diesel spill	20170427-1237	Diesel Oil/Marine Gas Oil	Within Facility
452	Maui	MECO pad-mounted transformer #15787 release	20170428-1153	Mineral Oil/Transformer Oil	Concrete
453	Oahu	black smoke from stack UH Manoa	20170428-1339	Gas	Air
454	Oahu	Potential Release of Oily Wastewater at Aloha Refinery	20170428-1634	Oily Water	Soil
455	Hawaii	Potential land mine on beach at Old Kona Airport	20170428-1636	Container	Sand
456	Oahu	Sheen in Honolulu Harbor from unknown source	20170429-0735	Oil	Ocean
457	Oahu	Sheen at pier 52 source unknown	20170430-0900	Unknown	Ocean
458	Oahu	Release of SO2 From PAR Refinery	20170501-0749	Sulfur dioxide	Air
459	Oahu	Tripoli Road fugitive dumping	20170501-1345	Unlisted hazardous wastes characteristic of ignitability	Within Facility
460	Oahu	Loading Crane Fuel Spill at Pearl Harbor	20170502-0850	Diesel Oil/Marine Gas Oil	Ocean
461	Hawaii	Sheen Spotted in the Alenuihaha	20170502-1116	Unknown	Ocean
462	Oahu	Potential Release from Ala Wai Small Boat Harbor Slip 663	20170503-0709	Diesel Oil/Marine Gas Oil	Ocean
463	Oahu	Sunken Vessel Leaking Diesel at Boat Harbor	20170503-0840	Diesel Oil/Marine Gas Oil	Ocean
464	Oahu	Small Fuel Leak from the USS Somerset	20170503-1043	Diesel Oil/Marine Gas Oil	Ocean

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	Island	Unit Name	Case Number	Substances	Media
465	Oahu	Par Hawaii Flare release	20170503-1546	Sulfur dioxide	Air
466	Oahu	Release form Crane at USCG Base Honolulu	20170503-1627	Hydraulic Oil	Ocean
467	Oahu	Ethyl Mercaptan Release on Moowaa St.	20170506-0916	Gas	Air
468	Oahu	USCG Base Honolulu Unitek Vacuum Truck Release	20170508-1040	Oily Water Mixture	Ocean
469	Oahu	Island Energy Weathered Oil	20170508-1731	Diesel Oil/Marine Gas Oil	Groundwater
470	Oahu	Honeywell Integrated Bioreactor	20170509-1530	Other	Soil
471	Oahu	Signature Flight Support (HFFC) Hydrant System Release	20170509-1644	Jet Fuel/Kerosene	Concrete
472	Oahu	Sheen at Pier 53	20170510-0815	Diesel Oil/Marine Gas Oil	Ocean
473	Oahu	Unknown sheen, unknown source 5-11-2017	20170511-0740	Oil	Ocean
474	Maui	Not a release	20170512-1516	Container	Air
475	Hawaii	Vessel Liana capsized	20170513-1503	Oil	Ocean
476	Oahu	Abandon 5-gallon container Kalaeloa	20170515-1623	Unknown	Soil
477	Oahu	Noxious odor impacts Kahala Elementary and KCAA schools	20170516-1034	Odor	Air
478	Kauai	Sailboat "Epic" soft grounding Nawiliwili Harbor	20170517-1026	Diesel Oil/Marine Gas Oil	Ocean
479	Oahu	Sheen Honolulu Harbor P51 and P52	20170518-0716	Oil	Ocean
480	Oahu	Sheen Ala Wai Yacht Club	20170519-1352	Oil	Ocean
481	Oahu	Matson shipping container leaking onto ship	20170521-0635	Liquid	Within Facility
482	Oahu	sewage spill from aircraft service vehicle	20170521-0636	Sewage	Storm Drain
483	Maui	Diesel spill on boat into water @ Maalaea Harbor	20170522-0805	Diesel Oil/Marine Gas Oil	Ocean
484	Hawaii	Not a release. Par Hawaii Hilo Terminal Oil Spill Facility Response Plan	20170522-1300	Other	Within Facility
485	Molokai	Not a release. Par Hawaii Molokai Terminal Oil Spill Facility Response Plan	20170522-1305	Other	Within Facility
486	Maui	Possible Release from Car Crash By Nakalele Light House	20170522-2026	Gasoline	Ocean
487	Maui	Compress Gas Cylinder found at Kehei Boat Ramp	20170523-0748	Compressed Gas Cylinder	Air
488	Oahu	HECO pad-mounted transformer #26802	20170525-1030	Mineral Oil/Transformer Oil	Soil
489	Oahu	Island Energy Services Diesel Spill in Kapolei	20170525-1111	Diesel Oil/Marine Gas Oil	Ocean
490	Oahu	Ala Wai Boat Harbor Sheen, Slip 700s	20170525-1656	Unknown	Ocean
491	Oahu	Possible Air Pollutant in Apartment	20170526-0039	Gas	Air

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
492	Northwestern Hawaiian Islands	Small Gasoline Spill from Outboard Engine in NW Hawaiian Islands	20170526-1014	Gasoline	Ocean
493	Maui	MECO transformer #7957 release	20170526-1020	Mineral Oil/Transformer Oil	Soil
494	Oahu	United Air Line Cargo Hauler	20170527-1656	Hydraulic Oil	Storm Drain
495	Maui	P/C Obsession	20170528-0839	Gasoline	Sand
496	Oahu	HECO 3 Single Phase Bank Transformer #s 69362, 69363, 69364	20170529-1006	Mineral Oil/Transformer Oil	Asphalt
497	Oahu	Pier 37 Sheen	20170530-0930	Oil	Ocean
498	Maui	MECO transformer #9863 release	20170530-1103	Mineral Oil/Transformer Oil	Soil
499	Maui	MECO transformer #8467 release	20170530-1310	Mineral Oil/Transformer Oil	Soil
500	Oahu	Oil discovery Kalaeloa Boulevard improvement; 13th occurrence for the project	20170530-1329	Oil	Coral
501	Oahu	DSR Direct Support Resources Tractor Diesel Release	20170530-1608	Diesel Oil/Marine Gas Oil	Asphalt
502	Oahu	Reporting Gas Seeping into Apartment	20170531-0850	Odor	Air
503	Oahu	Gas Pump Malfunction	20170531-1400	Gasoline	Concrete
504	Oahu	Green and Pink Powdery substance	20170531-1439	Powder	Other
505	Oahu	Not a Release. Bomb Threat	20170531-1510	Other	Within Facility
506	Kauai	Paradise 76 Speedy Lube Release	20170601-1520	Oil	Soil
507	Oahu	Unknown Object	20170601-1523	Container	Sand
508	Oahu	HECO pad-mounted transformer #65186 release	20170602-1215	Mineral Oil/Transformer Oil	Concrete
509	Oahu	HECO pad-mounted transformer #35583 release	20170602-1309	Mineral Oil/Transformer Oil	Soil
510	Oahu	Possible Herbicides Used at Solar Farm	20170603-1058	Liquid	Air
511	Oahu	SO2 Release from PARR	20170603-1115	Sulfur dioxide	Air
512	Kauai	Possible Release from Capsized Vessel	20170603-2018	Diesel Oil/Marine Gas Oil	Ocean
513	Oahu	Potential Release from a Detachable Fuel Tank	20170605-0709	Gasoline	Ocean
514	Oahu	fuel spill exercise US Army Garrison Hawaii	20170607-0405	Jet Fuel/Kerosene	Soil
515	Maui	MECO pad-mounted transformer #3411 release	20170608-1015	Mineral Oil/Transformer Oil	Soil
516	Oahu	Brown slick Ala Wai Canal	20170609-0920	Liquid	Ocean

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
517	Oahu	Stainmaster paint sealer leaking from tank on Young Brothers' barge	20170609-1057	Liquid	Ocean
518	Maui	MECO pad-mounted transformer #14460 release	20170613-1003	Mineral Oil/Transformer Oil	Concrete
519	Kauai	Capsized Vessel near Anahola	20170613-1953	Diesel Oil/Marine Gas Oil	Ocean
520	Oahu	Possible Oil in the Ala Wai Canal	20170614-0848	Liquid	Stream
521	Oahu	Unknown Sheen at Kapalama Basin	20170615-0900	Unknown	Ocean
522	Oahu	Honolulu Disposal Spill at N King Street	20170615-1050	Diesel Oil/Marine Gas Oil	Storm Drain
523	Oahu	Hydraulic Oil Spill in Storm Drain	20170615-1550	Hydraulic Oil	Storm Drain
524	Kauai	Sinking vessel in Nawiliwili Harbor	20170616-0747	Diesel Oil/Marine Gas Oil	Ocean
525	Maui	MECO pad-mounted transformer #12399 release	20170619-1038	Mineral Oil/Transformer Oil	Concrete
526	Maui	MECO pad-mounted transformer #6705 release	20170619-1039	Mineral Oil/Transformer Oil	Concrete
527	Oahu	Drill Pier 33 PENCO Bilge Water Release Drill	20170619-1320	Wastewater	Other
528	Oahu	Unknown sheen	20170620-0657	Unknown	Ocean
529	Oahu	Unknown sheen, unknown source	20170620-0723	Unknown	Ocean
530	Oahu	Vietnam Vessel CSB-8020 release	20170620-0850	Diesel Oil/Marine Gas Oil	Ocean
531	Hawaii	Hawaii Pre-cast Convault Diesel Release	20170620-1520	Diesel Oil/Marine Gas Oil	Gravel
532	Maui	Vessel Shangrila Oil Release	20170622-1046	Oil	Ocean
533	Hawaii	Vessel Pumehana HA1054K Capsized	20170622-1134	Diesel Oil/Marine Gas Oil	Ocean
534	Hawaii	Unknown Sheen Diesel Odor	20170623-0724	Diesel Oil/Marine Gas Oil	Ocean
535	Maui	Mile Marker 29 Hana Highway - Allegation of 10 cars buried into the ground	20170623-1000	Gasoline	Soil
536	Maui	Vessel Dominion Diesel Release	20170623-1046	Diesel Oil/Marine Gas Oil	Ocean
537	Oahu	Pipeline flange leak	20170623-2315	Diesel Oil/Marine Gas Oil	Soil
538	Oahu	Ala Wai Heavy Brown Substance	20170625-2228	Unknown	Stream
539	Oahu	Castle and Cooke Three fugitive containers	20170626-0209	Toluene	Within Facility
540	Hawaii	Mystery reflective sheen	20170626-0634	Unknown	Stream
541	Maui	MECO pad-mounted transformer #10396 release	20170626-0951	Mineral Oil/Transformer Oil	Concrete
542	Maui	MECO pad-mounted transformer #7748 release	20170626-0952	Mineral Oil/Transformer Oil	Concrete
543	Oahu	USS Greensville Spill	20170627-1430	Diesel Oil/Marine Gas Oil	Ocean

HAWAII STATE RESPONSE PROGRAM CHEMICAL RELEASE NOTIFICATION LOG FY2017

	Island	Unit Name	Case Number	Substances	Media
544	Oahu	Potential Release from Sinking Vessel	20170628-1900	Diesel Oil/Marine Gas Oil	Ocean
545	Maui	MECO Transformer Oil Release Due to Vandalism	20170629-1343	Mineral Oil/Transformer Oil	Soil
546	Oahu	Flare Release at PAR Hawaii Refinery	20170629-2226	Hydrogen sulfide	Air

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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 FY2017, HEER had oversight responsibilities for 875 active sites, and reached No Further Action determinations at 37 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. 572 active sites under direct DOH oversight in the various State programs are listed. 25 state sites with known or suspected contamination received No Further Action Determinations. Of those, 14 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 303 sites that are co-managed by DOH and DOD under CERCLA and HRS 128D authorities.
The HEER Office performs periodic quality assurance/quality control checks on the data for inconsistencies and discrepancies. The end result of these efforts has led to identifying an additional 71 sites that have been addressed by the HEER Office and hence removed from the active site list in addition to the 26 No Further Action sites that were removed from last year's list, leading to the total number of active sites being reduced from 400 to 303. Further checks will be performed throughout the upcoming year to ensure the accuracy of the data being presented.
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 2017, clean up decisions were reached at 12 DSMOA sites, some of which will require ongoing management of residual contamination through Environmental Hazard Management Plans. 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).

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FY2017 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 FY2017 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.

Program Category	Program Action	High Priority	Medium Priority	Low Priority	NFA Restricted	NFA Unrestricted	Total
State	Assessment	3	35	130	2	2	172
	Response	65	137	89	12	6	309
Brownfields	Assessment	0	1	7	0	0	8
	Response	4	9	5	0	0	18
VRP	Assessment	0	2	1	0	0	3
	Response	1	0	0	0	0	1
Site Discovery & PA/SI	Assessment	1	14	26	0	3	44
	Response	1	7	6	0	0	14
NPL	Assessment	0	0	0	0	0	0
	Response	0	2	1	0	0	3
Total		75	207	265	14	11	572

	Program Action	High Priority	Medium Priority	Low Priority	NFA	Total
DSMOA	Assessment	6	56	172	5	239
	Response	13	25	18	3	58
	Remedy Selection Complete	0	0	1	4	5
Total		19	81	191	12	303

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HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
1	Cocos	Cocos Island	Long Range Navigation Station Cocos Island	Low	Assessment	Hazard Undetermined	Ongoing	State
2	French Frigate	Tern Island	Tern Island	Low	Response	Hazard Present	Ongoing	State
3	Hawaii	Hakalau	Mauna Kea Sugar - Hakalau Sugar Plantation	High	Response	Hazard Present	Ongoing	State
4	Hawaii	Hakalau	Hakalau Sugar Mill	Low	Assessment	Hazard Undetermined	Inactive	State
5	Hawaii	Hakalau	Umauma Stream Bridge	Medium	Assessment	Hazard Undetermined	Ongoing	State
6	Hawaii	Hamakua	Agent Orange Application	Low	Response	Hazard Undetermined	Inactive	State
7	Hawaii	Hamakua	Hakalau Stream Bridge	High	Assessment	Hazard Undetermined	Ongoing	State
8	Hawaii	Hawi	Harbottle Property	Low	Assessment	Hazard Undetermined	Ongoing	State
9	Hawaii	Hawi	Westrum Property	Medium	Assessment	Hazard Undetermined	Ongoing	State
10	Hawaii	Hilo	888 Kalanianaole Avenue	NFA	Response	Hazard Managed with Engineering Controls	NFA	State
11	Hawaii	Hilo	Big Island Asphalt Co Inc	Medium	Response	Hazard Present	Ongoing	State
12	Hawaii	Hilo	Equilon Enterprises LLC - Hilo Terminal (Shell Oil Co)	Low	Response	Hazard Present	Ongoing	State
13	Hawaii	Hilo	Kawailani Central Office	Medium	Assessment	Hazard Undetermined	Ongoing	State
14	Hawaii	Hilo	Hatada Bakery (Former)	Low	Response	Hazard Managed with Institutional Controls	Inactive	State
15	Hawaii	Hilo	Hawaii County DWS - Former Steel Water Tank Kawailani Street, Hilo	Medium	Assessment	Hazard Present	Ongoing	State
16	Hawaii	Hilo	Hawaii County Kamehameha Avenue Improvements	Medium	Assessment	Hazard Undetermined	Ongoing	State
17	Hawaii	Hilo	Hawaii Pest Control	Medium	Response	Hazard Present	Ongoing	State

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
18	Hawaii	Hilo	HELCO Substation: Kuhio	Medium	Assessment	Hazard Present	Ongoing	State
19	Hawaii	Hilo	Hilo Harbor Interisland Cargo Dock	Low	Assessment	Hazard Undetermined	Ongoing	State
20	Hawaii	Hilo	Hilo Memorial Hospital	Low	Response	Hazard Undetermined	Ongoing	State
21	Hawaii	Hilo	Hilo Quality Washerette	Low	Response	Hazard Managed with Institutional Controls	Ongoing	State
22	Hawaii	Hilo	Hilo Terminal 666 Kalanianaole Avenue	Medium	Response	Hazard Present	Ongoing	State
23	Hawaii	Hilo	Wood Protection Company (HPM Building Supply)	Low	Assessment	Hazard Present	Ongoing	State
24	Hawaii	Hilo	Highway 19, Mile Marker 28.5	Low	Assessment	Hazard Undetermined	Ongoing	State
25	Hawaii	Hilo	Kanoelehua Industrial Warehouse	Low	Assessment	Hazard Undetermined	Inactive	Brownfields Site
26	Hawaii	Hilo	Keaukaha Military Reservation Container Disposal	Low	Assessment	Hazard Undetermined	Ongoing	HIANG Site
27	Hawaii	Hilo	Kuawa Street Soccer Fields Development Site	Medium	Response	Hazard Present	Ongoing	State
28	Hawaii	Hilo	Lanakila Homes Phase 3B-4	Medium	Assessment	Hazard Present	Ongoing	State
29	Hawaii	Hilo	Larry's Waiakea Chevron	Low	Response	Hazard Present	Ongoing	State
30	Hawaii	Hilo	Mauna Kea Sugar - Onomea Seed Dipping Area	Low	Assessment	Hazard Present	Ongoing	Site Discovery
31	Hawaii	Hilo	Mauna Kea Sugar - Hilo Sugar Pesticide Mixing Area	Medium	Assessment	Hazard Present	Ongoing	Site Discovery
32	Hawaii	Hilo	Old Hilo Canec Plant	Low	Assessment	Hazard Present	Ongoing	State
33	Hawaii	Hilo	Tesoro Hawaii Corporation Terminal Department - 595 Kalanianaole	Low	Assessment	Hazard Undetermined	Ongoing	State
34	Hawaii	Hilo	Aloha Petroleum Hilo Bulk Plant	Medium	Response	Hazard Present	Ongoing	State

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
35	Hawaii	Hilo	Tesoro Hawaii Corporation Terminal Department - 607 Kalanianaole	Low	Assessment	Hazard Present	Ongoing	State
36	Hawaii	Hilo	UH Hilo Pacific Aquaculture and Ocean Resources Center	Low	Assessment	Hazard Undetermined	Ongoing	State
37	Hawaii	Hilo	UST excavated Bishop and Kamehameha	Low	Assessment	Hazard Undetermined	Ongoing	State
38	Hawaii	Hilo	Waiakea Mill Company	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
39	Hawaii	Hilo	Waiakea Mill Company - Camp 2	Medium	Assessment	Hazard Present	Ongoing	Site Discovery
40	Hawaii	Hilo	Waiakea Mill Company - Camp 6	Medium	Assessment	Hazard Present	Ongoing	Site Discovery
41	Hawaii	Hilo	Waiakea Mill Company - Waiakea Uka Park	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
42	Hawaii	Hilo	Hawaii Cane Products Plant - Waiakea Pond	High	Response	Hazard Present	Ongoing	State
43	Hawaii	Hilo	Waiakea Upland Arsenic Site	Low	Assessment	Hazard Present	Inactive	State
44	Hawaii	Hilo	Wailoa River State Recreation Area	Medium	Assessment	Hazard Present	Ongoing	Site Discovery
45	Hawaii	Honokaa	Hamakua Sugar Company Inc - Kawela Pesticide Mixing Area	Low	Response	Hazard Undetermined	Ongoing	Site Discovery
46	Hawaii	Honokaa	Hamakua Sugar Company, Inc - Honokaa Haina Mill Pesticide Mixing Area	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
47	Hawaii	Honolulu	NOAA Daniel K. Inouye Regional Center	Low	Assessment	Hazard Undetermined	Ongoing	State
48	Hawaii	Honomu	Honomu Sugar Company Poison Warehouse	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
49	Hawaii	Honomu	Kolekole Stream Bridge	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
50	Hawaii	Honomu	Paheehee Stream Bridge	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
51	Hawaii	Kailua	Kealakehe Transfer Station	Medium	Assessment	Hazard Present	Ongoing	State

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
52	Hawaii	Kailua-Kona	Cellana Kona Demonstration Facility	Low	Assessment	Hazard Present	Ongoing	State
53	Hawaii	Kailua-Kona	Hawaii Petroleum- Kona Branch (Kona Warehouse & Cardlock)	Low	Assessment	Hazard Undetermined	Ongoing	State
54	Hawaii	Kailua-Kona	Honokohau Industrial Park-Lower Boat Park Soil Contamination	Low	Response	Hazard Undetermined	Ongoing	State
55	Hawaii	Kamuela	Kamuela Baseyard	Low	Assessment	Hazard Undetermined	Inactive	State
56	Hawaii	Kamuela	Mid Pac Petroleum	Low	Assessment	Hazard Undetermined	Ongoing	State
57	Hawaii	Kamuela	Waimea Quarry	Low	Assessment	Hazard Undetermined	Ongoing	State
58	Hawaii	Kapaau	Niulii Mill	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
59	Hawaii	Kawaihae	Akana Petroleum, Inc-Kawaihae Harbor	Medium	Assessment	Hazard Undetermined	Ongoing	State
60	Hawaii	Keaau	Kamehameha Schools Keaau Campus	Low	Assessment	Hazard Undetermined	Ongoing	State
61	Hawaii	Keaau	Keaau Pahoa Road 118 Acre Parcel	Low	Response	Hazard Present	Inactive	State
62	Hawaii	Keaau	Keaau Hotel Site	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
63	Hawaii	Keaau	Keaau Middle School	Low	Assessment	Hazard Managed with Institutional Controls	Inactive	State
64	Hawaii	Keaau	Keaau Triangle Lot	Low	Response	Hazard Present	Inactive	State
65	Hawaii	Keaau	Keaau VRP Site	High	Assessment	Hazard Managed with Engineering Controls	Ongoing	State
66	Hawaii	Keaau	Puna Sugar Mill	Medium	Assessment	Hazard Present	Ongoing	Site Discovery
67	Hawaii	Keaau	Ulupono Street Lots 10 and 11 Keaau Hawaii	Medium	Response	Hazard Present	Ongoing	Site Discovery

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
68	Hawaii	Kealakekua	Kealakekua Heritage Ranch	Low	Response	Hazard Present	Ongoing	State
69	Hawaii	Keauhou	Keauhou Mechanics Yard	Low	Assessment	Hazard Undetermined	Inactive	State
70	Hawaii	Kohala	Kohala Sugar Company	NFA	Response	No Hazard	NFA	State
71	Hawaii	Lahaina	Former Minoru Kamahara Chevron	Low	Response	Hazard Present	Ongoing	State
72	Hawaii	Laupahoehoe	35-2078 Hulaana Place	Medium	Assessment	Hazard Undetermined	Ongoing	State
73	Hawaii	Laupahoehoe	Laupahoehoe Sugar Company Camp 16 Waipunalei Seed Treatment Area	NFA	Assessment	No Hazard	NFA	Site Discovery
74	Hawaii	Laupahoehoe	Hamakua Sugar Company, Inc - Papaaloa Pesticide Mixing Area	Low	Assessment	Hazard Present	Ongoing	Site Discovery
75	Hawaii	Naalehu	Hutchinson Sugar Plantation Company - Pesticide Mixing Area	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
76	Hawaii	Naalehu	Hutchinson Sugar Plantation Company - Seed Dipping Vat	Medium	Assessment	Hazard Present	Ongoing	Site Discovery
77	Hawaii	Naalehu	Kaalaiki Industrial Lot D	High	Response	Hazard Present	Ongoing	Fast Track
78	Hawaii	Naalehu	Kaalaiki Industrial Lots B-D	High	Response	Hazard Present	Ongoing	Fast Track
79	Hawaii	Naalehu	Kau Agribusiness Hutchinson Sugar Mill Honuapo	Low	Assessment	Hazard Undetermined	Ongoing	State
80	Hawaii	Naalehu	Hawaii Petroleum Distributors, Inc 200 Gallon Fuel Spill	Low	Assessment	Hazard Present	Inactive	State
81	Hawaii	Ninole	Nanue Stream Bridge	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
82	Hawaii	Ookala	Ookala Gym and Ball Park	Low	Assessment	Hazard Present	Inactive	Brownfields
83	Hawaii	Paauhau	Hamakua Sugar Company, Inc - Paauhau Seed Dipping Plant	Low	Response	Hazard Managed with Institutional Controls	Ongoing	Site Discovery
84	Hawaii	Paauhau	Hamakua Sugar Company, Inc - Paauhau Sugar Mill	Medium	Response	Hazard Present	Ongoing	Site Discovery

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
85	Hawaii	Paauilo	Hamakua Sugar Company - Ookala Mill Pesticide Storage Area	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
86	Hawaii	Paauilo	Hamakua Sugar Company, Inc - Paauilo Seed Dipping Plant	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	Site Discovery
87	Hawaii	Paauilo	Hamakua Sugar Company, Inc - Paauilo Sugar Mill Pesticide Mixing Area	High	Assessment	Hazard Present	Ongoing	Site Discovery
88	Hawaii	Paauilo	Hamakua Sugar Company, Inc - Asbestos Disposal Site	Low	Assessment	Hazard Present	Ongoing	State
89	Hawaii	Paauilo	Mauna Kea Ranch Overspill Spillage	Low	Assessment	Hazard Undetermined	Inactive	State
90	Hawaii	Pahala	ML Macadamia Orchards, LP (Kau Div)	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
91	Hawaii	Pahala	Kau Sugar Mill	Medium	Response	Hazard Present	Ongoing	State
92	Hawaii	Papaikou	27-0330 Mamalahoa Highway Collision	Low	Response	Hazard Undetermined	Ongoing	State
93	Hawaii	Papaikou	Kapue Stream Bridge	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
94	Hawaii	Papaikou	Mauna Kea Sugar Papaikou Garage Pesticide Storage and Loading Area	NFA	Assessment	No Hazard	NFA	Site Discovery
95	Hawaii	Papaikou	Mauna Kea Sugar - Onomea Sugar Papaikou Mill Pesticide Mixing Area	High	Response	Hazard Present	Ongoing	Site Discovery
96	Hawaii	Pepeekeo	Black Oil and Drum Sites	Low	Response	Hazard Present	Ongoing	State
97	Hawaii	Pepeekeo	Hilo Coast Power Company Diesel Fuel Storage Tank	Low	Response	Hazard Managed with Institutional Controls	Ongoing	State
98	Hawaii	Pepeekeo	Hawaiian Rainbows Sump	Low	Assessment	Hazard Undetermined	Ongoing	State
99	Hawaii	Pepeekeo	Hu Honua Bioenergy Plant	Low	Assessment	Hazard Undetermined	Ongoing	State

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
100	Hawaii	Pepeekeo	Kraus Property	Medium	Assessment	Hazard Present	Ongoing	State
101	Hawaii	Pepeekeo	Mauna Kea Sugar - Pepeekeo Mill Herbicide Mixing Area	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
102	Hawaii	South Kona	Kamehameha Schools Estoy Property	Medium	Response	Hazard Present	Ongoing	State
103	Hawaii	Waipunalei	Hamakua Sugar Company, Inc - Waipunalei	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	Site Discovery
104	Kauai	Barking Sands	Grace Pacific Corporation - Barking Sands HMA Plant	Low	Assessment	Hazard Undetermined	Ongoing	State
105	Kauai	Barking Sands	Kauai Test Facility	Low	Assessment	Hazard Present	Ongoing	State
106	Kauai	Eleele	McBryde Sugar Numila Pesticide Mixing Area	Medium	Assessment	Hazard Present	Ongoing	State
107	Kauai	Eleele	Port Allen Terminal	Low	Assessment	Hazard Undetermined	Ongoing	State
108	Kauai	Hanamaulu	Grace Pacific Corporation - Hanamaulu Facility	NFA	Assessment	Hazard Managed with Engineering Controls	NFA	State
109	Kauai	Hanamaulu	Lihue Plantation Co, Ltd - Lihue Herbicide Mixing Plant	Medium	Response	Hazard Undetermined	Ongoing	State
110	Kauai	Hanapepe	Sakoda Garage	Low	Response	Hazard Present	Ongoing	State
111	Kauai	Kalaheo	Kalaheo Elementary Phase 1	Low	Assessment	Hazard Undetermined	Ongoing	State
112	Kauai	Kapaa	Coconut Marketplace	Low	Response	Hazard Managed with Institutional Controls	Ongoing	State
113	Kauai	Kapaa	Leonard's, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
114	Kauai	Kapaa	Hawaiian Fruit Packers Poison Mixing Site	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
115	Kauai	Kapaa	Wailua Homestead Wells 0421-01& 02	Low	Response	Hazard Present	Inactive	State
116	Kauai	Kekaha	7723 Iwipolena Road	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
117	Kauai	Kekaha	HIANG Kekaha	Low	Assessment	Hazard Undetermined	Ongoing	State
118	Kauai	Kekaha	Kekaha Dump Area	Low	Response	Hazard Present	Ongoing	State
119	Kauai	Kekaha	Kekaha Sugar Co, Ltd	Medium	Response	Hazard Present	Ongoing	State
120	Kauai	Kekaha	Kekaha Sugar Co, Ltd - Kekaha Wood Treatment Plant	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
121	Kauai	Kekaha	Pioneer Hi-Bred	Low	Assessment	Hazard Undetermined	Ongoing	State
122	Kauai	Kilauea	Hale Hoolulu-Kilauea	Low	Response	Hazard Present	Ongoing	State
123	Kauai	Lihue	Former Ahukini Dump	Low	Assessment	Hazard Present	Ongoing	State
124	Kauai	Lihue	Koamalu Plantation LLC Condominium	Medium	Response	Hazard Undetermined	Ongoing	State
125	Kauai	Lihue	Lihue Plantation Co, Ltd	Medium	Response	Hazard Present	Ongoing	Brownfields
126	Kauai	Lihue	Lihue Plantation Co, Ltd - Lihue Sugar Mill and Power Plant	Medium	Assessment	Hazard Undetermined	Ongoing	Brownfields
127	Kauai	Lihue	Nawiliwili Fuel Distribution Terminal	Low	Response	Hazard Managed with Institutional Controls	Ongoing	State
128	Kauai	Lihue	Nawiliwili Harbor Pier 1 Fuel Contamination	Low	Assessment	Hazard Undetermined	Inactive	State
129	Kauai	Lihue	Nawiliwili Harbor Pier 2 Oil Spill	Low	Assessment	Hazard Undetermined	Inactive	State
130	Kauai	Lihue	Nawiliwili Harbor Pier 3 Bollard Foundation Construction	Low	Assessment	Hazard Undetermined	Inactive	State
131	Kauai	Lihue	Nawiliwili Harbor Pier 3 Improvements	Low	Assessment	Hazard Present	Inactive	State
132	Kauai	Port Allen	Port Allen Radio Range	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
133	Kauai	Port Allen	Port Allen Shed Renovation	Low	Assessment	Hazard Undetermined	Inactive	State
134	Kauai	Princeville	Princeville Water System PCB Contamination	High	Response	Hazard Present	Ongoing	State
135	Kauai	Puhi	Grove Farm Company at Puhi	Medium	Assessment	Hazard Present	Ongoing	Site Discovery

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
136	Kauai	Wailua	Coco Palms Sewage Pump Station	Low	Assessment	Hazard Undetermined	Inactive	State
137	Kauai	Waimea	Meadow Gold Dairies, Inc-Waimea	Low	Response	Hazard Present	Inactive	State
138	Kauai	Waimea	Navy MFH PMRF Barking Sands	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
139	Kauai	Waimea	Waimea Sugar Company	Low	Assessment	Hazard Present	Ongoing	Site Discovery
140	Kure Atoll	Kure Atoll	Kure Atoll, U.S. Coast Guard	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
141	Lanai	Lanai City	Dole Lanai Plantation	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
142	Lanai	Lanai City	Former Emulsion Plant - Fraser Development Site	Medium	Response	Hazard Present	Ongoing	State
143	Lanai	Lanai City	Lanai City Expansion 200 Housing Units	Medium	Response	Hazard Present	Ongoing	State
144	Maui	Haiku	Nahiku Rubber Company	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
145	Maui	Hana	Kaeleku Plantation Company Mill	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
146	Maui	Kahului	A&B Central Power Plant Pipelines	Medium	Assessment	Hazard Present	Ongoing	State
147	Maui	Kahului	A&B Properties, Inc., Agricultural Deep Soil Dump Lot 6	Low	Assessment	Hazard Undetermined	Ongoing	State
148	Maui	Kahului	Kahului Terminal	Low	Response	Hazard Present	Ongoing	State
149	Maui	Kahului	Fong Construction	Low	Assessment	Hazard Undetermined	Inactive	State
150	Maui	Kahului	Hobron Ave Area (Kahului)	Low	Response	Hazard Present	Ongoing	State
151	Maui	Kahului	Kahului Harbor Parcel B	Low	Assessment	Hazard Undetermined	Ongoing	State
152	Maui	Kahului	Maui Pineapple Co Ltd, Kane Street	Low	Assessment	Hazard Undetermined	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
153	Maui	Kahului	A&B Properties, Inc., Suspected Former Agricultural Deep Soil Dump	NFA	Response	No Hazard	NFA	State
154	Maui	Kahului	MECO Pole-Mount Transformer No. 6930	Low	Assessment	Hazard Undetermined	Inactive	State
155	Maui	Kahului	Kahului Harbor Pier 1	Low	Assessment	Hazard Present	Ongoing	State
156	Maui	Kahului	Sears Auto Center	Low	Assessment	Hazard Undetermined	Inactive	State
157	Maui	Kahului	Kahului Fuel Distribution Terminal	Low	Response	Hazard Present	Ongoing	State
158	Maui	Kahului	VIP Warehouse	Low	Assessment	Hazard Present	Ongoing	State
159	Maui	Kihei	A&B Properties Former Agricultural Land Kihei Maui	Medium	Assessment	Hazard Undetermined	Ongoing	State
160	Maui	Kihei	Hawaii Army National Guard - Puunene Armory	Low	Assessment	Hazard Undetermined	Ongoing	State
161	Maui	Kihei	Kamalani Borrow Sites	Medium	Assessment	Hazard Undetermined	Ongoing	State
162	Maui	Kihei	Makena Radio Range	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
163	Maui	Lahaina	Westin Maui	Low	Assessment	Hazard Undetermined	Ongoing	State
164	Maui	Lahaina	Kapalua Resort Company	Low	Assessment	Hazard Undetermined	Ongoing	State
165	Maui	Lahaina	Lahaina Cannery Mall Phase II Assessment	Low	Response	Hazard Undetermined	Ongoing	State
166	Maui	Lahaina	Maui Land and Pineapple Company Honolua Pesticide Mixing Area	Medium	Response	Hazard Present	Ongoing	Site Discovery
167	Maui	Lahaina	MECO Submersible Transformer No. 4726	Low	Assessment	Hazard Undetermined	Inactive	State
168	Maui	Lahaina	Olowalu Company Sugar Mill	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
169	Maui	Lahaina	Oppenheimer - Kai Mauka Iki Apartments	NFA	Assessment	No Hazard	NFA	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
170	Maui	Makawao	Maui Land and Pineapple Company Haliimaile Pesticide Storage Area	Medium	Response	Hazard Undetermined	Ongoing	Site Discovery
171	Maui	Paia	Paia Sugar Mill	Low	Assessment	Hazard Present	Ongoing	Site Discovery
172	Maui	Pukalani	Maui Pineapple Co Ltd, Corn Mill Camp	High	Response	Hazard Present	Ongoing	State
173	Maui	Puunene	Puunene Airport (Dragstrip & Moto-Cross)	Low	Assessment	Hazard Undetermined	Ongoing	State
174	Maui	Puunene	Old Puunene Airport Soil Contamination	Low	Assessment	Hazard Undetermined	Ongoing	State
175	Maui	Wailuku	Kehalani Development Quonset Hut Module 18 and Shaft	NFA	Response	No Hazard	NFA	State
176	Maui	Wailuku	Organizational Maintenance Shop #3 (OMS #3)	Low	Assessment	Hazard Undetermined	Ongoing	State
177	Maui	Wailuku	Waiale Ash Pile	Low	Response	Hazard Present	Ongoing	State
178	Maui	Wailuku	Waihee Elementary School	Low	Assessment	Hazard Undetermined	Ongoing	State
179	Maui	Wailuku	Wailuku Sugar Agricultural Department Pesticide Mixing	High	Response	Hazard Managed with Institutional Controls	Ongoing	State
180	Molokai	Hoolehua	Grace Pacific Corporation Manawainui, Molokai Facility	Low	Response	Hazard Present	Ongoing	State
181	Molokai	Ilio Point	Long Range Navigation Station Ilio Point	Medium	Response	No Hazard	Ongoing	State
182	Molokai	Ilio Point	Long Range Navigation Station Ilio Point Secondary Debris Pile	Low	Assessment	Hazard Undetermined	Ongoing	State
183	Molokai	Kalaupapa	Kalaupapa Settlement - Historical Burn Area	Low	Response	Hazard Present	Ongoing	Site Discovery
184	Molokai	Kalaupapa	Kalaupapa Settlement - Kitchen Fire Debris	Low	Response	Hazard Undetermined	Ongoing	State
185	Molokai	Kaunakakai	DLNR Water Line Installation	Medium	Response	Hazard Undetermined	Ongoing	State
186	Molokai	Kaunakakai	Galiher-Ono Property	Medium	Response	Hazard Present	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
187	Molokai	Kaunakakai	Hawaiian Eye Center	Low	Assessment	Hazard Undetermined	Inactive	State
188	Molokai	Kaunakakai	Kaunakakai Terminal	Low	Response	Hazard Present	Ongoing	State
189	Molokai	Kaunakakai	Kaunakakai Drainage System B	Medium	Assessment	Hazard Undetermined	Ongoing	State
190	Molokai	Kaunakakai	Kaunakakai Wharf Terminal	Low	Assessment	Hazard Undetermined	Ongoing	State
191	Molokai	Kaunakakai	Molokai Community Service Center	Low	Assessment	Hazard Undetermined	Ongoing	State
192	Molokai	Kaunakakai	Molokai Electric Company (MOECO) Power Plant Site	Medium	Response	Hazard Present	Ongoing	State
193	Molokai	Kualapuu	Del Monte Corporation Kualapuu Pesticide Mixing Area	Low	Response	Hazard Undetermined	Ongoing	Site Discovery
194	Molokai	Maunaloa	Libby McNeill and Libby Maunaloa Pesticide Mixing Area	Low	Response	Hazard Undetermined	Ongoing	Site Discovery
195	Molokai	Maunaloa	Molokai Ranch Pineapple Pesticide and Maintenance Operations	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
196	Oahu	Aiea	98-55 Kamehameha Highway	Low	Assessment	Hazard Undetermined	Ongoing	State
197	Oahu	Aiea	Aiea Fire Station	NFA	Response	Hazard Managed with Institutional Controls	NFA	State
198	Oahu	Aiea	Frito-Lay, Inc of Hawaii	NFA	Response	Hazard Managed with Engineering Controls	NFA	State
199	Oahu	Aiea	Grace Pacific Corporation - Halawa Valley Street	Low	Response	Hazard Present	Ongoing	State
200	Oahu	Aiea	Hawaii Baking Company	Low	Assessment	Hazard Undetermined	Inactive	State
201	Oahu	Aiea	HECO Transformer 52091	Low	Assessment	Hazard Undetermined	Inactive	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
202	Oahu	Aiea	Navy MFH Halawa	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
203	Oahu	Aiea	Navy MFH McGrew Point	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
204	Oahu	Aiea	Sears Pearlridge #1578 Elevator Jack	Low	Response	Hazard Managed with Engineering Controls	Inactive	State
205	Oahu	Aiea	Sears Pearlridge #1578 Hydraulic Hoist	Low	Response	Hazard Present	Ongoing	State
206	Oahu	Barbers Point	Barbers Point Harbor Expansion	Low	Response	Hazard Present	Ongoing	State
207	Oahu	Barbers Point	Barbers Point Harbor Pier 7 and Storage Yard S-6	Low	Assessment	Hazard Undetermined	Inactive	State
208	Oahu	Barbers Point	Barbers Point Harbor Pier 5	Low	Assessment	Hazard Undetermined	Inactive	State
209	Oahu	Barbers Point	Aloha Petroleum, Barbers Pt Sales Terminal (Formerly Texaco/Equilon)	Low	Response	Hazard Present	Ongoing	State
210	Oahu	Camp HM Smith	Marines MFH Camp Smith	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
211	Oahu	Ewa	Ewa Mill Manager's Mansion and Three-House Camp	Low	Response	Hazard Undetermined	Ongoing	Brownfields
212	Oahu	Ewa	Waipahu Garden Center	Low	Assessment	Hazard Undetermined	Ongoing	Brownfields
213	Oahu	Ewa Beach	BHP Gas Express Station 43 Ewa Repair Shop	Low	Assessment	Hazard Undetermined	Ongoing	State
214	Oahu	Ewa Beach	Iroquois Point Radio Range	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
215	Oahu	Ewa Beach	Palailai Landfill	High	Response	Hazard Managed with Engineering Controls	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
216	Oahu	Fort Shafter	Army MFH FS Funston Village	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
217	Oahu	Fort Shafter	Army MFH FS Hauoli Heights North	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
218	Oahu	Fort Shafter	Army MFH FS Hauoli Heights South	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
219	Oahu	Fort Shafter	Army MFH FS Palm Circle	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
220	Oahu	Fort Shafter	Army MFH FS Radar Hill	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
221	Oahu	Fort Shafter	Army MFH FS Rice Manor	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
222	Oahu	Fort Shafter	Army MFH FS Simpson-Wisser Community Center	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
223	Oahu	Fort Shafter	Army MFH FS Simpson-Wisser Neighborhood	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
224	Oahu	Halawa	Grace Pacific - Hawaiian Cement Parking Lot	Low	Response	Hazard Undetermined	Ongoing	State
225	Oahu	Haleiwa	Haleiwa Chevron Service Station	Low	Response	Hazard Managed with Institutional Controls	Ongoing	State
226	Oahu	Haleiwa	Haleiwa Commercial Redevelopment	Low	Response	Hazard Present	Ongoing	State
227	Oahu	Haleiwa	Twin Bridge Road Drum Dumping-Haleiwa	Low	Response	Hazard Present	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
228	Oahu	Helemano MR	Army MFH HMR Kalapana	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
229	Oahu	Helemano MR	Army MFH HMR Kekona	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
230	Oahu	Helemano MR	Army MFH HMR Kuapale	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
231	Oahu	Hickam AFB	Air Force MFH HAFB CGO-FGO Minor Renovations	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
232	Oahu	Hickam AFB	Air Force MFH HAFB Challenger Loop Minor Renovations	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
233	Oahu	Hickam AFB	Air Force MFH HAFB Earhart I-1	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
234	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Minor Renovations	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
235	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Village Park II-1	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
236	Oahu	Hickam AFB	Air Force MFH HAFB Earhart Village Park II-4	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
237	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 01	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
238	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 02	High	Response	Hazard Managed with Engineering Controls	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
239	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 03	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
240	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 04	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
241	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 05	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
242	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 06	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
243	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 07	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
244	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 08	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
245	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 08 South	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
246	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 09	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
247	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 10	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
248	Oahu	Hickam AFB	Air Force MFH HAFB FGO Block 11	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
249	Oahu	Hickam AFB	Air Force MFH HAFB GO-SO Historic Renovations	High	Response	Hazard Managed with Engineering Controls	Ongoing	State

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017								
	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
250	Oahu	Hickam AFB	Air Force MFH HAFB Hale Na Koa Minor Renovations	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
251	Oahu	Hickam AFB	Air Force MFH HAFB Hickam Field NCO Area	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
252	Oahu	Hickam AFB	Air Force MFH HAFB Hickam Field Officer Area	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
253	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 01	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
254	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 02	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
255	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 03	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
256	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 04	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
257	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 05	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
258	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 06	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
259	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 07	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
260	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 08	High	Response	Hazard Managed with Engineering Controls	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
261	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 09	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
262	Oahu	Hickam AFB	Air Force MFH HAFB JNCO Block 10	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
263	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-2	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
264	Oahu	Hickam AFB	Air Force MFH HAFB Onizuka II-3	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
265	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 1	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
266	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 2	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
267	Oahu	Hickam AFB	Air Force MFH HAFB SNCO Block 3	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
268	Oahu	Hickam AFB	Air Force MFH HAFB SO Minor Renovation	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
269	Oahu	Hickam AFB	Hickam AFB HIANG F22 Parking Apron	Low	Response	Hazard Present	Ongoing	State
270	Oahu	Hilo	Hilo Airport Radio Range	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
271	Oahu	Honolulu	1003 and 1013 Kaheka Street	NFA	Assessment	No Hazard	NFA	State
272	Oahu	Honolulu	1385 Colburn Street	Low	Assessment	Hazard Undetermined	Ongoing	State
273	Oahu	Honolulu	158 Sand Island Access Rd	Medium	Response	Hazard Present	Ongoing	State
274	Oahu	Honolulu	180 Sand Island Access Rd	Medium	Response	Hazard Present	Ongoing	State
275	Oahu	Honolulu	1800 Vancouver Drive	Medium	Assessment	Hazard Undetermined	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
276	Oahu	Honolulu	2051-2057 Kalakaua Avenue	Low	Assessment	Hazard Undetermined	Ongoing	State
277	Oahu	Honolulu	2135 Auiki St	Medium	Response	Hazard Present	Ongoing	State
278	Oahu	Honolulu	218 Mohonua Place	Medium	Response	Hazard Present	Ongoing	State
279	Oahu	Honolulu	2250 Pahounui Drive	Medium	Assessment	Hazard Present	Ongoing	State
280	Oahu	Honolulu	2958 Ualena Street	Low	Assessment	Hazard Undetermined	Ongoing	State
281	Oahu	Honolulu	373 North Nimitz Highway	Medium	Response	Hazard Present	Ongoing	State
282	Oahu	Honolulu	393 North King Street	Low	Assessment	Hazard Undetermined	Ongoing	State
283	Oahu	Honolulu	420-470 North Nimitz Highway	Low	Response	Hazard Managed with Engineering Controls	Ongoing	State
284	Oahu	Honolulu	580 North Nimitz Highway	Low	Response	Hazard Managed with Engineering Controls	Ongoing	State
285	Oahu	Honolulu	595 Ala Moana Black Oil Pipeline	Low	Assessment	Hazard Present	Ongoing	State
286	Oahu	Honolulu	604 Ala Moana Boulevard	Medium	Response	Hazard Managed with Institutional Controls	Inactive	State
287	Oahu	Honolulu	700 N Nimitz IDPP Release	Low	Response	Hazard Managed with Engineering Controls	Ongoing	State
288	Oahu	Honolulu	755 N Nimitz Hwy	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
289	Oahu	Honolulu	775 North Nimitz Highway	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
290	Oahu	Honolulu	801 South Hotel Street	Medium	Assessment	Hazard Undetermined	Ongoing	State
291	Oahu	Honolulu	836 Kawaiahao Street	Low	Response	Hazard Undetermined	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
292	Oahu	Honolulu	916 Kaamahu Place	Low	Assessment	Hazard Undetermined	Ongoing	Brownfields
293	Oahu	Honolulu	922 Kaamahu Place	Low	Assessment	Hazard Undetermined	Ongoing	Brownfields
294	Oahu	Honolulu	Al Phillips Facility	Medium	Assessment	Hazard Undetermined	Ongoing	State
295	Oahu	Honolulu	Ala Moana WWPS Force Main #3 and #4	Medium	Response	Hazard Present	Ongoing	State
296	Oahu	Honolulu	Allstate Industrial & Marine Cleaning, Inc.	Low	Response	Hazard Managed with Engineering Controls	Ongoing	State
297	Oahu	Honolulu	Shell Service Station (Marshall's Shell Service)	NFA	Response	Hazard Managed with Engineering Controls	NFA	Fast Track
298	Oahu	Honolulu	Aloha Petroleum Terminal	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
299	Oahu	Honolulu	Aloha Tower Development	Low	Assessment	Hazard Present	Ongoing	State
300	Oahu	Honolulu	American Savings Bank Campus	Low	Assessment	Hazard Undetermined	Ongoing	State
301	Oahu	Honolulu	Ameron Hawaii Sand Island Facility	Medium	Response	Hazard Undetermined	Ongoing	State
302	Oahu	Honolulu	Army MFH AMR Bougainville	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
303	Oahu	Honolulu	Army MFH AMR Hibiscus	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
304	Oahu	Honolulu	Army MFH AMR Makai View	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
305	Oahu	Honolulu	Army MFH AMR Plumeria	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
306	Oahu	Honolulu	Army MFH AMR Rim Loop	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
307	Oahu	Honolulu	Army MFH AMR Skyview	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
308	Oahu	Honolulu	Army MFH AMR Valley View	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
309	Oahu	Honolulu	Army MFH Army Hawaii Family Housing ADMIN FILE	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
310	Oahu	Honolulu	ARTSPACE	High	Response	Hazard Present	Ongoing	Brownfields
311	Oahu	Honolulu	ASIG Sand Island	Medium	Assessment	Hazard Undetermined	Ongoing	State
312	Oahu	Honolulu	Awa Wastewater Pump Station	Low	Assessment	Hazard Undetermined	Ongoing	State
313	Oahu	Honolulu	Berger AutoHaus, Inc	Low	Response	Hazard Managed with Engineering Controls	Ongoing	State
314	Oahu	Honolulu	BHP Gasco Benzene Site	High	Response	Hazard Managed with Institutional Controls	Ongoing	State
315	Oahu	Honolulu	Brewer Environmental Industries-Pacific Street	Medium	Assessment	Hazard Present	Ongoing	VRP
316	Oahu	Honolulu	Chevron Honolulu Terminal Marine	Medium	Response	Hazard Managed with Institutional Controls	Ongoing	State
317	Oahu	Honolulu	Chevron Honolulu Transportation Terminal	Low	Response	Hazard Managed with Engineering Controls	Ongoing	State
318	Oahu	Honolulu	Chevron Kapalama Northeast Parcel	Medium	Response	Hazard Present	Ongoing	State
319	Oahu	Honolulu	Chevron Kapalama Northwest Parcel	Low	Response	Hazard Present	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
320	Oahu	Honolulu	Chevron Kapalama Terminal	Medium	Response	Hazard Present	Ongoing	State
321	Oahu	Honolulu	Chevron Pier 35 Pipeline Release	Low	Response	Hazard Managed with Engineering Controls	Ongoing	State
322	Oahu	Honolulu	Chevron Tanker Truck Loading Rack (TTLR)	High	Response	Hazard Managed with Institutional Controls	Ongoing	State
323	Oahu	Honolulu	Citizens Energy Services Pier 38	Low	Response	Hazard Managed with Engineering Controls	Ongoing	State
324	Oahu	Honolulu	Classic Bowl	Medium	Assessment	Hazard Present	Ongoing	State
325	Oahu	Honolulu	Coast Guard MFH Red Hill Makai	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
326	Oahu	Honolulu	Coast Guard MFH Red Hill Mauka	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
327	Oahu	Honolulu	DLNR Buried Drum Site	Low	Assessment	Hazard Managed with Institutional Controls	Inactive	State
328	Oahu	Honolulu	Dole Iwilei	High	Response	Hazard Present	Ongoing	State
329	Oahu	Honolulu	Dole Cannery Complex	Low	Assessment	Hazard Undetermined	Ongoing	State
330	Oahu	Honolulu	Domestic Commercial Fishing Village	Low	Response	Hazard Managed with Engineering Controls	Ongoing	State
331	Oahu	Honolulu	Equilon Enterprises LLC Honolulu Terminal	Medium	Response	Hazard Present	Ongoing	State
332	Oahu	Honolulu	Factory Street Lead	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
333	Oahu	Honolulu	ARCO AM/PM #82102 (Texaco 61-100-0043)	Low	Response	Hazard Present	Ongoing	State
334	Oahu	Honolulu	Hawaii Grain Corporation	Low	Assessment	Hazard Undetermined	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
335	Oahu	Honolulu	Goodwill Beretania Street	Low	Assessment	Hazard Undetermined	Ongoing	State
336	Oahu	Honolulu	Hale Pua Nui UST Removal	Low	Response	Hazard Present	Ongoing	State
337	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Airport	Low	Response	Hazard Present	Ongoing	State
338	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Access Road	Low	Assessment	Hazard Undetermined	Inactive	State
339	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Oil/Water Drain Line Release	Low	Response	Hazard Present	Ongoing	State
340	Oahu	Honolulu	Hawaii Fueling Facilities Corporation-Sand Island Slurry Wall Trenching Activity	Medium	Response	Hazard Present	Ongoing	State
341	Oahu	Honolulu	Hawaii Instrumentation & Controls, Inc	Medium	Response	Hazard Managed with Engineering Controls	Inactive	State
342	Oahu	Honolulu	Hawaii Metal Recycling Company Pier 35	Low	Response	Hazard Managed with Engineering Controls	Ongoing	State
343	Oahu	Honolulu	Hawaii Stevedores	Low	Response	Hazard Present	Ongoing	State
344	Oahu	Honolulu	Hawaii Transfer Company, Ltd Pier 36	Low	Response	Hazard Present	Ongoing	State
345	Oahu	Honolulu	Hawaiian Electric Company (HECO) - Iwilei Tank Yard	Low	Response	Hazard Managed with Engineering Controls	Ongoing	State
346	Oahu	Honolulu	Hawaiian Electric Company (HECO)-Honolulu Generating Station	Low	Assessment	Hazard Present	Inactive	State Response Program
347	Oahu	Honolulu	Hawaiian Flour Mill	Low	Response	Hazard Present	Ongoing	State
348	Oahu	Honolulu	Hawaiian Fluid Power Company	Low	Response	Hazard Present	Ongoing	State
349	Oahu	Honolulu	Hawaiian Macadamia Nut Company Pesticide Mixing Area	NFA	Assessment	No Hazard	NFA	Site Discovery

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
350	Oahu	Honolulu	Hawaiian Tug & Barge Corporation	Low	Assessment	Hazard Undetermined	Inactive	State
351	Oahu	Honolulu	Hawaii Kai Marina	Low	Assessment	Hazard Undetermined	Ongoing	State
352	Oahu	Honolulu	HECO Fuel Oil Pipeline Route State Energy Corridor	Low	Assessment	Hazard Undetermined	Ongoing	State
353	Oahu	Honolulu	HECO Substation: Pukele Substation	Low	Assessment	Hazard Undetermined	Ongoing	State
354	Oahu	Honolulu	Honolulu Airport Interim Car Rental Facility	Low	Response	Hazard Managed with Institutional Controls	Inactive	State
355	Oahu	Honolulu	Honolulu Harbor Iwilei District Operating Parties	Medium	Assessment	Hazard Present	Inactive	State
356	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU1A	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
357	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU1B	High	Response	Hazard Managed with Institutional Controls	Ongoing	State
358	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU1C	High	Response	Hazard Managed with Institutional Controls	Ongoing	State
359	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU2	High	Response	Hazard Managed with Institutional Controls	Ongoing	State
360	Oahu	Honolulu	Honolulu Harbor Iwilei Unit OU3	High	Response	Hazard Managed with Institutional Controls	Ongoing	State
361	Oahu	Honolulu	Honolulu Harbor Kapalama Unit	Low	Assessment	Hazard Undetermined	Ongoing	State
362	Oahu	Honolulu	Honolulu Harbor Sand Island Unit	Low	Assessment	Hazard Undetermined	Ongoing	State
363	Oahu	Honolulu	Honolulu International Airport	Medium	Assessment	Hazard Undetermined	Inactive	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
364	Oahu	Honolulu	Honolulu International Airport Project AO1121-24 PH 1-A	High	Response	Hazard Managed with Institutional Controls	Ongoing	State
365	Oahu	Honolulu	Honolulu Limited	Medium	Response	Hazard Present	Ongoing	State
366	Oahu	Honolulu	Honolulu Marine Sand Island	Low	Response	Hazard Managed with Institutional Controls	Ongoing	State
367	Oahu	Honolulu	Honolulu Marine Small Boat Shipyard at Keehi Lagoon	Low	Assessment	Hazard Undetermined	Ongoing	State
368	Oahu	Honolulu	Honolulu Seawater Air Conditioning Project	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
369	Oahu	Honolulu	Honolulu Shipyard, Inc	Low	Response	Hazard Undetermined	Inactive	State
370	Oahu	Honolulu	HSI Mechanical	NFA	Response	Hazard Managed with Institutional Controls	NFA	State
371	Oahu	Honolulu	Interisland Maintenance Facility Site Elliot Street	Low	Response	Hazard Undetermined	Ongoing	State
372	Oahu	Honolulu	Iolani School Campus Expansion	High	Response	Hazard Present	Ongoing	State
373	Oahu	Honolulu	Island Movers, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
374	Oahu	Honolulu	Iwilei Fruits and Produce	Low	Response	Hazard Undetermined	Ongoing	State
375	Oahu	Honolulu	Iwilei Project Site (Iwilei Brownfields)	Low	Response	Hazard Present	Ongoing	Brownfields
376	Oahu	Honolulu	K&Y Auto Service and Wayne's Auto Electric	Low	Assessment	Hazard Present	Ongoing	State
377	Oahu	Honolulu	Kahala Hotel and Resort diesel release	NFA	Response	Hazard Managed with Engineering Controls	NFA	State
378	Oahu	Honolulu	Kakaako Brownfield Project - Unit 1	High	Response	Hazard Managed with Engineering Controls	Ongoing	Brownfields Site

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
379	Oahu	Honolulu	Kakaako Brownfield Project - Unit 10	Low	Assessment	Hazard Managed with Engineering Controls	Ongoing	Brownfields Site
380	Oahu	Honolulu	Kakaako Brownfield Project - Unit 2	Low	Response	Hazard Managed with Engineering Controls	Ongoing	Brownfields Site
381	Oahu	Honolulu	Kakaako Brownfield Project - Unit 3	Low	Response	Hazard Managed with Engineering Controls	Ongoing	Brownfields Site
382	Oahu	Honolulu	Kakaako Brownfield Project - Unit 4	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	Brownfields Site
383	Oahu	Honolulu	Kakaako Brownfield Project - Unit 5	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	Brownfields Site
384	Oahu	Honolulu	Kakaako Brownfield Project - Unit 6	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	Brownfields Site
385	Oahu	Honolulu	Kakaako Brownfield Project - Unit 7	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	Brownfields Site
386	Oahu	Honolulu	Kakaako Brownfield Project - Unit 8	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	Brownfields
387	Oahu	Honolulu	Kakaako Brownfield Project - Unit 9	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	Brownfields Site
388	Oahu	Honolulu	Kakaako Maintenance Shed	Low	Response	Hazard Managed with Institutional Controls	Ongoing	State
389	Oahu	Honolulu	Kakaako Brownfield Project	High	Response	Hazard Managed with Institutional Controls	Ongoing	Brownfields

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
390	Oahu	Honolulu	Kakaako Makai District John Dominis	Medium	Response	Hazard Managed with Institutional Controls	Ongoing	State
391	Oahu	Honolulu	Kakaako Makai District Parking Garage-Unit 1and 3	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
392	Oahu	Honolulu	Kakaako Makai District Units 2 and 4	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
393	Oahu	Honolulu	Kakaako Makai District Units 6 and 7	High	Response	Hazard Present	Ongoing	Brownfields
394	Oahu	Honolulu	Kakaako Pump Station	Low	Response	Hazard Present	Ongoing	State
395	Oahu	Honolulu	Kamehameha Schools - 1336 Dillingham Boulevard	Medium	Response	Hazard Present	Ongoing	State
396	Oahu	Honolulu	Kapalama Container Yard PCB Release	NFA	Response	Hazard Managed with Institutional Controls	NFA	State
397	Oahu	Honolulu	Kapalama Container Yard Project	High	Response	Hazard Managed with Institutional Controls	Ongoing	State
398	Oahu	Honolulu	Kapalama Incinerator Off-Site Contamination	Medium	Response	Hazard Managed with Institutional Controls	Ongoing	State
399	Oahu	Honolulu	Kokua Kalihi Valley Active Living Center	Low	Response	Hazard Undetermined	Inactive	Brownfields
400	Oahu	Honolulu	Kuakini Medical Center	Low	Assessment	Hazard Undetermined	Ongoing	State
401	Oahu	Honolulu	Kuhio Park Terrace Units D1 and D2	Medium	Response	Hazard Present	Ongoing	Brownfields
402	Oahu	Honolulu	Lockheed Air Terminal, Inc	Low	Assessment	Hazard Undetermined	Inactive	State
403	Oahu	Honolulu	McCabe, Hamilton, & Renny Company, Ltd	Low	Assessment	Hazard Undetermined	Inactive	State
404	Oahu	Honolulu	McKinley High School Synthetic Track and Field	Low	Response	Hazard Undetermined	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
405	Oahu	Honolulu	Miramar Hotel International Market Place Redevelopment	NFA	Response	Hazard Managed with Engineering Controls	NFA	Fast Track
406	Oahu	Honolulu	Miyazaki Honolulu Airport Service Station (Airways Service Station Inc)	Low	Assessment	Hazard Undetermined	Inactive	State
407	Oahu	Honolulu	Moanalua Medical Center and Clinic	Medium	Response	Hazard Present	Ongoing	State
408	Oahu	Honolulu	Navy MFH Camp Stover	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
409	Oahu	Honolulu	Navy MFH Catlin Park	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
410	Oahu	Honolulu	Navy MFH Doris Miller Park	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
411	Oahu	Honolulu	Navy MFH Hale Alii	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
412	Oahu	Honolulu	Navy MFH Hale Moku	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
413	Oahu	Honolulu	Navy MFH Halsey Terrace	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
414	Oahu	Honolulu	Navy MFH Hokulani	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
415	Oahu	Honolulu	Navy MFH Hospital Point	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
416	Oahu	Honolulu	Navy MFH Little Makalapa	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
417	Oahu	Honolulu	Navy MFH Makalapa	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
418	Oahu	Honolulu	Navy MFH Maloelap	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
419	Oahu	Honolulu	Navy MFH Marine Barracks	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
420	Oahu	Honolulu	Navy MFH Moanalua Terrace	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
421	Oahu	Honolulu	Navy MFH Ohana Military Communities ADMIN FILE	Medium	Response	Hazard Present	Ongoing	State
422	Oahu	Honolulu	Navy MFH Radford Terrace	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
423	Oahu	Honolulu	Navy MFH Red Hill Terrace	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
424	Oahu	Honolulu	Hart Street WWPS	Low	Response	Hazard Present	Ongoing	State
425	Oahu	Honolulu	Nimitz Highway Water Improvement Project Sumner to Queen	Low	Response	Hazard Present	Ongoing	State
426	Oahu	Honolulu	Nuuanu Auto Company LTD	Low	Assessment	Hazard Undetermined	Ongoing	State
427	Oahu	Honolulu	Parking Lot C and J Transformer Replacement	Low	Response	Hazard Undetermined	Ongoing	State
428	Oahu	Honolulu	Pier 12 and Pier 15 Improvements	Medium	Assessment	Hazard Undetermined	Ongoing	State
429	Oahu	Honolulu	Pier 19 Honolulu Harbor	Medium	Assessment	Hazard Undetermined	Inactive	State
430	Oahu	Honolulu	PHT, Inc. dba Polynesian Hospitality	Low	Response	Hazard Undetermined	Inactive	State
431	Oahu	Honolulu	Pukoloa Wood Treating Site	Medium	Response	Hazard Present	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
432	Oahu	Honolulu	Punahou School Grades 2-5 Project	Medium	Response	Hazard Present	Ongoing	State
433	Oahu	Honolulu	Punahou School Winne Units C and D	Medium	Response	Hazard Managed with Institutional Controls	Ongoing	State
434	Oahu	Honolulu	Ritz Carlton Waikiki Residence & Resort	Medium	Response	Hazard Present	Ongoing	State
435	Oahu	Honolulu	Sand Island Access Road Areawide Petroleum Release	Medium	Assessment	Hazard Undetermined	Ongoing	State
436	Oahu	Honolulu	Sause Brothers	Low	Response	Hazard Present	Ongoing	State
437	Oahu	Honolulu	Servco Pacific, Inc- Kalihi	Low	Assessment	Hazard Undetermined	Inactive	State
438	Oahu	Honolulu	Shidler College of Business Site Improvements	Low	Assessment	Hazard Undetermined	Inactive	State
439	Oahu	Honolulu	Keeaumoku Superblock Project	Low	Assessment	Hazard Undetermined	Inactive	State
440	Oahu	Honolulu	Tesoro Hawaii Corporation, Terminal Department-Sand Island	Medium	Response	Hazard Present	Ongoing	State
441	Oahu	Honolulu	The Honolulu Advertiser (Hawaii Newspaper Agency)	NFA	Response	Hazard Managed with Engineering Controls	NFA	State
442	Oahu	Honolulu	Tom Ishii's Union Service (Closed 04/1992)	NFA	Response	No Hazard	NFA	State
443	Oahu	Honolulu	Towco - Sand Island	Low	Assessment	Hazard Undetermined	Inactive	State
444	Oahu	Honolulu	University of Hawaii Interchange	Low	Assessment	Hazard Undetermined	Ongoing	State
445	Oahu	Honolulu	University of Hawaii Marine Center Relocation Area Piers 34 and 35	Medium	Response	Hazard Managed with Institutional Controls	Ongoing	State
446	Oahu	Honolulu	Waikiki Sand Villa II	Low	Assessment	Hazard Undetermined	Inactive	State
447	Oahu	Honolulu	Wallys Garden Center	Low	Assessment	Hazard Present	Inactive	State
448	Oahu	Honolulu	Ward Center Parking Lot	Medium	Response	Hazard Present	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
449	Oahu	Honolulu	Weyerhaeuser	High	Response	Hazard Managed with Engineering Controls	Inactive	State
450	Oahu	Honolulu	Yee Hop Building Maunakea Street	Low	Response	Hazard Present	Ongoing	State
451	Oahu	Honolulu	Yee Hop Property	Low	Assessment	Hazard Undetermined	Ongoing	State
452	Oahu	Honolulu	Young Brothers, Ltd Piers 24-28	Medium	Response	Hazard Present	Ongoing	State
453	Oahu	Honolulu	Young Brothers, Ltd. Piers 39, 40	Low	Assessment	Hazard Undetermined	Inactive	State
454	Oahu	Honolulu	Zippy's 634 N Nimitz Highway	Low	Response	Hazard Managed with Engineering Controls	Ongoing	State
455	Oahu	Kahuku	Kahuku Radio Range	Medium	Assessment	Hazard Undetermined	Ongoing	Site Discovery
456	Oahu	Kahuku	Kahuku Arsenic Property	Medium	Assessment	Hazard Present	Ongoing	Site Discovery
457	Oahu	Kahuku	Marconi Road - Contaminated Property	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
458	Oahu	Kahuku	Turtle Bay Conservation Easement	NFA	Response	Hazard Managed with Engineering Controls	NFA	State
459	Oahu	Kailua	C&C Facility Maintenance Kapaa Quarry Rd. Baseyard	Medium	Response	Hazard Present	Ongoing	State
460	Oahu	Kailua	Countryside Apartments	High	Response	Hazard Present	Ongoing	Fast Track
461	Oahu	Kailua	Hawaii Youth Correctional Facility	Low	Assessment	Hazard Present	Ongoing	State
462	Oahu	Kailua	Honolulu Skeet Club	Medium	Response	Hazard Managed with Institutional Controls	Ongoing	State
463	Oahu	Kailua	Kapaa Landfill - Kapaa Quarry Road	Medium	Response	Hazard Undetermined	Ongoing	State
464	Oahu	Kailua	Malunui Avenue Oil Contamination	Low	Assessment	Hazard Undetermined	Inactive	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
465	Oahu	Kakaako	Inovation Block at Lot C	Low	Assessment	Hazard Undetermined	Ongoing	State
466	Oahu	Kaneohe	Caesar's Cleaners	Medium	Response	Hazard Managed with Engineering Controls	Inactive	State
467	Oahu	Kaneohe	Koolau Chevron	Low	Response	Hazard Managed with Institutional Controls	Ongoing	State
468	Oahu	Kaneohe MCBH	Marines MFH MCBH Hana Like	Medium	Assessment	Hazard Undetermined	Ongoing	State
469	Oahu	Kaneohe MCBH	Marines MFH MCBH Hawaii Loa	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
470	Oahu	Kaneohe MCBH	Marines MFH MCBH Heleloa	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
471	Oahu	Kaneohe MCBH	Marines MFH MCBH Kaluapuni	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
472	Oahu	Kaneohe MCBH	Marines MFH MCBH Kaneohe ADMIN FILE	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
473	Oahu	Kaneohe MCBH	Marines MFH MCBH Kapoho	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
474	Oahu	Kaneohe MCBH	Marines MFH MCBH Mololani	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
475	Oahu	Kaneohe MCBH	Marines MFH MCBH Nani Ulupau	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
476	Oahu	Kaneohe MCBH	Marines MFH MCBH Pa Honua III	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State

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	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
477	Oahu	Kaneohe MCBH	Marines MFH MCBH Ulupau	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
478	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu Manning	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
479	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu Mokapu Court	Medium	Assessment	Hazard Undetermined	Ongoing	State
480	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu NCO Row	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
481	Oahu	Kaneohe MCBH	Marines MFH MCBH Waikulu Rainbow	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
482	Oahu	Kapolei	Barge Harbor Soil Contamination	Medium	Assessment	Hazard Undetermined	Inactive	State
483	Oahu	Kapolei	Campbell Industrial Park Areawide Stream/Canal Sediment Study	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
484	Oahu	Kapolei	Chevron USA Products Co., Hawaii Refinery Tank Sludge	Medium	Assessment	Hazard Undetermined	Inactive	State
485	Oahu	Kapolei	Chevron USA Products Co., Hawaii Refinery, Marine Line Release	Low	Response	Hazard Present	Inactive	State
486	Oahu	Kapolei	CoVan Warehouse	Low	Response	Hazard Present	Inactive	State
487	Oahu	Kapolei	D.R. Horton	Low	Assessment	Hazard Undetermined	Ongoing	State
488	Oahu	Kapolei	Ewa Feedlot Property	Medium	Response	Hazard Present	Inactive	Brownfields
489	Oahu	Kapolei	Grace Pacific Corporation - Grace Pacific Precast, Inc.	Low	Assessment	Hazard Undetermined	Ongoing	State
490	Oahu	Kapolei	Hanua Street Fugitive Oil	Low	Assessment	Hazard Undetermined	Inactive	State
491	Oahu	Kapolei	Tileco, Inc	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
492	Oahu	Kapolei	Con-Fab Hawaii Corporation	NFA	Response	Hazard Managed with Engineering Controls	NFA	State
493	Oahu	Kapolei	Kalaeloa Cogeneration Plant	Low	Assessment	Hazard Undetermined	Inactive	State
494	Oahu	Kapolei	Malakole Street Trash Site	Low	Response	Hazard Undetermined	Ongoing	State
495	Oahu	Kapolei	UOP Integrated Biorefinery Pilot Facility	Low	Assessment	Hazard Undetermined	Ongoing	State
496	Oahu	Kunia	Central Oahu Wells	Low	Assessment	Hazard Undetermined	Ongoing	State
497	Oahu	Kunia	Del Monte Corporation Oahu Plantation	Low	Response	Hazard Managed with Engineering Controls	Ongoing	NPL
498	Oahu	Kunia	Ewa Sugar Mill/Oahu Sugar Co. - Kunia Staging Area	Medium	Response	Hazard Present	Ongoing	State
499	Oahu	Kunia	Kunia Wells I	Low	Assessment	Hazard Undetermined	Ongoing	State
500	Oahu	Kunia	Kunia Wells II	Low	Assessment	Hazard Undetermined	Ongoing	State
501	Oahu	Maili	84-Acre Portion of the Former Voice of America Site	Low	Response	Hazard Undetermined	Ongoing	State
502	Oahu	Maili	Ka Pua Learning Center	Low	Assessment	Hazard Undetermined	Ongoing	State
503	Oahu	Makaha	Makaha Valley Redevelopment	High	Assessment	Hazard Undetermined	Ongoing	State
504	Oahu	Makakilo	Grace Pacific Corporation - Upper Makakilo Stockpile	NFA	Response	No Hazard	NFA	State
505	Oahu	Makakilo	Grace Pacific Corporation - Makakilo Quarry	Low	Assessment	Hazard Undetermined	Ongoing	VRP
506	Oahu	Mililani	Mililani Wells I	Low	Assessment	Hazard Undetermined	Ongoing	State
507	Oahu	Mililani	Unocal SS #7587	Low	Assessment	Hazard Undetermined	Ongoing	State
508	Oahu	Pearl City	406 Kamehameha Highway	Medium	Assessment	Hazard Present	Ongoing	State

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
509	Oahu	Pearl City	Waimano Home Campus	Low	Assessment	Hazard Managed with Engineering Controls	Inactive	Brownfields Site
510	Oahu	Pearl City	HART Banana Patch	Medium	Assessment	Hazard Undetermined	Ongoing	State
511	Oahu	Pearl City	HECO Generating Station: Waiau	Low	Response	Hazard Present	Ongoing	State
512	Oahu	Pearl City	HECO Waiau Generating Station Tank 4	Low	Response	Hazard Present	Ongoing	State
513	Oahu	Pearl City	HECO Waiau Generating Station Unit 5 PCB Cleanup	Medium	Response	Hazard Undetermined	Inactive	State
514	Oahu	Pearl City	Marines MFH Manana	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
515	Oahu	Pearl City	Navy MFH Manana	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
516	Oahu	Pearl City	Navy MFH Pearl City Peninsula	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
517	Oahu	Pearl City	Noble's Auto Transmission	Low	Response	Hazard Present	Ongoing	State
518	Oahu	Pearl City	Pearl City Urban Garden Center	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
519	Oahu	Pearl City	RHS Lee	Low	Assessment	Hazard Undetermined	Ongoing	State
520	Oahu	Pearl City	RHS Lee Baseyard Northern Area	Low	Response	Hazard Undetermined	Ongoing	State
521	Oahu	Pearl City	RHS Lee Baseyard Southern Area	Low	Response	Hazard Undetermined	Ongoing	State
522	Oahu	Pearl City	RHS Lee Baseyard Western Area	Low	Response	Hazard Undetermined	Ongoing	State
523	Oahu	Pearl City	Hawaii Army National Guard Waiawa Gulch	Low	Response	Hazard Present	Ongoing	State

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
524	Oahu	Pearl City	Waiawa Shaft	Low	Assessment	Hazard Undetermined	Ongoing	State
525	Oahu	Pearl Harbor	Pearl Harbor Naval Complex	Medium	Response	Hazard Undetermined	Ongoing	NPL
526	Oahu	Pearl Harbor	Pearl Harbor Sediment Study DU E-2	Medium	Assessment	Hazard Undetermined	Ongoing	State
527	Oahu	Sand Island	Former Bills Crane Service Inc	Low	Assessment	Hazard Undetermined	Ongoing	State
528	Oahu	Schofield Barracks	Army MFH SB Akolea	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
529	Oahu	Schofield Barracks	Army MFH SB Aloala	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
530	Oahu	Schofield Barracks	Army MFH SB Canby	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
531	Oahu	Schofield Barracks	Army MFH SB Generals Loop	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
532	Oahu	Schofield Barracks	Army MFH SB Hamilton	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
533	Oahu	Schofield Barracks	Army MFH SB Kaena	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
534	Oahu	Schofield Barracks	Army MFH SB Leader Field	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
535	Oahu	Schofield Barracks	Army MFH SB Mendonca Park	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
536	Oahu	Schofield Barracks	Army MFH SB Moyer	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
537	Oahu	Schofield Barracks	Army MFH SB Patriot	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
538	Oahu	Schofield Barracks	Army MFH SB Porter	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
539	Oahu	Schofield Barracks	Army MFH SB Ralston	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
540	Oahu	Schofield Barracks	Army MFH SB Santa Fe	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
541	Oahu	Schofield Barracks	Army MFH SB Solomon	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
542	Oahu	Tripler AMC	Army MFH TAMC Rainbow Village	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
543	Oahu	Wahiawa	HECO Pad-Mounted Transformer 52230 V5988A	Low	Assessment	Hazard Undetermined	Ongoing	State
544	Oahu	Wahiawa	Del Monte Wahiawa Pesticide Mixing Area	Low	Response	Hazard Undetermined	Ongoing	Site Discovery
545	Oahu	Wahiawa	Dole Company Wahiawa Pesticide Mixing Area	Medium	Response	Hazard Present	Ongoing	Site Discovery
546	Oahu	Wahiawa	NCTAMSPAC Center Street	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	NPL
547	Oahu	Wahiawa	Navy MFH NCTAMS PAC Wahiawa	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
548	Oahu	Waialua	Waialua Sugar Mill Settling Ponds	Medium	Assessment	Hazard Managed with Engineering Controls	Ongoing	VRP
549	Oahu	Waialua	Waialua Sugar Mill VRP Site	High	Response	Hazard Present	Ongoing	VRP

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
550	Oahu	Waianae	Industrial Technology Tire Pile	Medium	Assessment	Hazard Undetermined	Ongoing	State
551	Oahu	Waianae	Waianae Elementary School diesel UST	Low	Assessment	Hazard Present	Ongoing	State
552	Oahu	Waianae	Waianae High School Outdoor Air Rifle Range	Low	Assessment	Hazard Undetermined	Ongoing	State
553	Oahu	Waianae	Waianae Sugar Company Pesticide Mixing Area	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
554	Oahu	Waimanalo	Air Force MFH Bellows Renovation	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
555	Oahu	Waimanalo	University of Hawaii, Waimanalo Experimental Farm	Low	Assessment	Hazard Undetermined	Inactive	State
556	Oahu	Waimanalo	Waimanalo Areawide Groundwater Contamination	Low	Assessment	Hazard Present	Inactive	State
557	Oahu	Waimanalo	Waimanalo Sugar Company PMA	Low	Assessment	Hazard Undetermined	Ongoing	PA/SI
558	Oahu	Waipahu	94-250 Mokuola St	Low	Assessment	Hazard Present	Ongoing	State
559	Oahu	Waipahu	Al's Waipahu Union Service #5673	NFA	Response	No Hazard	NFA	State
560	Oahu	Waipahu	Clover Sinkers Lead Weight Manufacturing	Medium	Response	Hazard Undetermined	Ongoing	State
561	Oahu	Waipahu	Hans Metals	Low	Response	Hazard Undetermined	Ongoing	State
562	Oahu	Waipahu	Lot 30 Former Waipahu Sugar Mill	NFA	Assessment	Hazard Managed with Institutional Controls	NFA	State
563	Oahu	Waipahu	Navy MFH Ford Island	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
564	Oahu	Waipahu	Oahu Sugar Company - Seed Vat	Low	Assessment	Hazard Undetermined	Ongoing	Site Discovery
565	Oahu	Waipahu	Waipahu Dry Cleaners	Low	Assessment	Hazard Undetermined	Ongoing	State

HAWAII STATE RESPONSE PROGRAM LIST OF PRIORITY SITES FY2017								
	Island	Locality Name	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
566	Oahu	Waipahu	Aloha IMM Waipahu	NFA	Response	Hazard Managed with Institutional Controls	NFA	State
567	Oahu	Waipahu	Waipio Heights Wells II	Low	Assessment	Hazard Undetermined	Ongoing	State
568	Oahu	Waipio	Ewa Sugar Mill/Oahu Sugar Co. - Waipio Peninsula	High	Response	Hazard Managed with Engineering Controls	Ongoing	State
569	Oahu	Wheeler AAF	Army MFH WAAF Kunia	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
570	Oahu	Wheeler AAF	Army MFH WAAF Puali North	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
571	Oahu	Wheeler AAF	Army MFH WAAF Puali South	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State
572	Oahu	Wheeler AAF	Army MFH WAAF Wiliwili	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	State

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	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
1	Hawaii	Army, Corps of Engineers	FUDS Waikoloa Maneuver Area	High	Response	Hazard Present	Ongoing	FUDS
2	Hawaii	Army, Kilauea Military Camp	Kilauea Military Camp	Low	Assessment	Hazard Undetermined	Inactive	IRP
3	Hawaii	Army, Kilauea Military Camp	Kilauea Military Camp, POL Area, Former Lab, & Former Landfill	Low	Assessment	Hazard Undetermined	Ongoing	IRP
4	Hawaii	Army, Kilauea Military Camp	Kilauea Military Reservation Kau Desert Impact Training Area	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
5	Hawaii	Army, Kilauea Military Camp	Kilauea Military Reservation MMRP	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
6	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area MMRP	Medium	Assessment	Hazard Present	Ongoing	MMRP
7	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area, Pu'u Pa'a	High	Response	Hazard Present	Ongoing	MMRP
8	Hawaii	Army, Pohakuloa Training Area	Pohakuloa Training Area, Vehicle Refueling Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
9	Johnston Atoll	Army, Johnston Atoll	Johnston Atoll, Pacific Ocean	Low	Assessment	Hazard Undetermined	Ongoing	Army
10	Kahoolawe	Navy, Marine Corps	Kahoolawe Island	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
11	Kauai	Army, Corps of Engineers	FUDS Ahukini	Low	Assessment	Hazard Present	Ongoing	FUDS
12	Kauai	Army, Corps of Engineers	FUDS Grove Farm Artillery Range, Kauai	Low	Response	Hazard Managed with Engineering Controls	Ongoing	FUDS
13	Kauai	Army, Corps of Engineers	FUDS Kilauea Radar Station	NFA	Assessment	No Hazard	NFA	FUDS
14	Kauai	Army, Corps of Engineers	FUDS Waimea Training Site	Medium	Assessment	Hazard Present	Ongoing	FUDS
15	Kauai	Navy, Pacific Missle Range Facility	Pacific Missile Range Facility	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
16	Kauai	Navy, Pacific Missle Range Facility	PMRF, Battery Acid Disposal Pit	Low	Assessment	Hazard Undetermined	Ongoing	IRP
17	Kauai	Navy, Pacific Missle Range Facility	PMRF, Crash Crew Firefighting Pit 1	Low	Assessment	Hazard Undetermined	Inactive	IRP

HAWAII STATE RESPONSE DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
18	Kauai	Navy, Pacific Missle Range Facility	PMRF, Firefighting Pit No. 2	Low	Assessment	Hazard Undetermined	Inactive	IRP
19	Kauai	Navy, Pacific Missle Range Facility	PMRF, Landfills 5, 6, &7	Medium	Response	Hazard Undetermined	Ongoing	IRP
20	Kauai	Navy, Pacific Missle Range Facility	PMRF, Sandblast Grit Area Site 6	Low	Response	No Hazard	Ongoing	IRP
21	Kauai	Navy, Pacific Missle Range Facility	PMRF, Torpedo Postrun Facility Drain	Low	Assessment	Hazard Undetermined	Inactive	IRP
22	Lanai	Army, Corps of Engineers	FUDS Lanai Bombing Targets	Low	Assessment	Hazard Present	Ongoing	FUDS
23	Lanai	Army, Corps of Engineers	FUDS Lanai Radar Station	Low	Response	Hazard Present	Ongoing	FUDS
24	Maui	Army, Corps of Engineers	FUDS Gunnery Site, Makawao	Medium	Response	Hazard Present	Ongoing	FUDS
25	Maui	Army, Corps of Engineers	FUDS Kane Puu Naval Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
26	Maui	Army, Corps of Engineers	FUDS Maui Airport, Puunene Landfill	Low	Response	Hazard Undetermined	Ongoing	DSMOA
27	Maui	Army, Corps of Engineers	FUDS Maui Bombing Targets	Medium	Response	Hazard Present	Ongoing	FUDS
28	Maui	Army, Corps of Engineers	FUDS Opana Point	Medium	Response	Hazard Present	Ongoing	FUDS
29	Molokai	Army, Corps of Engineers	FUDS Ilio Point	Medium	Assessment	Hazard Undetermined	Ongoing	FUDS
30	Molokai	Army, Corps of Engineers	FUDS Ilio Point Annex	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
31	Molokai	Army, Corps of Engineers	FUDS Makanalua Bombing Range	Low	Response	Hazard Present	Ongoing	FUDS
32	Molokai	Army, Corps of Engineers	FUDS Mokuhooniki Island	Medium	Assessment	Hazard Present	Ongoing	FUDS
33	Molokai	Army, Corps of Engineers	FUDS Molokai Bombing Targets - Punakua	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
34	Molokai	Army, Corps of Engineers	FUDS Moomomi Military Reservation	Low	Assessment	Hazard Undetermined	Ongoing	FUDS

HAWAII STATE RESPONSE DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
35	Molokai	Army, Corps of Engineers	FUDS Papohaku Ranchland Subdivision	High	Response	Hazard Managed with Institutional Controls	Ongoing	FUDS
36	Molokai	Army, Corps of Engineers	FUDS Unexploded Ordnance Removal, Molokini Island	Medium	Response	Hazard Present	Ongoing	FUDS
37	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation	Low	Assessment	Hazard Undetermined	Inactive	IRP
38	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation 1850 Aliamanu Drive	Low	Assessment	Hazard Undetermined	Ongoing	Army
39	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation, Bunker & Residential Areas	Low	Assessment	Hazard Undetermined	Inactive	IRP
40	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation, Command Bunker Site ALMR-02	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
41	Oahu	Army, Aliamanu Military Reservation	Aliamanu Military Reservation, Seal Tunnel Portals	Low	Assessment	Hazard Undetermined	Inactive	IRP
42	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Auto Hobby Shop	Low	Assessment	Hazard Undetermined	Inactive	IRP
43	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Building 117	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
44	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Coral Pit, Ordnance Pond, Sanitary Landfill	Low	Assessment	Hazard Undetermined	Ongoing	Navy
45	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Dry Well Network	Low	Assessment	Hazard Undetermined	Ongoing	BRAC
46	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Electrical Manholes	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
47	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Fire Fighting Training Pits	Low	Assessment	Hazard Undetermined	Ongoing	BRAC
48	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Former Fuel Farm	Low	Assessment	Hazard Undetermined	Ongoing	BRAC
49	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Golf Course Battery Shop	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
50	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Navy Public Works Center	Low	Response	Hazard Present	Ongoing	BRAC
51	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Public Works Transportation Compound	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA

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	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
52	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Regional Groundwater System	Low	Assessment	Hazard Undetermined	Inactive	BRAC
53	Hawaii	Army, Corps of Engineers	FUDS Army Impact Range	Low	Assessment	Hazard Present	Ongoing	FUDS
54	Hawaii	Army, Corps of Engineers	FUDS Firing Range and Camp, Lalamilo, Hawaii	High	Response	Hazard Present	Ongoing	FUDS
55	Hawaii	Army, Corps of Engineers	FUDS Ka'u Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
56	Hawaii	Army, Corps of Engineers	FUDS Keaau Bombing Target	Low	Assessment	Hazard Present	Ongoing	FUDS
57	Hawaii	Army, Corps of Engineers	FUDS Mahukona Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
58	Hawaii	Army, Corps of Engineers	FUDS Nansay Hawaii	Low	Assessment	Hazard Present	Ongoing	FUDS
59	Hawaii	Army, Corps of Engineers	FUDS Pakini Bombing Range	Medium	Assessment	Hazard Present	Ongoing	FUDS
60	Hawaii	Army, Corps of Engineers	FUDS Popoki Target Area	NFA	Response	Hazard Managed with Institutional Controls	NFA	FUDS
61	Hawaii	Army, Corps of Engineers	FUDS Wahine Maka Nui Target	Low	Assessment	Hazard Present	Ongoing	FUDS
62	Hawaii	Army, Corps of Engineers	FUDS Waiakea Forest Reserve	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
63	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Runway 11 Clear Zone	Low	Assessment	Hazard Undetermined	Inactive	BRAC
64	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Sanitary Landfill	Medium	Response	Hazard Present	NFA	IRP
65	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS Transformer Substations	Low	Response	Hazard Present	Inactive	BRAC
66	Oahu	Navy, Barbers Point Naval Air Station	Barbers Point NAS UST BP 19-20	Low	Assessment	Hazard Undetermined	Ongoing	Compliance
67	Oahu	Air Force, Bellows Air Force Station	Bellows AFS AOC18	Low	Assessment	Hazard Undetermined	Ongoing	IRP
68	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA39, Former Large Bomb Range	Low	Assessment	Hazard Present	Ongoing	MMRP

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	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
69	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA40, Former Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP
70	Oahu	Air Force, Bellows Air Force Station	Bellows AFS MRA43, Urban Warfare Training Facility	Low	Assessment	Hazard Present	Ongoing	MMRP
71	Oahu	Air Force, Bellows Air Force Station	Bellows AFS OU1	Low	Assessment	Hazard Undetermined	Ongoing	IRP
72	Oahu	Air Force, Bellows Air Force Station	Bellows AFS OU7	Low	Assessment	Hazard Undetermined	Ongoing	IRP
73	Oahu	Navy, Pearl Harbor Naval Complex	Building 68 Electric Shop	Medium	Assessment	Hazard Undetermined	Inactive	IRP
74	Oahu	Navy, Pearl Harbor Naval Complex	Building 8 Pearl Harbor Naval Shipyard	Low	Assessment	Hazard Undetermined	Ongoing	IRP
75	Oahu	Army, Schofield Barracks	Building Quad-J	Low	Assessment	Hazard Undetermined	Ongoing	Army
76	Oahu	Army, Dillingham Military Reservation	Dillingham Military Reservation PCB Spill Site (DILMR-01)	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
77	Oahu	Army, Dillingham Military Reservation	Dillingham Military Reservation, Former Transformer Site	Low	Assessment	Hazard Undetermined	Inactive	IRP
78	Oahu	Army	DOD US Army	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
79	Oahu	Navy, Ford Island	Ford Island	High	Response	Hazard Undetermined	Ongoing	IRP
80	Oahu	Navy, Pearl Harbor Naval Complex	Ford Island Landfill	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
81	Oahu	Army, Kapalama Military Reservation	Former Kapalama Military Reservation Piers 39 and 40 Pipelines	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
82	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Fort Barrette, Safety Hazard Removal	Low	Assessment	Hazard Undetermined	Inactive	IRP
83	Oahu	Army, Fort DeRussy	Fort DeRussy, Former Leaking UST Site (Bldg 107 & 108)	Low	Assessment	Hazard Undetermined	Inactive	IRP
84	Oahu	Air Force, Fort Kamehameha	Fort Kamehameha DSPL Site	Low	Assessment	Hazard Undetermined	Inactive	IRP
85	Oahu	Air Force, Fort Kamehameha	Fort Kamehameha ST20, Subsite F706	Low	Assessment	Hazard Undetermined	Ongoing	IRP

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	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
86	Oahu	Air Force, Fort Kamehameha	Fort Kamehameha ST20, Subsite F-708	Low	Assessment	Hazard Undetermined	Ongoing	IRP
87	Oahu	Air Force, Fort Kamehameha	Fort Kamehameha ST20, Subsite F-727	Low	Assessment	Hazard Undetermined	Ongoing	IRP
88	Oahu	Air Force, Fort Kamehameha	Fort Kamehameha ST20, Subsite FTKAM-UNK2	Low	Assessment	Hazard Undetermined	Ongoing	IRP
89	Oahu	Air Force, Fort Kamehameha	Fort Kamehameha ST38, Subsite 3318	Low	Assessment	Hazard Undetermined	Ongoing	IRP
90	Oahu	Air Force, Fort Kamehameha	Fort Kamehameha ST38, Subsite 3361	Low	Assessment	Hazard Undetermined	Ongoing	IRP
91	Oahu	Army, Corps of Engineers	FUDS Aiea AAA Command Post	Low	Assessment	Hazard Undetermined	Inactive	FUDS
92	Oahu	Army, Corps of Engineers	FUDS Battery Avery J. Cooper	Low	Assessment	Hazard Undetermined	Inactive	FUDS
93	Oahu	Army, Corps of Engineers	FUDS Battery George W. Ricker	Low	Assessment	Hazard Undetermined	Inactive	FUDS
94	Oahu	Army, Corps of Engineers	FUDS Center Combat Range	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
95	Oahu	Army, Corps of Engineers	FUDS Coconut Island	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
96	Oahu	Army, Corps of Engineers	FUDS Dillingham Air Force Base	Low	Assessment	Hazard Present	Ongoing	FUDS
97	Oahu	Army, Corps of Engineers	FUDS Haiku Radio Station	High	Response	Hazard Present	Ongoing	FUDS
98	Oahu	Army, Corps of Engineers	FUDS Heeia Combat Training Camp	High	Response	Hazard Present	Ongoing	FUDS
99	Oahu	Army, Kapalama Military Reservation	FUDS Kahuku Airfield Military Reservation	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
100	Oahu	Army, Corps of Engineers	FUDS Kahuku Training Area	Low	Assessment	Hazard Present	Ongoing	FUDS
101	Oahu	Army, Corps of Engineers	FUDS Makapuu Light House	Low	Assessment	Hazard Present	Ongoing	FUDS
102	Oahu	Army, Corps of Engineers	FUDS Oahu Target Island	High	Response	Hazard Managed with Institutional Controls	Ongoing	FUDS

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	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
103	Oahu	Army, Corps of Engineers	FUDS Offshore Waianae Sewage Outfall	Low	Assessment	Hazard Present	Ongoing	FUDS
104	Oahu	Army, Corps of Engineers	FUDS Pacific Jungle Combat Training Area	High	Response	Hazard Present	Ongoing	FUDS
105	Oahu	Army, Corps of Engineers	FUDS Puuloa-Ex NAS Barbers Point	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
106	Oahu	Army, Corps of Engineers	FUDS Rabbit Island	Medium	Assessment	Hazard Present	Ongoing	FUDS
107	Oahu	Army, Corps of Engineers	FUDS Range D-400-L	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
108	Oahu	Army, Corps of Engineers	FUDS ST-10 Sherwood Forest USTs	Low	Response	Hazard Undetermined	Ongoing	FUDS
109	Oahu	Army, Corps of Engineers	FUDS Waiau Drum Storage	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
110	Oahu	Army, Corps of Engineers	FUDS Waiawa Training Area	Low	Assessment	Hazard Undetermined	Ongoing	FUDS
111	Oahu	Army, Corps of Engineers	FUDS Wailua Artillery Impact Area	Medium	Assessment	Hazard Present	Ongoing	FUDS
112	Oahu	Army, Corps of Engineers	FUDS Waimea Falls Park	Medium	Assessment	Hazard Present	Ongoing	FUDS
113	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
114	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC KNMD-EA01 Potential Landfill	Low	Assessment	Hazard Undetermined	Inactive	IRP
115	Oahu	Air Force, Hickam Air Force Base	Hickam AFB AOC KNMD-EA11 Old HIANG Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
116	Oahu	Air Force, Hickam Air Force Base	Hickam AFB Building 1204	Low	Assessment	Hazard Undetermined	Inactive	IRP
117	Oahu	Air Force, Hickam Air Force Base	Hickam AFB Building 2140	NFA	Assessment	No Hazard	NFA	IRP
118	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA1X, Former Skeet Ranges	Low	Response	Hazard Present	Ongoing	MMRP
119	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA1X, MRS TS001 Hickam Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP

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	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
120	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA2X, Small Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP
121	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA3X, Former Moving Base Skeet Range	Low	Assessment	Hazard Present	Ongoing	MMRP
122	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA53, Former Fort Kamehameha Small Arms Range	Low	Assessment	Hazard Present	Ongoing	MMRP
123	Oahu	Air Force, Hickam Air Force Base	Hickam AFB MRA54, Former EOD Proficiency Range	Low	Assessment	Hazard Present	Ongoing	MMRP
124	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST30, Subsite 940	Low	Response	Hazard Present	Ongoing	IRP
125	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST32, Vickers Avenue USTs	Medium	Response	Hazard Present	Ongoing	IRP
126	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST34, Clean Water Rinse Facility	Low	Assessment	Hazard Present	Ongoing	IRP
127	Oahu	Air Force, Hickam Air Force Base	Hickam AFB ST34, Subsite 2184	Low	Response	Hazard Undetermined	Ongoing	IRP
128	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Base X Sandblast Grit	Low	Assessment	No Hazard	Ongoing	IRP
129	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 1760 USTs	NFA	Response	Hazard Managed with Institutional Controls	NFA	IRP
130	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Building 2072 UST	Low	Response	Hazard Present	Ongoing	IRP
131	Oahu	Air Force, Hickam Air Force Base	Hickam AFB, Subsurface Fuel Plume	Low	Assessment	Hazard Undetermined	Ongoing	IRP
132	Oahu	Air Force, Hickam Air Force Base	Hickam Former Building 2156 AST	Low	Assessment	Hazard Present	Ongoing	IRP
133	Oahu	Air Force, Hickam Air Force Base	Hickam Golf Course IRP Site LFOS-Triservices Landfill	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
134	Oahu	Air Force, Hickam POL Pipeline and Storage Area	Hickam POL Default Sites	Medium	Assessment	Hazard Present	Ongoing	IRP
135	Oahu	Navy, Joint Base Pearl Harbor Hickham (JBPHH)	JBPHH, Underground Storage Tank at Marine Barracks Building 285	Low	Assessment	Hazard Present	Ongoing	Compliance

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	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
136	Oahu	Army, Kahuku Training Area	Kahuku Training Area, Buliding 12450 Site KTA-01	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
137	Oahu	Army, Kahuku Training Area	Kahuku Training Area, Former Transformer Site	Low	Assessment	Hazard Undetermined	Inactive	IRP
138	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe Marine Corps Base Hawaii MMRP	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
139	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Building 322 Motor Pool	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
140	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Facilities Department Salvage Yard	Low	Response	Hazard Undetermined	Ongoing	IRP
141	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH H-3 Landfill	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
142	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH Transformers F-678/678 Electrical Shop Site	Medium	Response	Hazard Present	Ongoing	IRP
143	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Moving Target Range	Low	Remedy Selection Complete	Hazard Undetermined	NFA	DSMOA
144	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Ordnance Demolition Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
145	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Skeet & Trap Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
146	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-184	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
147	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-31	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA

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148	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-4042	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
149	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-44	Low	Assessment	Hazard Undetermined	Inactive	IRP
150	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-49	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
151	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, UST KB-73	Low	Assessment	Hazard Undetermined	Inactive	IRP
152	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MCBH, Waikane Valley	High	Assessment	Hazard Present	Ongoing	MMRP
153	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	Kaneohe MSBH, Aviation Supply Facility	Low	Assessment	Hazard Undetermined	Ongoing	IRP
154	Oahu	Army, Kapalama Military Reservation	Kapalama Military Reservation South Oahu Location	Low	Assessment	Hazard Undetermined	Ongoing	Army
155	Oahu	Army, Kunia Military Reservation	Kunia Field Station	Low	Assessment	Hazard Undetermined	Inactive	IRP
156	Oahu	Army, Kunia Military Reservation	Kunia Field Station, Microwave Tower & Building 25	Low	Assessment	Hazard Undetermined	Ongoing	IRP
157	Oahu	Navy, Pearl Harbor Naval Complex	Makalapa Pesticide Pit	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
158	Oahu	Army, Makua Military Reservation	Makua Military Reservation MMRP	High	Assessment	Hazard Present	Ongoing	MMRP
159	Oahu	Army, Makua Military Reservation	Makua Military Reservation MMRP MAKU-002-R-03	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
160	Oahu	Army, Makua Military Reservation	Makua Military Reservation MMRP MAKU-003-R-01	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
161	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA

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162	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Building 1091	Low	Assessment	Hazard Undetermined	Inactive	IRP
163	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Firebomb Mixing Area	Low	Assessment	Hazard Undetermined	Inactive	IRP
164	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Landfill	Low	Assessment	Hazard Undetermined	Ongoing	Navy
165	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay Skeet Shooting Range	Low	Assessment	Hazard Undetermined	Inactive	IRP
166	Oahu	Navy, Marine Corps, Kaneohe Marine Corps Base Hawaii	MCBH Kaneohe Bay, Fire Fighting Training Area	Low	Response	Hazard Undetermined	Ongoing	IRP
167	Oahu	Navy, Pearl Harbor Naval Complex	Moanalua Shopping Center	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
168	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	Naval Magazine Lualualei (Lualualei Branch)	Low	Assessment	Hazard Undetermined	Inactive	IRP
169	Oahu	Navy, Naval Magazine Pearl Harbor	Naval Magazine Pearl Harbor MMRP	High	Assessment	Hazard Present	Ongoing	MMRP
170	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NAVCAM	Low	Assessment	Hazard Undetermined	Inactive	IRP
171	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building 112/112A Tank Repair Facility	Low	Assessment	Hazard Undetermined	Ongoing	IRP
172	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building D122 Projectile Overhaul Facility	Low	Assessment	Hazard Undetermined	Ongoing	IRP

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	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
173	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Building S461 Battery Washing Shed	Low	Assessment	Hazard Undetermined	Ongoing	IRP
174	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Buildings 172 & 418 Battery Charging Shops	Low	Assessment	Hazard Undetermined	Ongoing	IRP
175	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Closed Small Arms Range MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
176	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Fill Area MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
177	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Former Emergency Detonation Area	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
178	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Homemade Incinerator MRS	Low	Assessment	Hazard Present	Ongoing	MMRP
179	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL M-28 Rifle Grenade Range MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
180	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Northern Munitions Response Sites	Medium	Response	Hazard Present	Ongoing	MMRP
181	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Ordnance Burn Area MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
182	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Outlying Operations Area	Low	Response	Hazard Undetermined	Ongoing	IRP
183	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Rocket Test Range MRS	Low	Response	Hazard Undetermined	Ongoing	MMRP

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	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
184	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Salvage Yard	Medium	Response	Hazard Present	Ongoing	IRP
185	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Scrap Metal Landfill	Low	Assessment	Hazard Undetermined	Ongoing	IRP
186	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Scrap Metal Pile MRS	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
187	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Small Arms Range II	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
188	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Stormwater and Sewage Systems	Low	Assessment	Hazard Undetermined	Ongoing	IRP
189	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Trap and Skeet Range MRS	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
190	Oahu	Navy, Naval Magazine Lualualei (Lualualei Branch)	NAVMAG LLL Waipio Peninsula	High	Response	Hazard Present	Ongoing	IRP
191	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele Burn Pit/Disposal Area	Low	Response	Hazard Managed with Engineering Controls	Ongoing	IRP
192	Oahu	Navy, Naval Magazine Lualualei (Waikele Branch)	NAVMAG Waikele, Contaminated Soil, Waipio	Medium	Assessment	Hazard Present	Ongoing	IRP
193	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch Building 49 Transformer	Medium	Response	Hazard Undetermined	Ongoing	DSMOA
194	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Burning Pit MRS	Low	Response	Hazard Present	Ongoing	MMRP

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	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
195	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Electrical Components Disposal Area MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
196	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Injection Well MRS	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
197	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Otto Fuel Waste Storage Area	Medium	Remedy Selection Complete	No Hazard	NFA	IRP
198	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, Vehicle Maintenance Facility	Medium	Remedy Selection Complete	Hazard Undetermined	NFA	IRP
199	Oahu	Navy, Naval Magazine Lualualai (West Loch Branch)	NAVMAG West Loch, West Loch Burning Pit	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
200	Oahu	Navy, Waipio Peninsula	Navy Waipio Peninsula, Herbicide/Fertilizer Mixing Area	High	Assessment	Hazard Present	Ongoing	IRP
201	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NCTAMS- ADMIN	High	Response	Hazard Undetermined	Ongoing	IRP
202	Oahu	Navy, NCTAMS Pacific	NCTAMS PAC NRTF LLL, Old Coral Pit	Medium	Assessment	Hazard Managed with Engineering Controls	NFA	IRP
203	Oahu	Navy, NCTAMS Pacific	NCTAMS, Abandoned Firing Range	Medium	Response	No Hazard	Ongoing	IRP
204	Oahu	Navy, NCTAMS Pacific	NCTAMS, Antenna 354 Disposal Area	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
205	Oahu	Navy, NCTAMS Pacific	NCTAMS, Building 4 Sump	Medium	Remedy Selection Complete	No Hazard	NFA	IRP
206	Oahu	Navy, NCTAMS Pacific	NCTAMS, Building 6 Disposal Site	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	IRP
207	Oahu	Navy, NCTAMS Pacific	NCTAMS, East Gulch Disposal Site	Medium	Assessment	Hazard Present	Ongoing	IRP

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	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
208	Oahu	Navy, NCTAMS Pacific	NCTAMS, Former Building 63 Tank	NFA	Assessment	No Hazard	NFA	IRP
209	Oahu	Navy, NCTAMS Pacific	NCTAMS, Site 18, Transformers 2, 234, and 420	Medium	Assessment	Hazard Present	Ongoing	IRP
210	Oahu	Navy, NCTAMS Pacific	NCTAMS, Transformer 420	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
211	Oahu	Navy, NCTAMS Pacific	NCTAMS, Transformers 2 and 420	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
212	Oahu	Navy, NCTAMS Pacific	NCTAMS, Various Transformer Sites	Medium	Response	Hazard Undetermined	Ongoing	IRP
213	Oahu	Navy, Naval Computer and Telecommunications Area Master Station-Pacific	NCTAMSPAC Radio Transmitter Facility Lualualei	High	Response	Hazard Undetermined	Ongoing	IRP
214	Oahu	Navy, NAVCAMS EASTPAC Opana	Opana (HI1170090053)	Low	Assessment	Hazard Undetermined	Ongoing	Compliance
215	Oahu	Army, Pokai Bay	Ordnance Reef Site HI-06	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
216	Oahu	Navy, Pearl Harbor Naval Complex	Pearl City Landfill	Low	Assessment	Hazard Undetermined	Inactive	IRP
217	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Hotel Pier 1 & 4	Low	Assessment	Hazard Undetermined	Ongoing	Navy
218	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Base Subsurface Oil	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
219	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Center, Fletragru Firetest Area	Low	Assessment	Hazard Undetermined	Ongoing	IRP
220	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Center, Makalapa Crater	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
221	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Station	Low	Assessment	Hazard Undetermined	Ongoing	IRP
222	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Naval Supply Center	Low	Assessment	Hazard Undetermined	Inactive	IRP
223	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Navy Public Works Center	Low	Assessment	Hazard Undetermined	Inactive	IRP

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224	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Sediment Study	Medium	Assessment	Hazard Present	Ongoing	IRP
225	Oahu	Navy, Pearl Harbor Naval Complex	Pearl Harbor Shore Intermediate Maintenance Activity	Low	Assessment	Hazard Undetermined	Ongoing	Navy
226	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Abandoned Tank	Medium	Assessment	Hazard Undetermined	Inactive	IRP
227	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Contaminated Groundwater	Medium	Assessment	Hazard Undetermined	Inactive	IRP
228	Oahu	Navy, Pearl Harbor Naval Complex	PHFISC, Hotel Pier Site	Low	Assessment	Hazard Undetermined	Inactive	DSMOA
229	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Merry Point Old Diesel Purifier	Medium	Assessment	Hazard Undetermined	Inactive	IRP
230	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, Pearl City Fuel Annex	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	IRP
231	Oahu	Navy, Fleet and Industrial Supply Center (FISC)	PHFISC, PWC Gas Station Bldg 1326	Medium	Assessment	Hazard Undetermined	Inactive	IRP
232	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Aiea Laundry Building 436	Medium	Response	Hazard Present	Ongoing	IRP
233	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-60 Sludge Disposal Pit	Medium	Assessment	Hazard Undetermined	Inactive	IRP
234	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-660 Plating Shore Disposal	Medium	Assessment	Hazard Undetermined	Inactive	IRP
235	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, B-660 Spent Acid Disposal	Medium	Assessment	Hazard Undetermined	Inactive	IRP
236	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 284 Engine Test Cell	High	Response	Hazard Undetermined	Inactive	IRP
237	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 39 Storm Drain Lines	Medium	Assessment	Hazard Undetermined	Inactive	IRP
238	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 43 Storm Drain Lines	Medium	Assessment	Hazard Undetermined	Inactive	IRP

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	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
239	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Building 472, OPS Department Storage	Medium	Assessment	Hazard Undetermined	Inactive	IRP
240	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, EPMU-6 B-1536 Lab O/W Pit	Medium	Assessment	Hazard Undetermined	Inactive	IRP
241	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Ford Island, Building 79	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
242	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Former Transformer J-13	Medium	Response	Hazard Undetermined	Ongoing	IRP
243	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Building 644	Medium	Assessment	Hazard Present	Ongoing	IRP
244	Oahu	Navy	PHNC, Halawa Main Gate GSA, Magazine Loch Site	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
245	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 11	Low	Assessment	Hazard Present	Ongoing	IRP
246	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 12	Medium	Response	Hazard Undetermined	Ongoing	IRP
247	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Remedial Action Area 13	Low	Assessment	Hazard Undetermined	Ongoing	IRP
248	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Storm Drain Inlet Release Sites	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
249	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Halawa Main Gate GSA, Storm Drain Inlet Release Sites, Building 449	Medium	Assessment	Hazard Present	Ongoing	IRP
250	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Little Makalapa Naval Housing Area, Portion Radford Drive & Kamehameha Hwy	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
251	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Open Area near Building 992	Medium	Remedy Selection Complete	No Hazard	NFA	IRP
252	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Quarry Loch Oil Seepage	Medium	Assessment	Hazard Undetermined	Inactive	IRP
253	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Red Hill, Oily Waste Disposal Pit	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
254	Oahu	Navy, Joint Base Command	PHNC, Sandblast Grit Disposal	Medium	Response	Hazard Present	Ongoing	IRP

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255	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Substation G, Building S-6	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
256	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Transformer Site K-14	Low	Assessment	Hazard Undetermined	Ongoing	IRP
257	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Transformer Site TD-10	Medium	Response	Hazard Present	Ongoing	IRP
258	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Underwater Munitions NDSA	High	Assessment	Hazard Undetermined	Ongoing	MMRP
259	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, UST 1 #1-77, #2-77, #3-77	Medium	Assessment	Hazard Undetermined	Inactive	IRP
260	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, UST BP-1	Medium	Assessment	Hazard Present	Ongoing	IRP
261	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, UST EP-1	Medium	Assessment	Hazard Undetermined	Inactive	IRP
262	Oahu	Navy, Pearl Harbor Naval Complex	PHNC, Various Transformer Sites	Medium	Response	Hazard Managed with Engineering Controls	Ongoing	IRP
263	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Area north of Building 1754	Medium	Assessment	No Hazard	NFA	IRP
264	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Former Battery Acid Pit	Medium	Response	Hazard Managed with Engineering Controls	NFA	IRP
265	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, NSY Transport Yard, New 02	Medium	Response	Hazard Managed with Engineering Controls	NFA	IRP
266	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Shipyard GSA, Storm Drain Inlet Release Sites	Medium	Assessment	Hazard Present	Ongoing	IRP
267	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Storm/Sanitary Sewer Drain	Medium	Assessment	Hazard Undetermined	Inactive	IRP
268	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, Sump Plating Tanks B67	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
269	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, UST 5 & 10	Medium	Assessment	Hazard Undetermined	Inactive	IRP
270	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, UST Locations #11	Medium	Assessment	Hazard Undetermined	Inactive	IRP

HAWAII STATE RESPONSE DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
271	Oahu	Navy, Pearl Harbor Naval Shipyard	PHNSY, UST S932	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
272	Oahu	Navy, Public Works Center	PHPWC, Building X24 & Wash Rack X6	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
273	Oahu	Navy, Public Works Center	PHPWC, Burn Area near Pearl City Peninsula	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
274	Oahu	Navy, Public Works Center	PHPWC, Makalapa Landfill Area	Medium	Assessment	Hazard Present	Ongoing	IRP
275	Oahu	Navy, Public Works Center	PHPWC, Makalapa Pesticide Rinseate	NFA	Response	No Hazard	NFA	IRP
276	Oahu	Navy, Public Works Center	PHPWC, Oil Reclamation/Incineration (Naval Shipyard)	Medium	Assessment	Hazard Undetermined	Inactive	IRP
277	Oahu	Navy, Public Works Center	PHPWC, Various Transformers	Medium	Assessment	Hazard Undetermined	Inactive	IRP
278	Oahu	Navy, Public Works Center	PHPWC, Various Transformers II	Medium	Assessment	Hazard Undetermined	Inactive	IRP
279	Oahu	Navy, Public Works Center	PHPWC, Wastewater Treatment Plant Waste	High	Assessment	Hazard Undetermined	Ongoing	IRP
280	Oahu	Navy, Pearl Harbor Naval Complex	PWC Transformer Sites	Low	Assessment	Hazard Undetermined	Inactive	IRP
281	Oahu	Army, Schofield Barracks	Schofield Barracks NCO Academy Building 6055	Low	Assessment	Hazard Undetermined	Ongoing	IRP
282	Oahu	Army, Schofield Barracks	Schofield Barracks Site 26 Car Care	Low	Assessment	Hazard Undetermined	Inactive	IRP
283	Oahu	Army, Schofield Barracks	Schofield Barracks, Site A-100-L-2	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
284	Oahu	Army, Schofield Barracks	Schofield Barracks, Small Bore Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
285	Oahu	Army, Schofield Barracks	Schofield Barracks, UST NCO Academy Building	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
286	Oahu	Army, Tripler Army Medical Center	Tripler Building 144-145 UST	Low	Response	Hazard Undetermined	Ongoing	MMRP
287	Oahu	Navy, Pearl Harbor Naval Complex	USN Fleet Training Group	Low	Assessment	Hazard Undetermined	Ongoing	Navy

HAWAII STATE RESPONSE DEPARTMENT OF DEFENSE STATE MEMORANDUM OF AGREEMENT PROGRAM LIST OF PRIORITY SITES FY2017

	Island	Installation	Site Name	Priority	Action	Potential Hazards and Controls	Site Status	Cleanup Program
288	Oahu	Air Force, Hickam Air Force Base	Waiawa Stream Tributary, Pearl City	Low	Assessment	Hazard Undetermined	Inactive	IRP
289	Oahu	Army, Army Garrison Hawaii, Directorate of Public Works	Waikakalaua Ammo Storage Tunnels	Medium	Assessment	Hazard Undetermined	Ongoing	IRP
290	Oahu	Navy, Naval Magazine Lualualei (West Loch Branch)	Waipahu Incinerator/Ash Dump	Medium	Response	Hazard Present	Ongoing	IRP
291	Oahu	Army, Wheeler Army Airfield	Wheeler AA FT04	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
292	Oahu	Army, Wheeler Army Airfield	Wheeler AA LF01	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
293	Oahu	Army, Wheeler Army Airfield	Wheeler AA SD05	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
294	Oahu	Army, Wheeler Army Airfield	Wheeler AA SD06	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
295	Oahu	Army, Wheeler Army Airfield	Wheeler AA WP07	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
296	Oahu	Army, Wheeler Army Airfield	Wheeler AA WP08	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
297	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield DP02	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
298	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield DP03	Low	Assessment	Hazard Undetermined	Ongoing	DSMOA
299	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield MMRP	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
300	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Archery Range	Low	Assessment	Hazard Undetermined	Inactive	IRP
301	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Combat Aviation Brigade	Medium	Assessment	Hazard Undetermined	Ongoing	MMRP
302	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Firing Range 2a	Low	Assessment	Hazard Undetermined	Ongoing	MMRP
303	Oahu	Army, Wheeler Army Airfield	Wheeler Army Airfield, Skeet Range	Low	Assessment	Hazard Undetermined	Ongoing	MMRP

END OF REPORT