

**REPORT TO THE
TWENTY-SECOND LEGISLATURE
STATE OF HAWAII
2003**

**IN COMPLIANCE WITH HAWAII REVISED STATUTES
CHAPTERS 128D AND 128E
ON THE ACTIVITIES OF THE DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH ADMINISTRATION
OFFICE OF HAZARD EVALUATION AND EMERGENCY RESPONSE
AND USE OF THE ENVIRONMENTAL RESPONSE REVOLVING FUND**

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

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GLOSSARY

AFB	Air Force Base
AGI	Airport Group International
AOC	Area of Concern
ARAR	Applicable Relevant and Appropriate Requirements
AST	Above Ground Storage Tank
ATSDR	Agency for Toxic Substances and Disease Registry
AVGA	Aviation Gas
BETA	Benzene, Toluene, Ethyl Benzene, Xylene
bgs	Below Ground Surface
BRAC	Base Realignment and Closure
CA	Cooperative Agreement
CAB	Clean Air Branch
CCA	Copper Chromium Arsenate
CDC	Center for Disease Control
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CIC	Clean Islands Council
CIP	Campbell Industrial Park
CLEAN	Campbell Local Emergency Action Network
COC	Contaminant of Concern
CSM	Conceptual Site Model
CWB	Clean Water Branch
DAGS	Department of Accounting and General Services
DERP	Defense Environmental Restoration Program
DLNR	Department of Land and Natural Resources
DOFAW	Division of Forestry and Wildlife
DOD	Department of Defense
DOH	Department of Health
DOT	Department of Transportation
DRMO	Defense Reutilization and Marketing Office
DSMOA	Department of Defense/State Memorandum of Agreement
EA	Environmental Assessment
EE/CA	Engineering Evaluation/Cost Analysis
EGIS	Environmental Geographic Information System
EPA	United States Environmental Protection Agency
EPCRA	Emergency Planning and Community Right to Know Act
EPO	Environmental Planning Office
ERO	Environmental Resources Office
ERRF	Environmental Response Revolving Fund
ESI	Expanded site inspection
FEMA	Federal Emergency Management Agency
FUDS	Formerly Used Defense Sites
FS	Feasibility study
FSA	Fuel Storage Annexes
GIS	Geographic Information System

GLOSSARY

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H ₂ S	Hydrogen sulfide
HAR	Hawaii Administrative Rules
HARC	Hawaii Agriculture Research Center
HAZMAT	Hazardous Material (also a Unit in the Fire Department)
HCCPD	Hexachlorocyclopentadiene
HCDA	Hawaii Community Development Authority
HEER	Office of Hazard Evaluation and Emergency Response
HEPCRA	Hawaii Emergency Planning and Community Right-to-Know Act
HERL	Hawaii Environmental Response Law
HHPP	Honolulu Harbor Participating Parties
HIARNG	Hawaii Air National Guard
HPD	Hawaii Fire Department
HRS	Hawaii Revised Statutes
HSERC	Hawaii State Emergency Response Commission
HSPA	Hawaiian Sugar Planter's Association
ICE	Crystal Methamphetamine
IDPP	Iwilei District Participating Partners
IRP	Installation Restoration Project
ISST	Initial Site Screening Team
IT	Industrial Technology
LEPC	Local Emergency Planning Committee's
MOA	Memorandum of Agreement
MCL	Maximum Contaminant Level
MOGAS	Motor gas
MSO	Marine Safety Office, U.S. Coast Guard
NAS	Naval Air Station
NCTAMS	Naval Computer and Telecommunications Area Master Station
NEESA	Naval Energy and Environmental Support Activity
NFA	No Further Action
NFRAP	No Further Remedial Action Planned
NPDES	National pollution discharge and elimination system
NPL	National Priority List
NRTF	Naval Radio Transmitting Facility
NRDA	Natural Resource Damage Assessment
OEQC	Hawaii State Office of Environmental Quality Control
OPA 90	The Oil Pollution Act of 1990
OSWM	Office of Solid Waste Management
OWSG	An Oiled Wildlife Steering Group
PA	Preliminary Assessment
PAHs	Polyaromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethylene also known as PERC
PCP	Pentachlorophenol
PENCO	Pacific Environmental Corporation
PGV	Puna Geothermal Venture

GLOSSARY

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POL	Petroleum Oil and Lubricant Preliminary Remediation Goals
PRP	Potential Responsible Party
QAQC	Quality Assurance/Quality Control
RAB	Restoration Advisory Board
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
ROD	Record of Decision
RPM	State Remedial Project Manager
SDAR	Site Discovery Assessment and Remediation Section
SDWB	Safe Drinking Water Branch
SERC	State Emergency Response Commission
SHWB	Solid and Hazardous Waste Branch
SI	Site Investigation
SITE	Superfund Innovative Technology Evaluation
SOSC	State On-Scene Coordinator
SPA	State Program Approval
SPCC	Spill Prevention Control and Countermeasures
SVOC	Semi-volatile organic compounds
SWTR	Surface Water Treatment Requirements
TAMC	Tripler Army Medical Center
TCE	Trichloroethylene
TBCs	To Be Considered Requirements
TPH	Total Petroleum Hydrocarbon
TSCA	Toxic Substance Control Act
UIC	Underground Injection Control
VOC	Volatile Organic Compound
VRP	Voluntary Response Program
WWTP	Wastewater treatment plant

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EXECUTIVE SUMMARY

OFFICE OF HAZARD EVALUATION AND EMERGENCY RESPONSE FISCAL YEAR 2002 ACTIVITIES

This report complies with Chapters 128D and 128E, HRS, that require the Department of Health (DOH) to prepare an annual report for the State Legislature. In addition, this report provides an overview of the function and activities of the Hazard Evaluation and Emergency Response (HEER) Office during the State Fiscal Year 2002 (July 1, 2001 to June 30, 2002).

I. ANNUAL REPORT REQUIREMENTS

- **Chapter 128D, HRS, Environmental Response Law**, requires the DOH to submit to the legislature an annual report to address the following:
 1. An annual budget to implement remedial action plans requiring funding by the Environmental Response Revolving Fund.
 2. A listing to identify sites eligible for remedial action under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), including a statement as to any appropriation that may be necessary to pay the State's share of the plan.
 3. The Department shall publish and revise, at least annually, a listing of the sites subject to Chapter 128D and any de minimus settlements made under this chapter.

These requirements are addressed in the HEER OFFICE BUDGET AND EXPENDITURES, (Section 4.0) and STATE PRIORITY CLEANUP SITES, (Section 3.0) of this report, and in the Appendices B and C: Department of Health State Site List and Department of Health Release Notification Log, respectively.

- **Chapter 128E, HRS, Hawaii Emergency Planning and Community Right-To-Know Act** (HEPCRA), requires the DOH to report the following:

The amount of Tier II filing fees collected annually for use by the Local Emergency Planning Committees (LEPC) and deposited into the Environmental Response Revolving Fund (ERRF) during FY 2002, the amount collected to date for FY 2003 and the amount to be collected in FY 2004.

The deadline for submitting the HEPCRA Tier II filing fees for the reporting year 2001 (calendar year 2001) is March 1, 2002. Commonly, a greater amount of the filing fees collected by the HEER Office are submitted in February 2002, just prior to the collection due date.

The HEER Office has collected the following Tier II filing fees over the past few fiscal years:

FY 99	\$ 48,900	
FY 00	\$ 69,300	
FY 01	\$ 53,800	
FY 02	\$ 72,100	for 2001 reporting year
FY 03	\$ 6,000	as of September 2002

Fees collected for fiscal years 2003 and 2004 should remain constant at about the \$65,000 level.

The Tier II filing fees have been, or are being distributed as noted below to the Local Emergency Planning Committees, after deductions for the Hawaii State Emergency Response Commission (HSERC) operating expenses.

FY 01	\$ 60,000
FY 02	\$ 53,352
FY 03	\$ 37,022

II. OVERVIEW OF HEER FUNCTION AND ACTIVITIES

In general, the function of the HEER Office is to plan for and respond to hazardous substance, pollutant, contaminant and oil releases to the environment. The HEER Office evaluates actual or potential impacts such releases may have on the public, environment, and natural resources, and mitigates them as needed. The HEER Office is staffed with professionals able to assess chemical risks, evaluate the extent of chemical contamination, formulate response plans, oversee remediation, and actually conduct response activities. In addition, the HEER Office coordinates statewide planning activities to prepare for and respond to chemical and oil spills in the environment.

During FY 2002, the HEER Office received 490 notifications concerning the release of a hazardous chemicals or oil spills. Out of the 490 notifications reported, 40 required a site visit by a State On-Scene-Coordinator (SOSC) and/or major off-scene coordination and response. This spill response number is not consistent with the 79 responses reported in FY 2001 because we have tightened the interpretation of spill response to mean any action which the State On-Scene Coordinators are actively involved in the initial and follow-up actions. Notable among the spill responses during FY 2002 include the following:

- Honolulu Harbor Area-wide Contamination
- Hilo Bayfront Soccer Fields
- Reported Anthrax Incidences
- Kekaha Sugar Mill

Details of these responses can be found in Section 2.3.4, Significant Site Summaries from the Emergency Response Section.

III. FY 2002 PRIORITY AREAS AND PROGRAM IMPROVEMENTS

During FY 2002, the HEER Office concentrated on further improving its programs and enhancing its capacities in the following priority areas:

- Improve enforcement of Chapters 128D and 128E, HRS.
- Improve emergency response preparedness.
- Improve oversight and response to contaminated sites.
- Develop and improve usage of the Voluntary Response and Brownfields Programs.
- Develop a Hawaii Chemical Accident Release Prevention Program.
- Improve office operations, policy and administration.

During FY 2002, the HEER Office did not have any legislation passed by the 2001 Legislature to implement.

During the 2002 Legislature (January-May 2002), the HEER Office tracked the following legislation till their enactment:

- Act 60, SLH 2002, Hawaii State Emergency Response Commission

Authorizes either the University of Hawaii Dean of the School of Public Health, if accredited, or the Dean of the School of Medicine to sit on the Hawaii State Emergency Response Commission.

- Act 173, SLH 2002, Environmental Site Cleanup and Redevelopment

Establishes a Brownfields Clean-up Revolving Loan Fund in the Department of Business, Economic Development and Tourism (DBEDT) to provide low interest loans and grants for the clean-up of contaminated Brownfields sites.

- Act 177, SLH 2002, State Budget

Tracked the unsuccessful request by the Department of Land and Natural Resources for \$632,025 to obtain general funds to reimburse the Environmental Response Revolving Fund for expenses spent from the fund to clean up the Puuwai Momi (state managed housing complex) mercury contamination incident.

Also, tracked the unsuccessful attempt by the Environmental Health Administration to establish and fund an Environmental Information Specialist position. The information specialist was needed to assist the Department of Health's Public Information Officer (PIO) and to allow the PIO to have a more effective presence in environmental incidences and matters.

- Act 178, SLH 2002, State Finances

The legislature determined that there was at least \$3,000,000 in excess of the requirements of the Environmental Response Revolving Fund (ERRF) and authorized the Director of Finance to transfer from the ERRF to the general fund the sum of \$3,000,000 or so much thereof as may be necessary for fiscal year 2002-2003.

In FY 2003, the HEER Office will continue to build its capacity to order, enforce and oversee cleanups of contaminated sites and recover costs wherever possible. In addition, it will encourage greater utilization of incentive programs such as the Brownfields' program to return contaminated properties to productive economic use.

Finally, the HEER Office will work to develop and implement a comprehensive Hawaii Chemical Accident Release Prevention Program. The priorities are:

IV. FY 2002 AND FY 2003 HEER OFFICE OPERATING PLAN

- **Improve enforcement of Chapters 128D and 128E, HRS**
- **Improve emergency response preparedness.**
- **Improve oversight and response to contaminated sites.**
- **Develop and improve usage of the VRP and Brownfields programs.**
- **Improve office operations policy and administration.**
- **Develop a Hawaii Chemical Accident Release Prevention Program.**

1.0. THE HEER OFFICE

The HEER Office operates under various environmental authorities. The primary state enabling legislation is Chapter 128D, HRS, "Environmental Response Law" or commonly referred to as Hawaii's Environmental Response Law (HERL) and Chapter 128E, HRS, "Hawaii Emergency Planning and Community Right-to-Know Act" (HEPCRA). Chapter 128D, HRS, is modeled after the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and Chapter 128E, HRS, is modeled after the federal Emergency Planning and Community Right-To-Know Act (EPCRA). However, unlike CERCLA, ERL defines hazardous substances to include oil. For oil spill planning, preparedness and response, the HEER Office becomes involved under the authority of the Oil Pollution Act of 1990 (OPA 90). The following tables list the legal authorities under which the HEER Office operates:

1.1. Authorities

STATE LAWS/RULES (Hawaii Revised Statutes – HRS)

STATE LAW Hawaii Revised Statutes (HRS)	STATE REGULATIONS Hawaii Administrative Rules (HAR)
Chapter 128D, HRS "Environmental Response Law" (ERL)	Title 11, Chapter 451, HAR "State Contingency Plan" (SCP)
Title 19, Chapter 321, HRS "Department of Health"	Title 11, Chapter 5, HAR Environmentally-Related Illness and Injury"
Chapter 128E, HRS "Hawaii Emergency Planning and Community Right-to-Know Act" (HEPCRA)	

FEDERAL LAWS (Code of Federal Register – CFR)

FEDERAL LAW National Code of Federal Register (CFR)	FEDERAL REGULATIONS National Contingency Plan (NCP)
Comprehensive Environmental Response, Compensation & Liability Act (CERCLA), 40 CFR	40 CFR, Part 300, "National Contingency Plan" (NCP)
Emergency Planning and Community Right-to Know Act, (EPCRA), 40 CFR	40 CFR, Part 302, "National Contingency Plan" (NCP)
Clean Air Act (CAA), Section 112(r) Risk Management Program	40 CFR, Part 302, "National Contingency Plan" (NCP)
Oil Pollution Act of 1990 (OPA 90), 40 CFR, Part 300	40 CFR, Part 300, "National Contingency Plan" (NCP)

1.2. Program Mission and Objectives

1.2.1. Mission

To protect human health, public welfare and the environment, and to provide state leadership, support and partnership in preventing, planning for, responding to, eliminating, and enforcing environmental laws related to releases or threats of releases of hazardous substances, pollutants or contaminants including oil.

Specific program actions are:

1. Prepare for and respond in a timely and effective manner to releases of hazardous substances and oil into the environment.
2. Prepare and respond to all media related (air, land and water) releases during non-routine state working hours (off-hours).
3. Locate, investigate, and assist in the cleanup of lands with prior releases of hazardous substances, pollutants or contaminants.
4. Prevent harmful releases of oil and hazardous substances into the environment.
5. Evaluate the risks associated with releases of chemicals into the environment and other environmental risks to public health and the ecosystem.

1.2.2. Objectives

The following are our objectives:

Objective A: Environmental Release Response

- A-1: Improve the preparedness of federal, state and local entities to respond to releases of petroleum and hazardous materials into the environment utilizing risk-based management principles and effective partnerships.
- A-2: Integrate the Department of Health's response and cleanup programs utilizing risk-based management principles and effective partnerships.
- A-3: Enhance and improve capabilities to identify and assess hazardous substance and petroleum-contaminated sites.
- A-4: Enhance and improve capabilities to clean up hazardous and petroleum waste sites.

Objective B: Environmental Contamination Prevention

B-1: Implement an oil spill prevention program in Hawaii.

B-2: Implement a Pipeline Safety Program.

B-3: Implement a Clean Air Act (CAA) Section 112(r) Risk Management Program.

B-4: Implement a HEPCRA Inspection Program.

Objective C: Statewide Risk Assessment Support

C-1: Maintain an ongoing core of qualified environmental technical experts.

2.0. FY 2002 ACTIVITY

2.1. FY 2002 HEER Office Priorities

During FY 2002, the HEER Office concentrated on improving its oversight and response capabilities, such as to the area-wide contamination in the Honolulu Harbor area. The FY 2002 Operating Plan priorities were:

- **Improve enforcement of Chapters 128D and 128E, HRS**
- **Improve emergency response preparedness.**
- **Improve oversight and response to contaminated sites.**
- **Develop and improve usage of the VRP and Brownfields Programs.**
- **Improve office operations, policy and administration.**
- **Develop a Hawaii Chemical Accident Release Prevention Program.**

2.2. FY 2002 Notable Accomplishments by Priorities

2.2.1. Improved Enforcement of Chapters 128D and 128E, HRS

2.2.1.1. Legal Support/Enforcement

A Deputy Attorney General was fully funded by the Environmental Response Revolving Fund (ERRF) and continued to spend two days a week at the HEER Office. Legal support was solicited by the HEER Office to provide staff with assistance and legal resources regarding investigation, enforcement, response and cost recovery activities resulting from the accidental and/or intentional release of hazardous chemicals, including oil and various petroleum constituents. Upon request, the Deputy Attorney General scheduled consultations with HEER staff to discuss overall and site-specific legal issues.

In FY 2001, \$622,462.56 was expended from the ERRF for the mercury cleanup of the Puuwai Momi Housing Complex. The cost recovery effort by the Department of Health to have the Department of Land and Natural Resources (DLNR) reimburse the ERRF for the expended amount through a request to the 2002 Legislature was not successful.

Issues of concern to the HEER Office related to cost recovery for expenditures from the ERRF include:

- Cost recovery during enforcement.
- Recovering expended response funds from the responsible parties.
- Issues concerning closure of federal facilities.
- State agencies as responsible parties.
- Transfer of closed federal facilities to other state agencies.
- Brownfields redevelopment of State lands.
- Voluntary Response Program.
- Cleaning up State Priority listed sites.

The Deputy Attorney General also supported the HEER staff in FY 2002 by providing consultation, discussion and/or resolve to issues regarding:

Advice and/or counsel regarding subpoena, order, contract, agreement, memorandum of agreement (MOA), settlement, lawsuit, cost recovery, property access, record review, confidential material, natural resource damage assessment, rehabilitation and recovery, and emergency response and remedial activities.

Finally, the Deputy Attorney General provided support to the State On-Scene Coordinators and staff in the Emergency Response Section on issues specific to priority sites, in particular, the negotiations on the cleanup of Honolulu Harbor.

The initial agreement included coordinating fifteen organizations with approximately thirty representatives, including the major oil companies and the State Department of Transportation that are operating or were operating in the Honolulu Harbor area-wide contamination site. A second agreement is being developed for the current Iwilei operating companies to provide the State and EPA with assurance that no further releases are occurring and a prevention program is in place to prevent any additional contamination in the area.

2.2.2. Improve Emergency Response Preparedness

2.2.2.1 Pollution Exercise Participation

In FY 2002, the DOH continued to play an active role in designing, planning, and conducting a wide range of oil and hazardous materials (HAZMAT) training exercises, modeled after the nationally recognized Incident Command System (ICS) objectives. The ICS is recognized nationally and is the directive used in all response efforts. In Hawaii the ICS protocol is used to establish a Unified Command System (UCS). The UCS brings the DOH, U.S. Coast Guard and representatives of the Responsible Party together for emergency response actions. The UCS effectively is the ICS national response directive for the State serving to enable effective USC decision-making that serves the particular best interests of each participating party.

In the UCS, either the U.S. Coast Guard Captain of Port, or an Environmental Protection Agency (EPA) OSC is the designated Federal On-Scene Coordinator (FOSC) by presidential directive, and can thereby provide the State with Federal monetary and technical resources necessary for oil related or hazardous substance related emergencies of national priority.

The State DOH works hand-in-hand with the FOSC once a UCS is initiated. The State On-Scene Coordinators (SOSCs) are instrumental in making determinations necessary to address priority issues concerning the State of Hawaii. There are four designated SOSCs in the State of Hawaii, employed by the DOH and staffed within the HEER Office.

The SOSCs represent the State under the directive of the Governor of the State of Hawaii. Under the UCS the SOSCs are responsible for bringing about or initiating measures that provide the best State resources and manpower available at any moment to respond to the release of hazardous chemicals, including oil and its constituents. The SOSCs have the

authority to act on behalf of the State for the Governor as mandated in Chapter 128D (Environmental Response Law) to bring about expedient and effective response to protect human health and the environment.

In FY 2002, SOSCs participated in tabletop and deployment exercises conducted by CHEVRON, TESORO, TOSCO and HECO. These exercises test and challenge the capabilities of all participating responders in the State and are the basis by which the Incident Command System operates.

The DOH, in partnership with the U.S. Coast Guard, EPA and industry, held regular training and workshops on response operations throughout the year. Many of these exercises were used to evaluate the response capabilities of other important response agencies in the State such as the police and fire departments, Hazmat and the Civil Defense. The preparedness for emergency response to oil or chemical releases is tested and improvements to plans and equipment are made based on these exercises.

2.2.2.2. Campbell Local Emergency Action Network (CLEAN)

CLEAN was developed in 1997 by businesses in the James Campbell Industrial Park (CIP) to address emergency planning issues, including public health and safety, for the CIP and surrounding community. The DOH HEER Office has participated in this effort and is highly supportive of their activities. An Emergency Management Plan for the CIP currently in use provides guidance and information to emergency response personnel, local residents, and businesses based on local conditions and specific CIP hazards. Community involvement has been present throughout the planning process. A special task force has been working to improve the overall effectiveness of the warning /notification system, to achieve increased public awareness and protection in and around CIP, and to provide public education on appropriate responses to the warning-notification in the event of an emergency. CLEAN has procured Sentinel Alert Radios for CIP and public facilities, including schools in the area to enhance notification of a chemical release. This year, the CLEAN organization was active in community outreach and participated in the Makakilo Emergency Preparedness Fair. During FY2002 a key project was working with the State Department of Education (DOE) to provide "Shelter In Place" training and upgrade school communications for Public Schools in the area.

2.2.2.3. Airborne Dispersant Delivery System (ADDS)

In April 1999, Governor Cayetano signed a Memorandum of Agreement (MOA) with Rear Admiral J.J. McClelland, Commander of the Coast Guard's Fourteenth District and with the Clean Islands Council (oil industry spill response co-op). Under the MOA, the Coast Guard will use one of its four C-130 aircraft at Barbers Point Air Station to fly the State owned Airborne Dispersant Delivery System (ADDS) to a spill site for usage. The Clean Island Council maintains the ADDS and trains personnel for immediate use of the system in the event of an oil spill. This oil spill response capability allows the State and the Coast Guard to utilize chemical dispersant to fight offshore oil spills. The ability to use chemical dispersant greatly enhances the State's oil spill response capability for combating oil spills in the Hawaiian Island chain, including locations distant from Honolulu. It is critical that this capability exist immediately after an oil spill occurs to be most effective in keeping the oil from reaching Hawaii's beaches. Dependency on mainland aircraft would delay operations for several days.

The State purchased the ADDS with funds from the Environmental Response Revolving Fund. The Coast Guard, HEER Office, and Clean Island Council (CIC) execute an airborne dispersant delivery system drill, annually. This partnership is an added deterrent against the devastating impact that a large oil spill could have on Hawaii. The value of having a Dispersant capability available was demonstrated when a release occurred at the TESORRO Single Point Mooring. Dispersant was applied and prevented the slick from potentially impacting the shores of Kauai, as occurred with previous spills.

2.2.2.4 Hawaii Emergency Planning and Community Right-to-Know Act

The HEER Office collected \$72,100 through 6/30/02 in Tier II reporting fees as required by Chapter 128E, Hawaii Emergency Planning and Community Right-To-Know Act (HEPCRA). Act 260, SLH 1997 authorizes these fees to be deposited into the Environmental Response Revolving Fund. The Department of Health received the budgetary approval from the 1999 legislature to distribute the Tier II fees collected to the Local Emergency Planning Committees (LEPCs) for their use in emergency planning. The distribution of the Tier II fees is implemented by the Hawaii State Emergency Response Commission (HSERC). HSERC implements HEPCRA and is administratively staffed by the State Department of Health (DOH).

At the Hawaii State Emergency Response Commission (HSERC) meeting held on May 18, 2001, the TIER II funds of \$53,342 were approved by the HSERC membership to be dispersed to each LEPC for operational expense in the following manner: a base of \$5,000 and the balance on the percentage of TIER II funds collected in each emergency planning district for the 1999 calendar year. The following is the distribution to the nearest dollar:

Honolulu	\$19,337
Hawaii	\$14,336
Maui	\$10,668
Kauai	\$ 9,001

At the HSERC meeting held on August 10, 2001, the U.S. Department of Transportation, Hazardous Materials Emergency Preparedness (HMEP) Planning Grant funds (\$42,068) and the HSERC matching funds (\$10,517) for a total amount of \$52,585 for projects to update the LEPC emergency plans for Fiscal Year 2002 was approved by the HSERC members and allocated in the following manner:

Honolulu	\$16,000
Hawaii	\$16,085
Kauai	\$16,000
Maui	\$ 4,500

Operation Kalaeloa, a Federal Emergency Management Agency (FEMA) sponsored Comprehensive HAZMAT Emergency Response Capability Assessment Program (CHER-CAP) hazardous materials full-scale field exercise, took place on May 22, 2002 at Campbell Industrial Park. The exercise was designed to test the Honolulu LEPC Hazardous Materials Response Plan. The exercise involved a simulated release of anhydrous ammonia from a 25,000 gallon tank at AES Hawaii, Inc., a coal-fired cogeneration plant that provides approximately 16% of Oahu's electrical power.

In the planning and developing of the hazardous materials exercise, personnel from the

HEER Office attended a hazardous materials exercise design class during August 13-16, 2001. They also participated in the planning and organizational meetings that started in January 2001. During the exercise, they were part of the "Safety" or "Simulation" group.

Members from the Honolulu, Kauai, and Hawaii County LEPCs, the HSERC, and the DOH attended the Millennium 2000 HazMat Explo in December 2-6, 2001 in Las Vegas, Nevada, which is a hazardous materials training conference with training sessions in Industry, Medical, Radiological, LEPC, First Responder and Environmental. The HazMat Explo was created in response to State Emergency Response Commission and Local Emergency Response Committee members' throughout the country requesting a conference that would provide expert training in solutions to problems posed by hazardous materials.

The annual meeting of the National Association of SARA Title Three Program Officials (NASTTPO) was held in April 8-13, 2001 in Honolulu, Hawaii. It was a coordinated effort organized by the HSERC, DOH, State Civil Defense (SCD), and the LEPCs (Honolulu, Kauai, Hawaii County and Maui). This meeting provided a setting for interaction and the sharing of ideas, problems, and solutions with other people responsible for implementing EPCRA. NASTTPO works with other organizations and federal, state, tribal, and local agencies with an interest in EPCRA and keeps its members informed about issues, legislature and regulatory developments affecting EPCRA. It studies EPCRA issues and comments on federal proposals such as DOT, EPA, FEMA, and Occupational Safety and Health Administration (OSHA) draft rules; issues papers produced by such federal agencies; and budget actions which affect implementation of EPCRA.

2.2.3. Improve Oversight and Response to Contaminated Sites.

2.2.3.1. Response Contracts.

Chapter 128D, Environmental Response Law (ERL), of the Hawaii Revised Statutes (HRS), specifically mandates the Department of Health (DOH) to undertake response actions whenever any hazardous substance, pollutant and/or contaminant, including oil, are released or there is a substantial threat of a release into the environment that may present a substantial threat to the public health, welfare, or to the environment. To implement the requirements of Chapter 128D, ERL, the DOH, Hazard Evaluation and Emergency Response (HEER) Office solicited the qualifications of several environmental companies. After an extensive evaluation, three companies were selected in FY 2002.

A time-critical emergency environmental response contract was awarded to the Pacific Environmental Corporation (PENCO) on July 19, 2001 and the non-emergency environmental response contracts were awarded to AMEC Earth & Environmental, Inc. (primary contractor) on December 5, 2001 and to The Environmental Company, Inc. (secondary contractor) on October 22, 2001.

2.2.3.2. Initial Site Screening Team - ISST

The Initial Site Screening Team, composed of members of the Site Discovery, Assessment and Remediation (SDAR) Section, has been screening suspected contaminated sites for the last four years. The ISST screening is one tool used by staff in the HEER Office to determine the potential risk to public health, welfare and environment including natural resource

damages that may be posed by contamination or associated with exposure to the contamination. Knowing the cleanup priority and complexity of the contamination aids staff in their determination of the most appropriate and applicable cleanup technologies. Every site that comes to the ISST is screened and assigned a priority of either high, medium, low. Also the determination that, "no further action (NFA) is necessary", is also a decision made by the ISST. Potential Responsible Parties (PRPs) connected with contaminated sites are notified by letter reporting the priority ranking of their sites. Sites that are ranked medium or high priority by the ISST may be assigned to a State Remedial Project Manager (RPM). Low priority sites generally do not have site managers assigned to them at this time. Some sites eligible for further investigation under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) are assigned to personnel in the Preliminary Assessment/Site Investigation (PA/SI) group. Sites that are ineligible under CERCLA may still be eligible under the State program and are sent to the ISST for assessment.

During FY 2002, the ISST completed the screening of 19 sites with the following prioritizations: 4 high priority sites; 0 medium priority sites; 5 low priority sites; and 10 no further action (NFA) sites.

2.2.4. Develop and Improve Usage of the Voluntary Response and Brownfields Programs

2.2.4.1. Voluntary Response Program (VRP)

Hawaii's Voluntary Response Program (VRP) was established by statute in 1997 (Chapter 128D, Part II, HRS). The VRP encourages voluntary cleanup of contaminated properties. The 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. Current or past property owners can participate in this program, but exemptions from liability can only be given to future purchasers. Completion of the voluntary cleanup action is accompanied by a Letter of Completion, issued by the Department of Health and recorded on the property deed. During FY 2002 the number of VRP sites increased from nine to eleven projects, with more applications expected should the State's economic outlook improve. Currently, only one Letter of Completion (LOC) has been issued in September 1999 to the Home Depot Project. Remediation has been completed for the Castle and Cooke Renaissance and Ross Trust projects and LOCs are presently being drafted by DOH.

2.2.4.2. Brownfields Program

In 2001, the Department of Business, Economic Development and Tourism (DBEDT), with the assistance of the Department of Health, began the implementation of a Brownfields Pilot Assessment grant of \$200,000 from EPA. This project developed an inventory of potential Brownfields sites that are owned by state and county agencies, including redevelopment agencies. Stakeholder agencies and community organizations have been involved in prioritizing these sites and have identified the top six sites which will be eligible to receive environmental site assessment in FY2002 with available grant funds. The group further prioritized to the top twenty-five sites that could receive assessments and possibly, cleanup funds in the future. This grant is administered and coordinated by DBEDT, and DOH provides technical and the targeted site assessment work support. During FY 2002, the DOH HEER Office continued focusing on the promotion and coordination of a comprehensive

Hawaii State Brownfields Initiative in coordination with EPA Region IX and DBEDT. Activities included:

- In June 2002, co-sponsored with EPA Region IX and the State of Hawaii Department of Business, Economic Development and Tourism a two-day Quality Assurance and Sampling and Analyses Plan training course for DOH personnel and State contractors.
- Submitted a Statement of Work to State Contractors for Site Assessment for the top two priority sites.
- Worked with DBEDT and the Office of Planning on the proposed inventory of State contaminated sites.
- Provided encouragement for other State Brownfields partners to apply for Brownfields Environmental Job Training and Development Pilot Grant and Brownfields Cleanup Revolving Loan Fund Grant.

2.2.5. Improve Office Operations, Policy and Administration.

2.2.5.1. Management

The HEER Office Manager encourages the section supervisors to be self-directed. This allows the section supervisors to focus their efforts precisely on their respective areas of responsibility.

2.2.5.2. Planning Section

The Planning Section is involved in many diverse office operations and serves to support the entire office with long-term planning, program development, financial, data management, logistical and legislative expertise. The planning section maintains personnel with both practical and scientific educational backgrounds. Office-wide planning, program development and data management are foremost in this section's support of office operations. Staff working in this section, play an important role serving office-wide in the coordination and support of the legal, administrative, legislative and technical documentations necessary for implementation of Chapter 128D, Environmental Response Law and other related mandates. Documents generated and/or coordinated through the Planning Section in FY 2002 include:

- The 2002 Annual Report to the Legislature to comply with Chapters 128D and 128E.
- The Federal Combined Superfund Grant.
- Status and financial reporting for the four programs receiving federal funds through the Combined Superfund Grant.
- Reporting of HEER Office purchases from Hawaii's minority owned and/or women owned Business Enterprises.
- The HEER Office Annual Expenditure Plan; and

- Updates to the HEER Strategic Plans.

A major goal of the Planning Section is to assist the other sections, to have into place regulations, policies, guidelines and procedures for responding to releases of hazardous substances, pollutants or contaminants.

The Planning section is responsible for identifying resource and training needs to ensure that all HEER staff has the capabilities to function in the protection of human health and the environment.

2.2.5.3. Data Management

The Hazard Evaluation and Emergency Response (HEER) Office maintains three major categories of information in its consolidated database:

- Releases – Records of the chemical spills reported;
- SiteList – Records of State Superfund cleanup sites; and
- HEPCRA– Records of chemical facilities reporting under the Hawaii Emergency Planning and Community Right-to-Know Act (HEPCRA).

Previously, this information was situated in separate databases, however, in FY 2002 consolidation took place. This data is maintained in a Microsoft Access database on the Environmental Health Administration's local area network (LAN). Each record in the database corresponds to a physical file. In addition, the database is used in tracking workflow throughout the office, in particular contaminated site handoff between separate HEER sections. The database has been used for file retrieval since its inception and this type of use is routine. The office is currently improving the workflow related to the database and the database is slowly beginning to summarize the contents of the physical files in addition to merely indexing them.

2.2.5.4. Data Integration

A reorganization of the physical files was initiated in FY 2001 and has continued through FY 2002. This on-going project involves consolidating related physical records according to the Facility Identification Template for States (FITS), a data model developed by the states and EPA for integrating identification information about sites of environmental interest. The physical records were reconciled with the electronic records. A consistent labeling and file access process was instituted and largely completed. In addition, as previously mentioned, the three major categories of electronic information were consolidated within one Access database creating a master index. This index forms the basis for integrating HEER records with related records in the Solid and Hazardous Waste Branch, an upcoming project for FY 2003.

2.2.5.5. Data Quality

The HEER Office has increased the precision with which we define sites within our office.

We have crosschecked, standardized and added to geographic identifiers for those sites. In consolidating separate categories of information for a site at a well-defined location, we've added value to those records, making it easier to visualize the history and status of the site and to make comparisons to and links with other data layers.

2.2.5.6. Site List Database Development

Summaries of key documents identifying milestones in site cleanup progress were added to the sitelist information available electronically. This provides management with a snapshot of the status of all the longer term projects in the office and provides information on the programs a site participates in (VRP, Brownfields, Unregulated UST), its project management history and listings of available documentation concerning the site.

2.2.5.7. Website Capability

An ongoing challenge is the expansion of website capabilities. We are developing the HEER database to function within an Internet platform. This will give the HEER Office the ability to exchange information and technology worldwide. The database in an Internet platform will lend itself well to sharing geographic information.

2.2.6. Develop a Chemical Accident Release Prevention Program.

2.2.6.1. Clean Air Act (CAA) 112(r): Accidental Release Prevention Program (ARPP)

The State of Hawaii through the Hazardous Evaluation & Emergency Response Office has taken on the responsibility of obtaining delegation from EPA to implement the Clean Air Act, Section 112(r), Accidental Release Prevention Program. The focus of the ARPP is prevention and preparedness through the detection and prevention of accidental releases of hazardous chemicals into the ambient air that could cause harm to the public and the environment. Risk management plans (RMPs) are prepared by facilities regulated under this program and form the basis for preparedness and prevention of accidental releases.

The ARPP was initiated by EPA as a result of the 1984 catastrophic chemical release at a The Union Carbide plant in Bhopal, India, which killed 2,000 people and injured as many as 200,000 people. A 1990 study comparing mid-1980's U.S. chemical incidents to the Bhopal tragedy indicated that of the 26 incidents studied, 17 of them could have been more fatal than what occurred in Bhopal. Factors such as weather conditions, facility location and swift evacuation procedures had prevented greater disasters from occurring.

Closer to home, on November 22, 1999, an incident occurred in Hawaii involving the release of sulfuric acid mixed with chlorine bleach. The mixture created a plume of toxic gas. Approximately 35 tons of chemicals leaked out of a corroded drainage pipe located at Brewer Environmental Industry in Campbell Industrial Park. Fortunately, there were no injuries reported. The spill did not contaminate the drinking water source nor did it pose a threat to the public. Although the event was not catastrophic, the release could have been avoided if

routine maintenance was done. Incidents such as this are a prime reason why it is vital for ARPP facilities to be monitored by the State.

During FY 2001, an environmental health specialist was hired into the RMP Coordinator position that was created by the 1999 Legislature. The RMP Coordinator focused on understanding the program, identifying covered facilities taking appropriate training, and working on the preliminary stages of designing an appropriate program for Hawaii. Until Hawaii obtains delegation of this program from EPA, it was told that it must apply for an EPA credential for the RMP Coordinator in order to do any inspections.

During FY 2002, the RMP Coordinator was unsuccessful in obtaining from EPA credentials to gain official inspection access to the covered facilities. The State Deputy Attorney General supporting the program ruled that the RMP Coordinator could not do any field inspections without specific legal authorization. However, the RMP Coordinator was able to accompany EPA personnel doing ARPP facility inspections by EPA on Oahu in April 2002. The RMP Coordinator continues to work towards obtaining some form of official inspection designation through a Memorandum of Agreement (MOA) with EPA along with an official letter. In addition, the RMP Coordinator has taken additional training and performed executive summary desk audits of covered facilities. In addition, the RMP Coordinator assisted in putting on the annual meeting of the National Association of SARA Title III Program Officials (NASTTPO) conference held in Honolulu in April 2002.

2.2.6.2. Hawaii Pipeline Corrosion Control Coordinating Committee

This Committee was formed within the DOH for administrative purposes for two years in compliance with Act 148, SLH 1997. Act 148 SLH 1997 was to sunset on June 30, 1999; however, the pipeline operators continue to meet quarterly to promote pipeline safety. A depository for pipeline maps has been established with the intention that the information be placed into the planned Environmental Geographic Information System (GIS). The committee acts as a forum to share information and technology. A database has been created to facilitate cathodic protection testing and interference mitigation of pipelines. The State Department of Transportation's Office of Pipeline Safety provided training for pipeline operators.

2.2.6.3. Four Counties' Used Oil Collection Programs

The HEER Office budgeted \$200,000 for the DOH's Office of Solid Waste Management (OSWM) to use for waste oil and hazardous waste education and outreach and to provide the four counties with funds for their Residential "Do It Yourself" Used Oil collection programs. These funds cover a portion of the cost for the operation of the collection centers on the neighbor islands and the provision of "Oil Eater Boxes" to residents on Oahu. Technical guidance on the best management practices regarding used motor oil is also provided to recreational boaters and other small generators as part of the OSWM program.

2.3. FY 2002 Responses

During FY 2002, the HEER Office responded to 40 of the 490 notifications reported, The Appendix C Release Notification Log, contains a listing of each of these notifications during the year. Many of these notifications were for small spills that were resolved in less than one day.

The HEER Office also has a number of contaminated sites that require significant time and/or resources to resolve. Appendix B State Site List contains a listing of these sites along with pertinent information. Sites managed by the HEER Office during FY 2002, including those that the HEER Office provided assistance to other State programs, are summarized in the following pages.

2.3.1. Significant Site Summaries from the Emergency Response Section

2.3.1.1. Honolulu Harbor Area-wide Contamination

In FY 2002, the Honolulu Harbor Participating Parties (HHPP) has evolved into the Iwilei District Participating Partners (IDPP). Their activities have continued to focus on preventing petroleum releases from the area-wide contamination from entering Honolulu Harbor and the waters of the State. The Hawaii Department of Health (DOH) HEER Office has continued the oversight of source control, containment, response activities, and pipeline mapping. The Environmental Protection Agency (EPA) Federal On-Scene Coordinators are assisting in this State lead joint project.

The IDPP is a group of organizations which has negotiated a voluntary agreement with DOH to control releases, delineate the extent of contamination, remove sources, and eventually cleanup and remediate the Iwilei area. During the year, the group and its contractors have concentrated on old abandoned pipelines and valve boxes in the vicinity of Pier 26 and Pacific Street (near Hilo Hattie's). Junctions of the pipelines have been excavated and the contents evacuated. In the process, the lines have been traced and mapped, contributing to the knowledge of where the old petroleum lines are located. A release on Pacific Street resulted in uncovering lines to defunct businesses and the recovery of approximately 740 gallons of fuel oil.

A petroleum extraction system has been installed in the Pier 26 area just makai of the Roberts Tour Bus facility. This branched system of pumps pulls oil from atop the groundwater for retrieval and extracts the vapors for burning in a catalytic converter. Previous releases of this oil to the ocean caused the project to proceed as an emergency response. The releases are now abated and 3300 gallons has been recovered to date. A new agreement has been signed with the petroleum companies in the Iwilei area, and they have hired a consultant company to carry out the terms. The basis of the agreement ensures that these companies will take outlined steps to prevent releases of contaminants to areas of the Iwilei project, which have already been cleaned up.

The HEER Office will continue to provide oversight of the cleanup and work with the group to ensure that the conditions of the two agreements are carried out in a timely manner. The

second agreement is currently being developed with current operating companies in the Iwilei area. The work will entail the evaluation of current facilities and the control/elimination of future releases. It is envisioned that the area wide remediation effort will require staff time for several more years.

2.3.1.2. Hilo Bayfront Soccer Fields

In November 2001, flooding of the Alenaio Stream Flood Control Channel pushed contaminated soil from an old gasification plant on to the Hilo bayfront soccer fields. Additionally, ten drums of tar like fuel residue were deposited on the stream bank. The tar and the soil contaminated with polycyclic aromatic hydrocarbons (PAH) were removed and the fields capped by Hawaii County with clean soil. A berm is located at the Northern end of the site and contains approximately three thousand cubic yards of buried tar left by the Army Corps of Engineers during construction of the scour pond for the channel. Monitoring wells previously constructed to assess any groundwater impact by the buried tar in the berm were wiped out by the flooding and since restored by the County and FEMA. Samples taken in October 2002 show no significant groundwater impingement. Efforts to find a removal method for the tar in the berm are continuing.

2.3.1.3. Environmental Crimes Task Force.

The HEER Office State On-Scene Coordinators (SOSCs) have continued their role with the task force under the lead of the US Attorneys office and EPA Criminal Investigation Division. The EPA has hired a local person to be the Honolulu Resident Agent. The SOSCs continue to provide information and support for investigations, particularly when intentional releases of hazardous substances are perpetrated as a means of disposal. Several of these criminal releases have cross-jurisdictional issues with Federal facilities. The HEER Office laboratory contract for rapid identification of unknown chemicals not only aids in emergency response but also in determining if a crime has been committed. A current project underway at the HEER Office is intended to link the laboratory and investigator resources in a network, both for environmental crime use and for Weapons of Mass Destruction (WMD) and clandestine drug lab activity.

2.3.1.4. Chemical and Bio-Terrorism Response

The HEER Office and SOSCs responded to over half of the 473 Anthrax reports received in the State. Support and coordination with County HAZMAT units, other State and Federal agencies, and the State DOH Lab played a key role in determining that all cases were false alarms. The increasing concern for acts of terrorism will require more involvement by the State SOSCs in the future. Training with HAZMAT and Community Support Team (CST) along with DOH Lab and University of Hawaii Lab participation will strengthen our capability to deal with acts of Terrorism.

2.3.1.5. Kekaha Sugar Mill

On April 3, 2001, a cleanup crew contracted by the DOH, working on a portion of the Kekaha Sugar Mill site property observed oil leakage and notified the HEER Office. Used oil was observed leaking from pipes on the Kekaha Sugar Mill property in a cleanup pit known

to be located directly over groundwater. The HEER Office received a release notification letter from the Kekaha Sugar Mill on May 11, 2001. At that time, the Brewer Environmental Services was contracted by representatives for the Kekaha Sugar Mill and the Amfac Land Company to investigate the contaminated property.

The property transferred from Kekaha Sugar Mill to Amfac Land Company on May 8, 2001. The owner of the property is required to contact the HEER Office for oversight of the cleanup plans of an existing aboveground storage tank (AST). Brewer Environmental Services will contact the HEER Office with cleanup plans for an existing AST. The aforementioned AST and the surrounding area are part of a larger Amfac cleanup plan.

2.3.1.6. Illegal Dumping on All Islands

The HEER Office continually receives reports of drums abandoned on the sides of the road and in remote places. The contents are leaking and may contain waste petroleum, used cooking oil and grease trap waste, or hazardous wastes. Illegal dumping and improper disposal continue to be problems in the community. The Environmental Crimes Task Force is working to coordinate law enforcement and response efforts to help address the problem.

2.3.2. Summary for Oiled Wildlife Response

The purpose of having an Oiled Wildlife Response Program is to provide rehabilitation for wildlife harmed by an oil release. The HEER Office continued to support preparedness efforts for the protection of wildlife in the event of an oil spill. The Department of Land and Natural Resources (DLNR) was authorized \$75,000 funding from the Environmental Response Revolving Fund (ERRF) for a veterinarian to manage a wildlife response and to conduct necessary rehabilitation projects. Each year, additional equipment is obtained for a portable response facility. Training is conducted annually for personnel in wildlife capture, cleaning, and recovery.

2.3.3. Hazard Evaluation Section

In FY 2002, the Hazard Evaluation Section staff responded to various inquiries concerning potential health hazards. These inquiries included questions regarding heavy metals (i.e. mercury, lead, arsenic), pesticides, indoor/outdoor air quality, and other illnesses potentially related to the environment. HEER continues to provide information to private citizens, businesses, schools, other State and local agencies, as well as directly to the Director of Health and the Deputy Director for Environmental Health.

2.3.3.1. Poison Control Center Backup

Hazard Evaluation acts as a backup to the Poison Control Center. The Hazard Evaluation staff met with Dr. Alvin Bronstein and Kathleen Wruk from the Denver Poison Control Center to discuss poison control issues in Hawaii.

2.3.3.2. VOG Health Assessment Study, An Assessment of the Health Effects from Exposure to Volcanic Emissions

The VOG study involves an evaluation of health risk issues that may be attributable to volcanic pollution (VOG) exposure on the island of Hawaii. This study is an effort to help individuals with respiratory sensitivity.

The HEER Office continues to oversee and coordinate the Center for Disease Control (CDC) research grant on the VOG study. A subcontractor at the University of Hawaii (Hilo) is conducting this study. During the CDC Year-04 grant award (September 30, 2001 through September 29, 2002), the subcontractor investigated the possible associations between the gaseous and aerosol emissions of the Kilauea volcano and respiratory function in populations in close proximity to the summit of the Kilauea volcano. Adults and children that work/live near the summit of the Kilauea volcano were recruited for this ongoing study. This study extends the work of the Hilo Asthma Pilot Study in which the subcontractor looked at asthmatic children.

In April 2002, a non-competing continuation grant application was submitted to the CDC for the VOG project in the amount of \$120,000 for the CDC Year-05 grant award (September 30, 2002 through September 29, 2003).

2.3.3.3. The VOG Advisory Committee

HEER continues to be an active member of the VOG Advisory Committee. The discussion of ongoing technical projects and potential new research areas such as the chronic VOG study are key areas of interest of the VOG advisory committee.

2.3.3.4. Fish Mercury Study

Fish is nutritious and can play an important part of a healthy diet. Some fish contain harmful levels of a form of mercury called methylmercury. Women who regularly consume these fish can injure the developing nervous system of their unborn child or their child who is nursing. Young children especially under the age of five who eat these fish can have adverse effects as well. This is because the developing nervous system of the baby and young child is more sensitive to the harmful effects of methylmercury than the more fully developed nervous system of an older child or adult.

On January 12, 2001, the U.S. EPA and the Food and Drug Administration (FDA) sent out a national advisory on not eating certain fish due to high methylmercury concentrations. Both the EPA and the FDA advised pregnant women and women of childbearing age who may become pregnant not to eat shark, swordfish, king mackerel, and tilefish. The federal advisories also recommended that nursing mothers and young children not eat these fish as well.

In an effort to study the mercury levels found in locally caught fish, HEER began to collect fish samples from fish caught off the coast of Honolulu. A health risk assessment for pregnant women and very young children (less than 5 years old) will be conducted as new data is gathered. Input will be given for a health advisory as indicated. The fish advisory is not intended to discourage pregnant women and young children from eating fish, but will provide a guide to eating fish that are low in contaminants such as methylmercury. This study will add to the data gathered from the 1991 fish mercury study performed by the DOH

Food and Drug Branch.

2.3.3.5. Coordinating Mercury Fish Study With The Fishing Industry

HEER coordinated a meeting with individuals from the Hawaii Department of Health and key individuals from the fishing industry to discuss the mercury fish study.

In addition, the HEER staff attended a presentation given by Dr. Heraline Hicks entitled, "Human Health Studies in the Great Lakes- Investigating Potential Adverse Health Effects from Exposure to PCBs." Dr. Hicks is the Great Lakes Program Director for the Agency for Toxic Substances and Disease Registry. A representative for the United Fishing Agency and PACMAR Inc. was also present to discuss issues relating to mercury levels in fish and its potential health effects.

2.3.3.6 Review of Risk Assessments

HEER toxicologists reviewed risk assessments and remedial investigations conducted by private parties, and state and federal agencies. These include Costco's Iwilei Store, 825 Kapiolani Boulevard, Gasco in Iwilei, and the Safeway release of PCBs at Kaneohe Bay.

Draft environmental assessments for several projects were also reviewed. The more noteworthy projects included a proposed Kauai Judiciary Complex in Lihue, Waiehu Kou Phase 3 Native Hawaiian Housing on Oahu, and Elderly Rental Housing projects at three sites in Honolulu. Also, to assist the Planning Branch of the Hawaii Department of Accounting and General Services, draft environmental assessments were reviewed for the construction of the new Mililani Mauka II Elementary School on Oahu, an expansion of Ha'aheo Elementary School on the island of Hawaii, and the construction of a future National Guard Armory and meeting center at Pu'unene Airport on the island of Maui.

2.3.3.7. Additional Areas for Toxicological Review

All Islands – Wolmanized lumber which was treated with chromium copper arsenate (CCA) is ubiquitous in the islands, having been used to construct government and school buildings, houses, and playground equipment (for example, Barbers Point Playground). In this fiscal year, the U.S. Environmental Protection Agency's Pesticides Branch negotiated a final agreement with pesticide manufacturers to stop making wood-treating chemicals such as CCA because they contain arsenic, a proven human cancer agent. The EPA's effort was prompted by growing evidence and public clamor about the possible risk to children's health from direct contact with public playground equipment made of arsenic-treated wood or with arsenic-contaminated soil beneath the equipment, due to the leaching of arsenic out of CCA-treated wood by rainwater. Several legislators, and several concerned citizens inquired to HEER about the potential public-health threat. The Departments of Education and Accounting and General Services are also trying to determine which public buildings might have this problem.

Kapiolani Park, Honolulu – Honolulu County's Parks and Recreation Department mistakenly sprayed an arsenic-containing weed killer (MSMA, monosodium methanearsonate) in a limited area of Kapiolani Park. In response to a joint legislative resolution in 1995 concerning roadside weed control by pesticides, HEER and the Deputy Director for Environmental Health

obtained an agreement from the state and county transportation departments to use only Round-Up (glyphosate), the least toxic weed-killer, however, apparently other county departments had not been informed of that agreement. At Kapiolani Park, the Parks and Recreation Department was advised to keep people off the sprayed area, to cover the contaminated area with a thick layer of uncontaminated soil, to plant grass on that clean soil layer, and to use only Round-Up in the future.

Island of Lanai – A woman cancer patient who had grown up on Lanai had come to the conclusion that there was an unusual cluster of cancers of the genitourinary tract among women on Lanai, which was prompted by impressions and recollections of nurses at Lanai General Hospital, as well as reports of drinking-water contamination by agricultural pesticides on other islands. HEER applied epidemiological principles to data on cancers of the uterus, ovary, cervix, and kidney among women on the island of Lanai and throughout the State, which was helpfully provided by Dr. Michael Green of the Hawaii Tumor Registry. It was found that the percentage, or the rate of each cancer among Lanai's women was almost identical or slightly less than the percentage of each cancer among Oahu's women, who are the majority of the State's women. Therefore, there is no unusual cluster of female genitourinary cancers on Lanai.

Puna Geothermal Venture, Island of Hawaii – HEER revised the Acute Exposure Guideline Level for hydrogen sulfide gas, in order to aid the County of Hawaii's Office of Civil Defense in its actions to protect Puna residents in the event of a catastrophic leakage of hydrogen sulfide from Puna Geothermal Venture's electricity-generating wells.

All Islands – Various magazine and USA Today newspaper articles on "toxic mold" alarmed the public and led to the highly visible closing of a tower at a large Waikiki hotel. HEER fielded dozens of calls and letters from homeowners and renters who were concerned about possible asthma, memory loss, and dizziness from growths of fungus and mildew. The DOH's Indoor Air office also received dozens more. The most toxic fungus, *Stachybotrys*, caused several deaths in the Midwest but has never been found here.

Islands of Hawaii and Maui – an infestation of noisy and possibly ecologically damaging Puerto Rican coqui frogs presented a continuing problem from last year. HEER assisted the Department of Agriculture's (DOA) Pesticides Branch with a special application to the U.S. Environmental Protection Agency for permission to use a strong solution of caffeine in water to kill frogs, and a Big Island environmental group strongly lobbied against the use of caffeine, it was found that common nitrate fertilizer would kill frogs just as well.

All Islands – In addition to the caffeine case, HEER assisted the DOA's Pesticides Branch by reviewing physician's medical records of people who were possibly exposed to pesticides. Other interesting pesticide cases included one person who had chemically-induced lung inflammation from accidentally inhaling a spray of the dengue fever-carrying mosquito repellent, DEET; toxaphene and lindane residues in the soil of the old Fort Armstrong, where the new University of Hawaii Medical School will be built; a Honolulu Harbor customs inspector who walked into a shipping container full of rat-killing phosphine gas, which had no warning signs posted on it, and thankfully made it back out safely with only a temporarily rapid heartbeat; and a Honolulu florist who attributed her illnesses to arsenic residues on inexpensive roses grown in Ecuador and sold in her store. HEER had Ecuador and California roses analyzed, and though arsenic is banned from being used on roses in the U.S., the Ecuadorian roses turned out to have less arsenic on them than the California-grown roses.

Kamuela (Waimea), Island of Hawaii -- An old landfill was no longer being used but was

smoldering underground. The residents of a new, adjacent housing development northeast of the landfill complained about the smoke and odors during Kona-wind months. HEER planned to sample the air, but the fires were extinguished before that could be done. It is noteworthy that the Department of Hawaiian Home Lands is planning to develop a site adjacent to the southwest side of the landfill, downwind by the trade winds.

Kapaa, Island of Kauai – The Kapaa Neighborhood Board was concerned about the installation of cellular-telephone broadcasting antennae on the high stack of one of the Mahelona Hospital buildings. The building is over one hundred yards from an elementary school. Though the toxicologist testified that health effects were not possible, the Board vetoed the installation of the antennae.

2.3.3.8. Ecological Risk Assessment

In April, 2002, Dr. Clarence Callahan, an ecological risk assessor joined the Hazard Evaluation section. Dr. Callahan has over 30 years of experience with the Federal government.

Technical Support to Project Managers. Ecological risk assessment (ERA) documents were reviewed for technical adequacy to meet DOH requirements for the use of appropriate techniques and procedures, the most current standards for determining the level of impacts to the natural resources and completion of the overall risk assessment effort i.e., were sufficient data/information presented to support the decisions that are presented.

Site reports/information submitted to DOH and reviewed for adequacy of ERA information include: Pearl Harbor- Sediment Study; Hickam AFB- Manuwai Canal; Kaala AF Facility; Bellows AFB; and Safeway PCB sediment issues.

Site visits that were completed in order to fully evaluate the adequacy of the ERA documents or preliminary evaluations for site investigations include: Pearl Harbor; Hickam AFB Manuwai Canal; Kaala AF Facility; Bellows AFB-Waimanalo Stream, shoreline and upland areas; Safeway- PCB spill site in a small drainage outlet of Kaneohe Bay; and the Waiialua Sugar Mill Site.

Other Activities by the Ecological Risk Assessor:

- Technical Information Network. A discussion group was organized for the exchange of technical information bringing together personnel from DOH, DLNR, University of Hawaii, Navy, Marines, Army and their private support contractors in order to capitalize on the breadth of knowledge in a broad group of professionals and to introduce various staff members from different agencies who work on similar issues.
- Conference presentations/publications. Chaired a session and was a co-presenter with Dr. Barbara Brooks of a paper on the analysis of PCB congeners and Aroclors. Worked to standardize the ERA procedures for DOH by the identification of procedures, protocols and standards for completing ecological risk assessments to improve consistency, clarity, and transparency in the ERA process.

Interagency Cooperation. Completed a review of three proposals submitted for funding at the request of the University of Hawaii Coral Reef Initiative Research Program. Completed a

review of a proposal for funding at the request of the NOAA Office of Special Projects of a proposal for Bioremediation on Palmyra Atoll of contaminated military sites.

2.3.3.9. Air Quality at Campbell Industrial Park

HEER evaluated the DOH Clean Air Branch's (CAB) Annual Summary of Air Quality Data for the Campbell Industrial Park (CIP) Area, 2001. The CAB used the evaluation in their annual air quality report for the CIP area.

2.4. Site Summaries from the Voluntary Response and Brownfields Programs

2.4.1. Voluntary Response Program (VRP)

The number of VRP sites was increased from nine to eleven projects, with more applications expected as the economic outlook improves within the State. Following is a brief summary of the VRP projects:

1. Home Depot, Iwilei, Oahu - 8.9-acre site of the former Dole Pineapple Cannery: A conditional Letter of Completion was issued in 1999 that requires ongoing gas and groundwater monitoring and reporting with additional actions required if needed, to protect employees and the public.
2. 1230 Kapiolani Boulevard, Oahu – 6.2-acre site owned by Evershine X, a limited partnership, on the corner of Kapiolani Boulevard and Piikoi Street. Project on hold until owner decides how they want to proceed on contaminants and media to be included in the final Letter of Completion.
3. A&B Properties, Inc., a 40-acre industrial subdivision, next to former Oahu Sugar Mill, Waipahu, Oahu: A&B Properties preparing a Remedial Alternatives Analysis report for the remediation of free product and hydrocarbon contamination in the soil and groundwater.
4. 819 Moowaa Street, Kapalama, Oahu - 1.5 acres owned by Ross Trusts: Letter of Completion being prepared.
5. 825 Kapiolani Boulevard, Oahu - 0.9-acre site owned by LSDM Properties, LLC next to Flamingo Restaurant: Final Remedial Investigation submitted and Public Participation Plan being developed.
6. 283 Waiehu Beach Road, Wailuku, Maui -11,250 square foot site owned by Eugene Yee, formerly used by Maui Terminex International as a pest control operation base yard and office: Consultant to implement removal action.
7. Damon Estate's 120 Sand Island Access Road, Oahu - (project proceeding under ownership of "Pahounui LLC") 3-acre site formerly used by Flynn-Learner as a recycling and scrap metal facility: Remedial Investigation and Remedial Alternatives Analysis reports under review.
8. Castle and Cooke Homes Managers Drive Project, Waipahu, Oahu - 38-acre residential development on a site next to the Waipahu Sugar Mill formerly used for sugar cane cultivation and plantation residences: Cleanup is complete, Letter of Completion being prepared.
9. Costco's Iwilei Store, Iwilei, Oahu -a 12-acre parcel next to the Home Depot project, Hawaii's first VRP project and site of the former Dole Pineapple Cannery: Draft Response Action Memorandum being prepared. Next step is public participation phase.

10. Bank of Hawaii Former Aiea Sugar Mill, Aiea, Oahu – a 15.6-acre site that was formerly the Aiea Sugar Mill site is being remediated in three stages: Remedial Action Report is being prepared for the first stage.
11. Bank of Hawaii, Komohana Park, Kapolei, Oahu - Campbell Industrial Park: Remedial Investigation and Removal Action Report currently under review.

2.4.2. Brownfields Program

EPA has funded Hawaii's program development for the Brownfields environmental site assessment projects and program initiative planning since 1996. During FY 2002 the following targeted site assessments were initiated or completed:

1. Kakaako Unit 8

The United Fishing Agency and other fish brokers located on Ahiu Street in the Kakaako Unit 8 area, Honolulu, Oahu are part of the Fisherman's Wharf redevelopment project by the Hawaii Community Development Authority. In FY 2001 a Phase II site investigation, involving field sampling, was conducted as part of the Brownfields redevelopment project. The final targeted site assessment report was completed in May 2002.

2. Kahuku 2000 project at former Kahuku Sugar Mill Site

The former Kahuku Sugar Mill received an environmental assessment under the Brownfields Program during FY 2001. The completed Phase I investigation and Sampling and Analysis Plan (SAP) were used by the property owner, Campbell Estate, to conduct the field sampling.

2.5. Significant Site Summaries from the Department of Defense State Memorandum of Agreement (DSMOA)

The Department of Defense continued to provide grant monies in support of the HEER Office DSMOA program in FY 2002. Geologic information and technical support were utilized by project managers for federal facilities with ongoing remediation projects, under the oversight of the DSMOA Federal Cooperative Agreement Program.

Program staff vacancies have impacted the progress of the Department of Defense sites.

2.5.1. Army Installations

Kahuku Training Area

A Preliminary Assessment/Site Investigation (PA/SI) final report was completed for the former transformer sites associated with the former Nike Launch sites at the Kahuku Training Area in February 1996. Polychlorinated biphenyls were detected above the EPA Region IX Preliminary Remedial Goals. Further investigation of the site was performed during FY 1998. However, the nature and extent of contamination have not been confirmed. Additional remediation is planned.

Kipapa Ammo Storage Tunnels

A Preliminary Assessment/Site Inspection (PA/SI) report was completed for the Kipapa Ammunition Storage tunnel in February 1996. Onsite releases of hazardous substances were not observed during this preliminary assessment (PA) nor were records of such releases found in the documents reviewed. Tunnel interiors were not included, as part of this investigation and, therefore, site characterization has not been completed. In addition, a monitoring well at the Air Force's Kipapa Fuel Storage Annex adjacent to the Kipapa Ammo Storage Tunnel had trichloroethylene (TCE), a solvent, detected in the basal groundwater. The source of the TCE and the extent of contamination by TCE are not known at this time. The HEER Office has met with both the Air Force and the Army to encourage their cooperation in the investigation of TCE in the basal groundwater. The Army is evaluating the HEER Office's request.

Pohakuloa Training Area

A site inspection report was reviewed for a vehicle refueling area and the Department of Health concurred with the Army that future remedial activity does not appear to be necessary for this site. The site inspection reports were reviewed for a pesticide storage area, two landfills and a former fire training area and recommended additional characterization of the fire training area for polychlorinated biphenyls (PCBs) and dioxin, testing at Landfill 1 and Landfill 2 for soil gas and methane, and characterization of the soil cover at Landfill 1.

Schofield Barracks

Trichloroethylene (TCE) has been detected in the drinking water wells at Schofield Barracks. The Army has been aerating the water to volatilize the solvent out of the water to protect public health. Additionally, the Army has been investigating the vicinity in order to find the source of the contamination and to eliminate a future threat. The source of the contamination has never been found. The Army is proposing as a final remedy, treatment of the contaminated groundwater. Regular monitoring of the wells in the area will continue. A Record of Decision (ROD) was signed for the remaining sites. Work has been completed in

repairing the cracks on the landfill cap. The Army resubmitted a request to the EPA to have the site de-listed from the National Priorities List (NPL), and the site was removed from the NPL on August 10, 2000. Regular monitoring of the groundwater in the area has shown the level of TCE contamination is fairly constant. Newly discovered cracks in the landfill cap have been repaired by the Army. A five-year review has been completed by the Army, which has found that the TCE contamination in the groundwater has not migrated very much and the aeration treatment of the drinking water is working well in removing the TCE.

Field Station Kunia

Field Station Kunia is an underground communication facility. The station is located one mile south of Schofield Barracks along Kunia Road. The facility is situated in pineapple fields. The site is secured by fence and camera surveillance. In 1994, a 305,000-gallon concrete underground storage tank was removed. During removal, it was discovered that there was an uncontrolled release of diesel. Some of the contaminated soil was removed.

Initial investigations failed to properly delineate the full extent of the contamination. In March 2000, the Army conducted further subsurface investigation by drilling fifteen borings. The investigation was to delineate the vertical and horizontal range of the fuel hydrocarbon plume. Borings were drilled to approximately 200 feet below grade. The Remedial Investigation report showed that there was significant diesel oil contamination in subsurface soils. DOH reviewed the report and recommended to the Army that a cap be installed over the area with the diesel oil contaminated subsurface soil. The Army has agreed to install a cap over the diesel contaminated soil area and is in the process of designing the cap.

Tripler Army Medical Center Landfill

The Tripler Army Medical Center (TAMC) Landfill is located on the west side of the TAMC installation. The landfill was active from 1947 through 1974. Early landfill use was restricted to construction debris from the construction of TAMC. Later, the landfill was used to dispose of incinerated medical waste, laboratory wastes, maintenance waste, food waste, and construction and landscaping debris. Unspecified waste from Fort Shafter was also disposed in the landfill. The Army conducted a Preliminary Field Screening Investigation to determine the presence or absence of hazardous substance contamination from the landfill operation. The investigation found polynuclear aromatic hydrocarbons, pesticides, lead and dioxin chemicals in the surface and subsurface soils in the interior of the landfill. Monitoring wells were installed down to the basal groundwater aquifer and analysis results of the water found no chemical contamination. The Army conducted a remedial investigation (RI) with soil and groundwater sampling. The remedial investigation confirmed the levels of dioxin, PCB and pesticides in the surface soil, subsurface soil and sediment. To address any human health risk posed by the contaminants, the Army recently installed a cap over the landfill and a concrete drainage channel to handle the rainwater runoff from the landfill.

2.5.2. Navy Installations

Defense Reutilization and Marketing Office, Manana

The Defense Reutilization and Marketing Office (DRMO), Manana storage area is a 51-acre parcel of land in Pearl City, which is off Waimano Home Road. The DRMO storage area was used for the collection and temporary storage of hazardous waste generated by the Department of Defense, Pacific Rim military facilities. It was also used to store excess equipment and supplies that were turned in for disposal. The site investigation found arsenic contamination in the subsurface soil down to four feet. In May 1996, the Navy completed a cleanup action with the removal of the arsenic contaminated soil. The DRMO Manana storage area parcel was transferred to the City and County of Honolulu in June 1996. In FY

1997, the Navy completed plans to install groundwater monitoring wells at the site. The wells have been installed and groundwater samples have been collected.

Ewa Junction Fuel Drumming Facility

This Navy facility was constructed in 1943 as a fuel drumming and transportation terminal. Today the facility is inactive. According to a 1972 Navy report, approximately 315,000 gallons of motor gas (MOGAS) from an underground storage tank was released onto the ground in March 1971. MOGAS was found in soil and groundwater samples obtained from beneath the site. A Phase II Remedial Investigation and sampling was performed in FY 2000. To determine if any MOGAS contamination traveled off site the subsurface soil and groundwater were sampled off site in an uncontaminated area located to the south. A draft Phase II Remedial Investigation Report was completed by the Navy, which showed the MOGAS contamination in the groundwater, has not migrated off the site. The Navy has completed an evaluation of the site and concluded that no further action (NFA) is needed at the site.

Naval Computer and Telecommunications Area Master Station

The Naval Computer and Telecommunications Area Master Station (NCTAMS), facility was placed on the National Priorities List (NPL) in May 1994. NCTAMS is composed of two sites, a Naval Radio Transmitting Facility (NRTF) at Lualualei, the main station, and a receiver site in Wahiawa. NCTAMS Wahiawa is located on the eastern side of the highest part of the Schofield Plateau and about one mile east of Whitmore Village. The Lualualei Naval Radio Transmitting Facility is located in Lualualei Valley and is contiguous with Naval Magazine Lualualei. Earlier site investigations detected PCB contamination in the soil around electrical transformers. The investigation found out that maintenance technicians checking the transformer oil, which contained polychlorinated biphenyls (PCBs), were discarding the oil samples directly onto the ground around the transformers. In 1991, the Navy conducted a removal action by excavating the PCB contaminated soil around several of the transformers and sending it to the mainland for proper disposal. This site investigation identified 15 sites that require further investigation at NRTF Lualualei and NCTAMS Wahiawa. The Navy has completed the remedial investigation at the Old Wahiawa Landfill and the Building 6 Disposal Area. The Navy has also completed the removal action at the transformer sites at both NCTAMS facilities by excavating PCB contaminated soil and storing it for treatment. The Navy has selected a vendor to accomplish the thermal desorption treatment of the PCB contaminated soil. Treatability tests of the thermal desorption treatment system have been completed. The Navy is in the process of selecting a contractor to perform the thermal desorption treatment of the PCB contaminated soil.

Naval Station Pearl Harbor - Aiea Laundry

The Aiea Laundry is a laundry facility owned and operated by the Navy, which has done dry cleaning since the early 1950's. The facility is located on the corner of Moanalua Road and Kaimakani Street in Aiea. St. Elizabeth Church and School are on the west side of the laundry with Aiea Elementary School to the east. Site investigations have found releases of dry-cleaning solvent (perchloroethylene) and Stoddard solvent from several underground storage tanks and from a drainage swale outside the facility. Solvent and solvent vapors remain in the soil beneath the site. The contaminants include perchloroethylene, tichloroethylene and vinyl chloride, which is a known carcinogen. A soil vapor extraction system which was operating onsite and removing contaminant vapors, especially vinyl chloride, from the soil has been turned off to pulse the system as the level of contaminant removal has declined significantly. Groundwater sampling, from recently installed monitoring wells, have found diesel fuel in one well and perchloroethylene in three wells on the south side of the site. Diesel fuel is being removed.

The Navy installed nine off site groundwater monitoring wells and sampling results showed the perchloroethylene contamination in the groundwater has migrated offsite to Pearl Harbor. This is one of a few sites slated for transfer to the Department of Hawaiian Home Lands (DHHL) from the federal government. The HEER Office is working with the DHHL to ensure that all remedial activities are completed to the satisfaction of the State before acceptance. The Navy has completed the medial investigation/feasibility study report.

Pearl City Fuel Annex

The Pearl City Fuel Annex is located on the Pearl City Peninsula and is operated by the Navy's Fleet Industrial Supply Center. The facility consists of five above ground storage tanks for the storage and pumping of bulk aviation fuels. Records indicate that tank and pipeline leaks have occurred in the past with a 10,000-gallon JP-4 (a jet petroleum fuel), release recorded in December 1980. Soil and groundwater sampling have uncovered arsenic, lead and petroleum hydrocarbon contamination in the soils and petroleum hydrocarbon contamination in the groundwater on the site. The Navy completed the Removal Site Evaluation Report and will determine if a response action needs to be conducted.

Pearl City Peninsula Landfill

The landfill is located on the north shore of Middle Loch and operated from 1965 until 1976. The site is currently capped with a two-foot thick layer of crushed basalt. An Investigation indicated the presence of dioxin, polychlorinated biphenyls (PCBs), semi-volatile organic compounds (SVOCs), trichloroethylene (TCE), and fuel products. The Navy completed a removal action, which involved repairing large cracks in the landfill cap, covering some black sand that was on the surface of the landfill and capping some asbestos material that was recently discovered on the border of the landfill. The Navy is presently accomplishing an ecological risk assessment on the Waiawa Unit National Wildlife Refuge, which is adjacent to the landfill. The Navy is also accomplishing long-term monitoring of the groundwater under the landfill.

Pearl Harbor Naval Shipyard -Battery Shop Bldg. 394

The Battery Shop is an open-air facility used to clean, disassemble and restore lead-sulfuric acid batteries before 1990. An estimated 60,000 gallons of battery acid fluid was discharged into an unlined disposal pit on the site. Lead residues from battery disassembly operations were also disposed in the pit. Site investigations have found high lead contamination in the former pit area and in the surface soil around the battery disassembly area.

Lead contamination in the soil was as high as 214,000 parts per million (mg/kg). The Navy conducted further site investigations to determine the extent and concentration of the lead contamination on the site. The Navy is now proposing to conduct removal action by using an in-situ electrokinetic process, which is supposed to remove the lead from the contaminated soil. Bench testing was completed on the lead contaminated soil for the electrokinetic process. The electro kinetic treatment system was tested at the site and failed to work properly. The Navy also tested an ex situ electro kinetic treatment process which was not successful in removing enough lead from the soil.

Pearl Harbor Naval Shipyard - Building 8

Building 8 is located in the Naval Shipyard Industrial Area on the East Loch of Pearl Harbor. It served as a power plant, an equipment test facility and a pipefitting shop. Site investigations revealed that subsurface oil is accumulating within Building 8 sumps and other subsurface structures adjacent to the building. During heavy rainfall events, oil sheens in Pearl Harbor around Dry Dock No. 1, are suspected to be caused by oil migrating along the conduits of the Building 8 storm drain system and into Pearl Harbor. An oil plume up to

several feet thick has been identified in the ground around Building 8. The Navy has installed an active extraction system to contain and extract the oil from the plume under the site. The system is continuing to work well with 21,361 gallons of oil recovered since July 1997.

Pearl Harbor Naval Shipyard Building 68

Building 68 is an electrical repair shop located in the northeast section of the naval shipyard. From approximately 1950 through 1979, the shop serviced electrical transformers containing PCB dielectric fluid. During this period, PCB dielectric fluid was reportedly disposed into catch basins located adjacent to Building 68. Approximately 50 to 55 gallons of PCB transformer fluid were discharged to these catch basins per year. These catch basins drain into Pearl Harbor. A sampling of sediments in the catch basins found polychlorinated biphenyl (PCB) contamination ranging from 21 mg/kg to 1,130 mg/kg. The Navy conducted a time critical removal action in the catch basin where PCB contaminated sediments were removed and a coating was applied to the interior surface of the catch basin. The Navy is regularly sampling the catch basin sediments to determine if more PCB contamination is entering the catch basin.

Pearl Harbor Naval Shipyard Oscar 2 Pier

The Oscar 2 Pier is located on the western corner of the naval shipyard. The site is adjacent to Building No. 177, a power plant that is no longer in service. Black oil was noted on the northwest shore off the Oscar 2 Pier. The oil appears to be old residual fuel oil with a tar like viscosity much like the Navy Special Fuel Oil. Two permanent oil extraction wells, installed in the past to collect oil in the ground and prevent it from going into Pearl Harbor, are located near the site. To stop the release of oil presently going into Pearl Harbor, the Navy has decided to install a passive trench recovery system about 150 feet long along the shoreline at the site. The passive trench recovery system is working well with a total of 13,099 gallons of oil recovered since February 1998.

Pearl Harbor Naval Station Ford Island Landfill

The Ford Island Landfill is located on the southwestern end of Ford Island. This site was used for burning and disposal of solid waste from the 1930's through the 1980's. The solid waste came from the Naval Air Station on Ford Island and consists of part solid waste and part metal scraps. A site investigation revealed contaminant concentrations in the groundwater under the landfill below levels that would pose a threat to Pearl Harbor; however, debris on the surface of the landfill would pose a potential threat to people who may use the landfill in the future for recreation. As a result, a cap was placed over the landfill and was completed in December 1996. Groundwater monitoring is being performed quarterly. There have been no significant levels of hazardous substance contamination found in the groundwater.

Pearl Harbor Sediment's Study

The Navy is conducting a study of the sediments in the Pearl Harbor basin to determine what effect the Navy's operation at Pearl Harbor has had on the harbor itself. The site encompasses the entrance channel to the estuary, West Loch, Middle Loch, East Loch and Southeast Loch. Naval operations conducted adjacent to the site have included fuel storage, handling, transfer and recycling facilities as well as operation, maintenance and support facilities and military landfills. Past waste handling and disposal methods, although acceptable at the time, may have caused unexpected long-term problems at some locations through the release of toxic and hazardous substances into the soil and groundwater at sites surrounding the estuary as well as the estuary itself. The Navy has developed a sampling and analysis plan for the remedial investigation (RI) of the harbor sediments. The sampling of the sediment and the fish in the harbor were completed in November 1996. Analytical results of sediment and fish and crab tissue have been received. An evaluation of analytical

results from fish and crab tissue samples confirmed PCB and pesticide contamination. As a result, the Department of Health issued a fish advisory against eating fish caught in Pearl Harbor.

The Navy is currently completing an ecological risk assessment to determine whether contaminate levels pose a threat to the environment.

Pearl Harbor Subsurface Fuel Investigation

The subsurface fuel investigation site encompasses three areas: Area 1 consists of abandoned underground tanks; Area 2 includes the Public Works Center gas station, the fuel reclamation facility and the diesel purification plant; and Area 3 consists of scattered underground storage tanks and fuel lines in the Halawa Service Station and Hotel Pier area. The types of fuel that are present on the site are diesel, gasoline, JP-5 (a jet petroleum fuel), kerosene, Navy Special Fuel, Oil, Bunker C and lubricating oil. Free product plumes have been found in all three areas. The Navy recently completed a Phase II sampling effort in the RI to better assess the nature and extent of soil and groundwater contamination with petroleum fuel. Based on the results of the RI, the Navy is looking toward a removal action of free product plumes to the extent possible. The EPA Superfund Innovative Technology Evaluation (SITE) program is testing three technologies to remove the free product fuel oil. The test programs using vacuum, surfactant and thermal processes to enhance oil extraction have been completed. Results of the tests are forthcoming. The Navy has installed a trench barrier and passive oil recovery systems to remove the subsurface oil from the Hotel Pier Area, Magazine Loch Area and Quarry Loch Area.

PWC Transformer Sites

Nine transformer sites are located within the Pearl Harbor area. Previous environmental investigations identified these sites as potential health and/or environmental concerns based on detection of polychlorinated biphenyls (PCBs) in the soil and/or on the concrete pads surrounding the transformers. The Navy has completed a removal action to excavate the PCB contaminated soil and store it for treatment.

Red Hill Oily Waste Disposal Pit

This site was constructed in the early 1940's and is located within the Red Hill fuel tank farm area. An unlined pit located in the central portion of the site was used for the disposal of oily residues generated during periodic fuel tank cleaning operations and oily waste generated by leaks and drips from fuel piping systems associated with the Red Hill fuel storage tanks. The unlined pit was replaced with a stilling basin made of gunite and asphaltic-concrete in 1972. The Navy conducted a remedial investigation of the site and found petroleum hydrocarbon and polynuclear aromatic hydrocarbon contamination in the subsurface soils where the old unlined pit was located and under the stilling basin. Petroleum hydrocarbon contamination was also found in the shallow groundwater system located under the stilling basin. Based on these results, the Navy conducted a removal action which involved removing the stilling basin and the petroleum contaminated soils under the stilling basin and where the old unlined pit was located. To determine whether the petroleum hydrocarbon contamination did infiltrate into the basal groundwater aquifer, the Navy has installed monitoring wells into the basal aquifer and sampled the basal groundwater. Analytical results have shown no contamination in the basal aquifer. However, soil samples taken on various areas of the site show some high levels of petroleum contamination. The Navy has completed the field work to further characterize the extent of petroleum contamination in the subsurface soils.

Naval Air Station (NAS) Barbers Point

In 1993, the Base Closure and Realignment Commission placed NAS Barbers Point on the Base Realignment and Closure (BRAC) list. The base closed on July 2, 2000. The airport has been transferred to the State Department of Transportation. Other parcels are in the

process of either being transferred or remediated first and then transferred. The Navy, the EPA, and the State of Hawaii make up the Barbers Point BRAC Cleanup Team. The Navy formed BRAC to make decisions on closure-related environmental issues. The Governor signed the Community Redevelopment Plan providing an overall reuse strategy for the conversion of the base to civilian use after its closure in 2000.

A Restoration Advisory Board (RAB) was established in 1994 to support community involvement in the environmental decision-making process. Cleanup of the Navy is being correlated with the strategy to make the sites usable in an expedited time. The Navy has completed a removal action by excavating lead and antimony contaminated soil from the former firing ranges. The Navy has also completed removal actions at the old Engine Test Cell Area, the Coral Sea Road Coral Pit, the Former Sewage Treatment Plant, the Southern Trap and Skeet Range, and the Hazardous Waste Accumulation Area #6. Plans are being developed to accomplish a cleanup of the Northern Trap and Skeet Range.

2.5.3. Marine Corps Installation

Kaneohe Marine Corps Base, Five Areas of Concern

Five areas of concern have been identified on the base and these include a fuel farm sludge disposal area; two landfills; a fire fighting training area; and one old maintenance area. A variety of hazardous substances are present in the five areas of concern. Geographically, the Kaneohe Marine Corps Base is ecologically sensitive because it is surrounded on all sides by water (Kaneohe Bay is to the west, the Pacific Ocean to the north, Kailua Bay to the east, and Nuupia Ponds to the south). Nuupia Ponds is a wildlife refuge where five endangered species reside. One endangered species, the green sea turtle, also uses the Kaneohe Bay. Kaneohe Bay is a popular recreation area for boating, snorkeling, scuba diving, and other water sports.

Quarterly monitoring of groundwater wells are being conducted at the Fire Fighting Training Area. Bio-slurping in the area of the Fuel Farm Sludge Disposal Area began in FY 1997. An Expanded Site Inspection (ESI) was submitted to EPA for review. EPA determined that conditions currently do not warrant placing the site on the National Priorities List (NPL). However, activation and expansion of the existing bio-slurping system was performed in 1998. Funding was made possible as part of the BRAC Barbers Point construction associated with the Navy's move to Kaneohe Marine Corps Base. The Navy is currently not performing any environmental installation restoration work on the Base.

2.5.4. Air Force Installations

Bellows Air Force Station (AFS) Installation Restoration Program

The Installation Restoration Program (IRP) at Bellows AFS includes 20 Installation Restoration Program (IRP) sites and 17 Areas of Concern (AOCs). Site investigation, sampling and remediation at Bellows AFS are ongoing.

- **The Bellows Excess Land** - Several acres of land at Bellows were declared excess and will be deeded to the State of Hawaii and the Navy. Over 1000 acres of land are proposed for transfer to the United States Navy for the Marine Corps in 2003. Seventy-five acres of land were transferred to the Government. These areas were prioritized for site investigation and remediation.

- Underground Storage Tank sites on Excess Land at Bellows - Investigation and closure of the underground storage tank sites at the Bellows Excess land was completed. All of the UST IRP sites received a no further action determination and were closed, except for the UST sites in Sherwood Forest recreation area. This area is considered outside the Bellows Forest recreation area.
- Underground Storage Tank sites - Investigation and closure of the underground storage tank sites at the Bellows Excess land was completed. All of the UST IRP sites were closed with no further action except for the UST sites in the Sherwood Forest recreation area. This area is considered outside the Bellows property boundary and the site will be handed over to the formerly used defense sites (FUDS). The decision documents for the UST IRP sites were signed by the Air Force and DOH. These UST sites include the Inoaole Stream USTs, Waimanalo Stream USTs, Fighter Housing USTs, Sub-depot USTs, and the Coastal Area recreational USTs.
- Landfills/Dump Sites - The base landfill (LF01) is undergoing further investigation by the Air Force to evaluate the application of more stringent clean-up levels proposed by an environmental watch group. Contaminants of concern (COCs) in the landfill include high levels of lead and low levels of pesticides and PCBs in surface soil. Dioxin and furans were also potential COCs because there were evidences of in-situ burning of landfill materials. The investigation for dioxins/furans revealed levels in the surface soil at the landfill were below screening criteria. The EE/CA completed for the site addressed metals and physical hazards in surface soil. The recommended alternative is soil/vegetative cover with long-term monitoring of groundwater. One environmental group opposed the decision, raising their concerns to the community and other stakeholders. The action memorandum was not signed by the Air Force, holding off all decisions for this site. Several meetings and discussions throughout the past year involved the active participation of the Restoration Advisory Board and an environmental watch group in an attempt to educate the community and clarify the decisions made for this landfill. Ecological risk assessment (ERA) documents were reviewed in support of the Project Manager to insure technical adequacy to meet the Department of Health (DOH) requirements for the use of appropriate techniques and procedures. This review insured that the most current standards for determining the level of impacts to the natural resources and completion of the overall risk assessment effort to support the decisions were proposed. Site reports/information submitted to DOH were reviewed for adequacy of ERA information and followed up with site visits to fully evaluate the adequacy of the ERA documents or preliminary evaluations.
- Areas of Concern - Two AOCs, former drum sites, were closed with NFRAP after site investigation revealed no chemicals of potential concern (COPCs).
- Former Septic Tank System - A work plan and sampling analysis plan was submitted by the Marine Corps to investigate a World War II shop area septic tank system in the northern part of Bellows AFS. The investigation will include locating two septic tanks and soil and groundwater sampling.

Hickam Air Force Base Installation Restoration Program (IRP)

The Hickam Air Force Base (AFB), IRP includes 42 IRP sites and 25 AOCs including Fort Kamehameha sites). Site investigation, sampling and remediation at Hickam AFB are an ongoing process. Multiple areas of concern are being investigated.

- RUNWAY 8L OUT-GRANT AREA, HICKAM AFB

The Runway 8L Engineering Evaluation/Cost Analysis (EE/CA) was a significant restoration project for Hickam AFB and required a great deal of oversight by the HEER Office. Property that included the Runway 8L and adjacent areas totaling 329.628 acres, was officially transferred from the Air Force to the State of Hawaii Department of Transportation. Hickam AFB Sites in the Runway 8L Out-Grant Area included 'in part or in whole':

1. Two Drainage Canals, the Manuwai and Kumumau Canals.

Remedial investigations were completed for each drainage canal. The RI included a baseline risk assessment for human health and/or ecological receptors including any adverse effects that may be associated with exposure to conditions in the canals. Initially there were no indications of adverse impacts. However, because dioxins and furans had been detected in the subsurface soil of an adjacent landfill, and the landfill had a runoff pathway that entered directly into the Manuwai Canal, a determination of "no further action" was not advisable.

In FY 2002, the Air Force is proceeding with further evaluation of the available sampling data and responses to comments by DOH in an effort to resolve questions about the origin of sediment contamination and possible remedial actions. The Restoration Advisory Board and community members are actively involved in the decisions involving the remedial process.

2. Two fuel spill sites: POL Area K and John Rodger Tank Farm.

An interim remedial action was performed for the POL Area K fuel spill site. Characterization of the sources and extent of the subsurface AVGAS plume beneath the former John Rodger Tank farm was finalized. An EE/CA was prepared and recommended institutional control with long-term monitoring of groundwater. A further characterization of one potential source beneath a former dispensing station will be done in conjunction with the implementation of the selected remedial alternative.

3. Four landfills within the Runway 8L outgrant area.

The four landfills include: Landfills #2, #3, #6, and the EOD (explosive ordinance disposal) soil area. Landfills "#3" and the "EOD soil area" were both given a no further response action planned (NFRAP) determination. Landfill "#2", an inactive landfill, underwent an interim remedial action. Landfill "#6" received a pre-investigation hazard ranking scoring before the determination to put the landfill through a remedial investigation feasibility study (RIFS).

4. Fuel Distribution Pipeline.

A fuel distribution pipeline, the Kuntz Pipeline, was assessed and received a NFRAP determination.

5. Leach Field.

The leach field from the "Atomic Energy Commission site" under went an interim remedial action. Results from sampling indicated that chemicals of concern were below screening criteria for the protection of aquatic resources.

6. Abandoned Drums.

An area in the Runway 8L outgrant site containing abandoned drums was given a NFRAP determination.

- Fort Kamehameha.
The cleanup requirements for the Fort Kamehameha are part of the Hickam IRP. Closure reports were submitted for seven subsites with underground storage tanks (USTs). The closure reports were reviewed by the DOH and given a no further action determination. One drum site at Fort Kamehameha was proposed for closure but the DOH determined there is insufficient data to grant closure status.
- Mamala Bay Golf Course Landfill.
An EE/CA investigation was completed for the former landfill that is now used as a recreational area, the Mamala Bay golf course. The objective of the EE/CA investigation was to address the data gaps from previous investigations to determine if a removal action was necessary or if a no further action determination could be made. The site had been proposed for closure in 1996, but the DOH did not approve of this recommendation because potential and/or suspected areas of concern (AOCs) required additional data be collected before a no further action determination could be given in support of a closure. Currently, a site inspection is underway for the three valve pits, former motor pools. A fourth AOC under the site inspection is the former industrial waste treatment and disposal facility. A NFRAP determination for the former treatment and disposal facility is currently pending the results of the additional data collection.
- Hickam POL Pipeline and Fuel Storage
A Final report with results of the interim remedial activities conducted at the Waikakalaua and Kipapa fuel storage annexes (FSAs) and Valve Pit 17 were submitted to the HEER Office. Interim remedial activities were performed to address petroleum hydrocarbon contamination in the vadose zone and shallow groundwater under the site. A full-scale bio-venting system was initiated and optimized for all three areas.

The HEER Office is performing a significant amount of oversight for the areas of concern. Interim remedial actions and quarterly groundwater monitoring are ongoing at all three AOCs: the Waikakalaua Fuel Storage Annex (WFSA), the Kipapa FSA and the Valve Pit.

In FY 2002, ecological risk assessment (ERA) documents were reviewed in support of the Project Manager to insure technical adequacy to meet DOH requirements for the use of appropriate techniques and procedures. These reviews insured that the most current standards for determining the level of impacts to the natural resources and completion of the overall risk assessment effort to support the decisions were proposed. Site reports/information submitted to DOH and reviewed for adequacy of ERA information were followed up with site visits to fully evaluate the adequacy of the ERA documents or preliminary evaluations.

1. Waikakalaua Fuel Storage Annex

The final RI report was submitted to the HEER Office after a lengthy comment and resolution period was concluded.

The DOH was concerned about the vadose zone and groundwater modeling being used to support the presumptive remedy of natural attenuation for petroleum contaminants found in the Pearl Harbor basal aquifer. Site-specific preliminary remediation goals (PRGs) were established for the site. The Safe Drinking Water branch of DOH was involved because modeling results showed there is a potential for benzene above maximum contaminant levels acceptable, migrating into the basal drinking water aquifer. DOH recommended that additional investigation be conducted and scheduled to be carried out when an engineering evaluation and cost analysis (EE/CA) is performed. A final work plan for the EE/CA was submitted to the HEER

Office to be reviewed by the Remedial Project Manager. The workplan proposes for sampling and evaluating all pertinent media to fill past data gaps and calls for a streamlined human and ecological health risk evaluation. Six rounds of groundwater monitoring have been assessed and indicate one deep well consistently detecting benzene and naphthalene. However, the detections are below maximum contaminant levels or not detected for both contaminants. Based on the groundwater data and review of past studies done at the site, the DOH perceived that the hydrocarbon plume underneath Waikakalaua FSA might not be intercepted by the off-site down gradient well. A decision to install a new basal aquifer monitoring well and where to locate it was agreed upon by the Air Force and DOH. The new monitoring well was installed and a tracer study is being conducted to test hydraulic connectivity and localized hydrogeological properties. Strong evidence of natural attenuation was observed in the basal aquifer monitoring wells. Differences observed in the concentrations of dissolved oxygen nitrate, sulfate, methane, and iron (II) in the background well and the observed plume indicate that significant aerobic and anaerobic degradation has occurred up gradient from the plume. In addition, sufficient concentrations of attenuating compounds are present in groundwater from the plume to indicate that contaminants present will not migrate off-site.

Workplans for the cleanup, closure, and/or abandonment of the tanks and pipelines were submitted to the HEER Office for review. The subsequent site characterization recommended will be part of the Hickam IRP. The HEER Office was notified when a fourth disposal well was discovered at the Waikakalaua FSA. An investigation of the fourth well is planned in the future will DOH oversight. Four 25,000-gallon MOGAS USTs in Waikele Gulch will be pulled out and cleaned. The USTs are located on a slope below the Waikakalaua FSA. A workplan was submitted and reviewed by the DOH. The USTs have now been removed.

2. Kipapa Fuel Storage Annex (FSA).

The final remedial investigation report was submitted to DOH after a lengthy comment and resolution period. The DOH has concerns about the location of the vadose zone and the results of the shallow groundwater modeling which is being used to support the presumptive remedy of natural attenuation for petroleum contaminants found in the Pearl Harbor basal aquifer. Deep subsurface preliminary remediation goals (PRGs) for benzene were established for the protection of human health. In addition, the potential for benzene volatilizing is being considered in the investigation. The leaching pathway from soil to shallow groundwater to the basal aquifer was evaluated and a potential pathway was established using a groundwater model as a possible means of exposure.

For the protection of human life the shallow groundwater PRGs for benzene, naphthalene, and n-propylbenzene were established based on a groundwater model also. Groundwater modeling was performed six times. Through six rounds of groundwater monitoring, the maximum naphthalene concentration detected in shallow groundwater slightly exceeded the PRG. To protect ecological receptors in Kipapa Stream, for the pathway of leaching from the soil to shallow groundwater followed by discharge to Kipapa Stream, PRGs were established for shallow groundwater. Concentrations in shallow groundwater were well below the established PRGS for the protection of ecological receptors in Kipapa Stream.

3. Valve Pit #17 (VP17)

The results of the groundwater modeling at Kipapa FSA were simply assumed to apply to Valve Pit 17 because of the sites' similar hydrogeology. Deep soil PRG was

established for benzene and shallow groundwater PRGs were established for several COCs. No result through six rounds of groundwater monitoring has exceeded the PRGs for other COCs other than trimethylbenzene.

Wheeler Army Airfield

The Wheeler Army Airfield (AAF) was transferred to the Army in 1993 and is currently being operated by them. The Air Force retains IRP management under an agreement between the Army and the Air Force established at the time of land transfer. All compliance activities except for one dump-site (the Gulch Runway Dump) have been transferred to the Army mainly, the fuel component systems.

- **Gulch Runway Dump.** The PCB-contaminated soil from the Gulch Runway dump, stockpiled at the site since 1996, was finally removed and disposed of in the mainland. The soil beneath and around the stockpile was sampled to determine the remaining PCB levels. All soil samples have PCB concentrations between 1 and 10 part per million (ppm). The PCBs action level for the site was set at 10 ppm. Therefore, final closure was granted for the Gulch Runway Dump. However, because the levels of PCBs remaining at the site is above the level for unconditional and unrestricted use, the site will be subject to land use restrictions and five-year review.

Kaala Air Force Station (AFS)

A work plan for a limited site investigation (SI) was reviewed by the DOH and necessitated visiting the site because from the time the PA/SI was conducted in 1987-1993, one of the IRP site's condition changed significantly. There was a landslide at the drum rack outfall that caused a large portion of the surface and subsurface soil to slide down slope exposing the subsurface soil.

In FY 2002, ecological risk assessment (ERA) documents were reviewed in support of the Project Manager to insure technical adequacy to meet DOH requirements for the use of appropriate techniques and procedures. This review insured that the most current standards for determining the level of impacts to the natural resources and completion of the overall risk assessment effort to support the decisions were proposed. Site reports/information submitted to DOH and reviewed for adequacy were followed up with site visits to fully evaluate the adequacy of the ERA documents or preliminary evaluations.

Punamano AFS

During FY 1998 the three subsites at Punamano AFS were closed out, closing documents were signed and no further action is planned. A burn pit was inadvertently discovered near SS01. Lead in soil was reportedly above Tier 1 action level and a removal action was supposed to be implemented in FY 2000. However, the Air Force informed the DOH of possible resampling of the soils because a fraudulent laboratory made the analyses. No work was conducted during FY2001 nor were any reports submitted to DOH.

Three Satellite Stations: Kokee Air Force Station, Palehua Solar Observatory, and Kaena Point Satellite Tracking Station.

Site inspection was completed for the three Air Force satellite installations. No contaminants of concern were identified above the regulatory levels and the Air Force is recommending no further remedial action for the sites. The final NFRAP closure documents for the two areas of concern at Kaena Point Satellite Tracking Station, drainage trough and base of antenna, was submitted and approved by DOH. There were no COCs found at the Palehua Solar Observatory site. A final NFRAP document was submitted for the leach field/septic system site. The levels of contaminants of possible concern (COPCs) at the site do not pose

significant risk to human health and the environment. At Kokee AFS, the NFRAP decision documents for the POL shed and contractors' area and the paint thinner disposal area were approved. However, the decision for NFRAP of a radar shaft site was not approved because the radar shaft could not be located. Therefore, samples could not be taken to support a NFRAP. The DOH contends that if the land use changes in the future and/or a discovery of site contamination are why a NFRAP status could not be granted, to avoid closing then reopening the site prematurely.

2.6. Significant Site Summaries from the Site Discovery, Assessment, and Remediation Section

2.6.1. Preliminary Assessment/Site Investigation (PA/SI) Sites

Ewa - Ewa Sugar Mill/Oahu Sugar Co.

This site consists of five subunits: the coral waste pit, the former fumigant storage area, the pesticide mixing/loading area in Ewa, the herbicide mixing/loading and seed cane fungicide dipping site on Waipio Peninsula, and the pesticide staging area in Kunia. Sampling events have been performed by the HEER Office at all subunits.

1. The Coral Waste Pit

A mixture of waste oil and water was disposed of at the coral waste pit adjacent to NAS Barber's Point. The landowner conducted additional sampling, and removal/remediation options for the petroleum-impacted soil are currently being evaluated. This site is inaccessible to the public and not located on any terrestrial sensitive environment. A Site Inspection (SI) report was submitted to EPA in September 1999. The site was given a No Further Remedial Action Planned (NFRAP) determination since the removal action was conducted under CERCLA, because the oil discovered appeared to contain no CERCLA hazardous substances. The HEER Office has given the site a no further action determination since the removal action was conducted.

2. The Former Fumigant Storage Area

The area is located within a residential area. It was previously suspected that chemicals used for fumigating plantation homes and various pesticides used on the sugar fields may have spilled at the site. Sampling has indicated the presence of only trace amounts of various pesticides, all of which are below regulatory action levels. There were also several detections of arsenic above the screening level; however, the HEER Office's toxicologist has determined that these levels do not currently pose a risk to human health or the environment. An SI report was submitted to EPA in November 1999; the site was NFRAP'd under CERCLA and given a No Further Action (NFA) by the HEER Office.

3. The Pesticide Mixing/Loading Area in Ewa

Ametryn, atrazine pentachlorophenol and dioxins/furans have been detected in the soil at the Ewa pesticide mixing/loading site at levels above action levels. This site has been given a high priority ranking by the HEER Office. Further sampling will be required of the landowner to delineate the extent of contamination. The site is currently fenced, and chemical warning signs are posted. An SI report was prepared and submitted to EPA in 2001. DLNR has satisfied the requirement that the surface soil at the site be stabilized to reduce exposure and migration of the contaminants. Further response actions will be required.

4. The Herbicide Mixing/Loading & Seed Cane Fungicide-dipping Site (Waipio Peninsula)

This area of concern is owned by the Navy and is located within a restricted area. Sampling at this site by the HEER Office has indicated the elevated levels of dioxins, DDE, DDT, As, and PCP above regulatory action levels. This site has been given a high priority ranking by the HEER Office. The responsible party has recently conducted additional sampling to characterize the extent and nature of contamination. The responsible party is conducting the response action consistent with the State Contingency Plan under the oversight of DOH and the Navy. An SI was originally planned, however, the site is part of the Navy Pearl Harbor NPL site, so SI is not necessary.

5. The Kunia Staging Area

Arsenic was detected in the subsurface soils at the Kunia staging area at levels above action limits. This subunit lies within an area, which may be developed into a residential subdivision. A site investigation report was submitted to EPA in November 1999. The site was given a no further action under CERCLA due to the lack of people immediately surrounding the site and the nature of the contamination but was given a medium priority by the HEER Office. The site requires further investigation. The landowners have been notified of the sampling results and the priority ranking.

Kahului, Maui - Kanaha Pond Industrial Sites (East & West)

The HEER Office conducted sampling in December 1999, to determine if there have been adverse impacts to Kanaha Pond from the industrial businesses formerly operating along Amala Place. Soil was sampled at former business sites, and sediment and surface water samples were collected from within Kanaha Pond. Preliminary analytical results indicate that soils at the site and the sediments and surface water of the pond received little to no impact by the chemicals of potential concern for this site. SI report for Kanaha Pond East has been completed and was given no further action under CERCLA. SI report for Kanaha Pond West is still in progress.

Pearl City - Waiawa Gulch

The Waiawa Gulch was evaluated by the HEER Office using EPA's federal hazard ranking system and site investigation criteria. Lead was detected at a concentration of 4,371 mg/kg in a soil sample collected from the bank of Waiawa Stream drainage outfall connected, to a wash rack at the facility, a possible source of contamination in the area. An ecologist-microbiologist from EPA Region IX conducted a site visit and stream walk in Waiawa Gulch with DOH in July 1998. Observations made during the stream walk indicate a reduction in aquatic macro fauna biodiversity as the stream. Analytical results of sediment and surface water from a "dry" season sampling event indicated levels below the regulatory limit. Given the concentrations detected, it appears that no further CERCLA actions are warranted. Wet season sampling event will be scheduled to determine the concentration of contamination present and if the contamination is having adverse effects on the aquatic macro fauna.

Kailua - Kapaa Landfill, Oahu

The Kapaa Landfill is comprised of three distinct inactive landfill areas covering approximately 750 acres. Kawainui Marsh, adjacent to the landfill, is the largest freshwater marsh in Hawaii. An investigation was conducted to determine leachate infiltration locations. The Field Sampling Plan will determine if leachate from the landfill is adversely affecting the marsh, host to four federally listed endangered avian species. The City and County of

Honolulu, who owns and maintains the landfill, is currently preparing a groundwater monitoring and leachate characterization plan. Results of the groundwater monitoring and leachate characterization reports may be used by the HEER Office to assess the potential for impacts to ecological receptors at the Kawainui Marsh. The HEER Office conducted sampling in December 2001. Preliminary analytical results indicated levels of contaminant below the regulatory limit. An SI report is in progress.

Waialua Sugar Company

The Waialua Sugar Mill closed operations in October of 1996. The mill and power plant were dismantled and shipped to Indonesia. Remaining structures at the mill site have been converted to coffee production and/or leased to small businesses and to individual farmers for diversified agriculture. The apparent problems associated with the Waialua Sugar Mill site are as follows:

- There is potential for soil and groundwater contamination due to runoff from former pesticide mixing and loading sites and from equipment maintenance facilities.
- Contamination may occur at an inland landing strip formerly used for aerial application of herbicides and pesticides, and at former waste-water settling basins across Kealohanui Street from the mill complex.
- Soil staining occurs at the vehicle maintenance building, particularly near lubricant storage tanks and leaking drums.
- Run-off from vehicle maintenance may also have contaminated soils next to the vehicle maintenance building.

The Waialua Sugar Company produced much of their power by burning waste oil. The waste oil was stored in above ground storage tanks (ASTs) at the site. The potential for leaks from the ASTs is high. As the mill property is converted to other uses, it is important to understand the impacts, or potential impacts, of over one century of intense use as a sugar production facility.

A preliminary assessment was completed and approved by EPA Region IX in November 2001. EPA approved the Sampling and Analyses Plan in November 2002, and a sampling event is scheduled for the first quarter of 2003. A preliminary soil sampling was conducted in the former pesticide mixing plant to determine if there is an imminent threat to human health and the environment. Two soil samples were analyzed for arsenic and dioxin. Analytical results indicated arsenic (323 mg/kg and 599 mg/kg) and dioxin (1.68 and 2.02 µg/kg) levels above the acceptable PRG level for industrial use.

Pioneer Mill Company

The Pioneer Mill Company, a wholly owned subsidiary of AMFAC, ceased operations in September of 1999. EPA Region IX has authorized the HEER Office to perform a combined Preliminary Assessment/Site Inspection of the site. The HEER Office is working with Pioneer Mill Company's contractor in assessing the mill site for any hazardous material contamination from 150 years of sugar cane culture and processing. On a more immediate level, the HEER Office requested that dust control fences be erected along Mill Street and Kuhua Street, adjacent to the mill, to address residents concerns of potentially contaminated soil blowing into their homes from the mill.

In October 2002, due to citizen complaints, EPA took over the site. EPA Region IX hired Environmental Resource Management to conduct Site Assessment and Inspection. Sampling is anticipated during the third week of January 2003 and community meeting is scheduled before then.

Kauai Agricultural Research Center-Agent Orange

Between 1967 and 1968, the University of Hawaii in collaboration with the Department of Army (Fort Detrick, Frederick, Maryland), conducted an experiment to assess the defoliation effects of various pesticides, including Agent Orange, on jungle vegetation on Kauai. This site includes three areas of contamination: the drum disposal area; the actual spray sites located at Waikoko Block, Hanahanapuni; and the Sam Thronas area. The areas were applied with different rates of Agent Orange and PCP, respectively, that were applied singly or in combination with other herbicides. The DOH Solid and Hazardous Waste Branch is overseeing the removal and disposal of drums at the drum disposal area.

Soil sampling was conducted in September 2001 to determine if foliar application of various pesticides is affecting soils in the area. Given the concentrations of contaminants detected, it appears that no further CERCLA actions are warranted. However, a sediment sampling is scheduled to determine if marine habitat at the Waikoko streams are affected.

Kekaha Sugar Co. Ltd.

The apparent problem of the site is the pesticide/herbicide contamination brought about by sugarcane productions and operations. These operations involved generation and storage of used oil; used of fungicide for wood treatment and seed treatment, accumulation of contaminated sediments in the settling pond and the used of pesticides and herbicides in the mixing plant. Amfac Sugar Hawaii, Kauai, who owns Kekaha Sugar Co., Ltd. and Lihue Plantation Co., Ltd., hired Brewers Environmental Services (BES) to conduct clean-up and remediation of all areas of environmental concern. BES conducted a Phase II Site Investigation of the former wood treatment plant. Results from the analysis of the collected soil samples showed elevated levels of benzo(a)pyrene, benzo(a)anthracene, benzo(b) flouranthene, methylene chloride, and pentachlorophenol above the DOH-Tier I Action levels. There was no soil sample collected at the herbicide mixing plant.

Soil sampling was conducted at both, the wood treatment and herbicide mixing plant sites by the DOH in May 2002. Results of the analyses showed elevated levels of benzo(a)pyrene, and arsenic in the former wood treatment plant and elevated levels of dioxin, and arsenic at the former herbicide mixing plant. The levels of benzo(a)pyrene, arsenic and dioxin are above the PRG level for residential use. The total excess cancer risk was calculated and result showed that it exceeds the EPA upper bound risk level of 1×10^{-4} indicating a potential for imminent and substantial health risk. Based on HEER recommendation, DLNR placed warning signs around the contaminated area to warn the public of the hazard and restrict access to the site. DLNR is also working with Environmental consultants to address the problem posed by uncontrolled dust and potential migration of soil due to runoff.

Lihue Plantation Company Ltd.

Similar to Kekaha Sugar Co. Ltd. The apparent problem of the site is the contamination brought about by sugarcane production and operations. There are four sources of contamination; the Lihue Herbicide Mixing Plant located at Hanamaulu; the Seed Dipping Plant; the Settling Pond and the Lihue Sugar Mill. Analyses of soil samples collected by Brewers Environmental Inc., showed elevated levels of DDT, chlordane, heptachlor and

arsenic. EPA approved a Preliminary Assessment Consultation Memorandum on Nov. 2002. Sampling and Analyses Plan is already in progress.

2.6.2. State Listed Sites Requiring Remedial Response and/or Remediation

Honolulu Harbor

On February 2, 2001, the Department entered into a second agreement with the Honolulu Harbor participating parties (HHPP). The agreement was signed under the authority of Chapter 128D, Environmental Response Law, and any other State or Federal laws that apply. During the initial investigation of Honolulu Harbor, contaminated areas were identified and prioritized for cleanup. Areas that exhibited potential vulnerability for groundwater contamination were given first priority for cleanup. The HHPP agreed to notify the Department when they discovered contamination and to make available the method of cleanup they propose to address the contamination. The agreement required the HHPP to perform specifically identified analyses and provide the information to the Department in an integrated Geographic Information System (GIS) data layered format. The GIS data layer will be used by the Department to take a closer look at petroleum facilities, petroleum and/or contamination identified as constituents of petroleum. The GIS layering database benefits the Department by linking them into shared information in other databases, such as, mapping the locations of actual and/or potential sources of contamination, regional geology and hydrogeology profiles, plume locations, groundwater and soil profiles and sampling analyses, contaminant migratory pathways, monitoring data, and other investigative information. The Honolulu Harbor Area-Wide Contamination Agreement between the Department and the HHPP is intended to keep the Department informed of innovations in cleanup technologies ensuring the protection of life and the environment.

GASCO

The former Gas Company site is located on a four-acre parcel in Iwilei, which is a part of the Honolulu Harbor district. The Gas Company processed heavy petroleum hydrocarbons to produce gas for domestic and industrial use on the island of Oahu from 1904-1988. The soil and groundwater at the site contains elevated levels of benzene and other petroleum products. Proposed cleanup technologies at the site include soil vapor extraction, in-situ air sparging/bio-sparging and the introduction of oxygen to enhance biodegradation. Cleanup and monitoring at the site is expected to continue for several years.

Kapalama Incinerator

Lead is present in soil at 757 Kōkea Street in Honolulu, where the former Kapālama Incinerator operated from the 1940s to the 1970s. The City & County of Honolulu has completed an investigation of the extent of contamination on the incinerator property, and is planning to remove and dispose of hazardous waste and excavate contaminated soils and dispose of them in a local landfill. Future investigations will determine the extent of contamination outside the incinerator property boundaries and evaluate the need for additional cleanup actions. The HEER Office is providing oversight for the cleanup.

Honolulu Wood Treating Site – Mapunapuna

Arsenic, chromium, pentachlorophenol, and dioxins are present at 2841 Pūkōloa Street in Honolulu. The contamination appears to have resulted from past practices of a wood treating company located at the site from the 1960s to the 1980s. The current tenant, former tenants, and the owner of the property are completing an investigation of the extent of contamination at the site and are in the process of identifying potential remedies.

Sand Island – Flynn Learner Site

Lead, arsenic, cadmium, chromium, barium, PCBs, and petroleum are present at the former Flynn-Learner facility at 120 Sand Island Access Road in Honolulu. Flynn-Learner Inc. operated a metal recycling business at the site from the 1950s to the 1990s. Damon Estate, the property owner, is entering into a voluntary response agreement with the Department of Health to determine the extent of contamination at the site, and to identify and evaluate potential remedies.

3.0. SUMMARY OF STATE PRIORITY CLEANUP SITES

The majority of cleanup sites are identified through the spill/release "notification system" required by the State Contingency Plan. All spills and releases, both Comprehensive Environmental Response Compensation and Liability Act (CERCLA) and non-CERCLA eligible (i.e. oil contaminated), are reported to the DOH. The Release Notification Log for FY 2002 can be seen in Appendix C. The remainder of sites identified are from referrals by other programs and the HEER Office's site discovery process.

The State Site List (Appendix B) contains all of the sites through FY 2002, which have been determined by the HEER Office to need further assessment and possible removal or remedial action. These sites have gone through the Initial Site Screening Team (ISST) prioritization process based upon the criteria in the Hawaii State Contingency Plan, Chapter 11-451, Hawaii Administrative Rules. These sites have been determined to be high, medium, or low priority and are actively being worked on or they will be addressed in the future.

3.1 State Priority List

Chapter 128D, HRS, requires that the department publish a list of those facilities undergoing action where a formal agreement has been established or a "responsible party" is not conducting the appropriate action. Although the program currently provides oversight to a number of sites, the following sites are the only ones officially listed on the State Priority List. All of these facilities voluntarily entered into agreements to conduct appropriate remedial action.

1. Pearl Harbor, Oahu
2. Waikakalaua/Kipapa Fuel Pipeline, Oahu
3. Schofield Barracks (Delisted August 10, 2000)
4. Del Monte Kunia, Oahu
5. Honolulu Harbor – Iwilei Unit, Oahu

3.2 Sites Accepted into the Voluntary Response Program

In addition to the five State priority sites that have voluntarily entered into agreements with DOH to conduct appropriate action, eleven sites have been accepted into the Voluntary Response Program (VRP). The following sites have signed a voluntary response agreement with the Department of Health (DOH) and are paying the State for DOH oversight of their remedial activities.

1. Home Depot, Iwilei, Oahu
2. 1230 Kapiolani Boulevard, Oahu
3. A&B Properties, Inc. Industrial Subdivision, Waipahu, Oahu
4. 819 Moowaa Street, Kapalama, Oahu
5. 825 Kapiolani Boulevard, Oahu

6. 283 Waiehu Beach Road, Wailuku, Maui
7. Damon Estate's 120 Sand Island Access Road, Oahu
8. Castle and Cooke Homes Managers Drive project, Waipahu, Oahu
9. Costco's Iwilei Store, Iwilei, Oahu
10. Bank of Hawaii Former Aiea Sugar Mill, Aiea, Oahu
11. Bank of Hawaii, Komohana Park, Kapolei, Oahu

3.3. High Priority Military Sites

The HEER Office continues to provide oversight to all military site cleanups through the Department of Defense/State Memorandum of Agreement (DSMOA) grant. The sites listed below are considered the highest priority military sites for consideration of oversight and compliance in accordance with the State Contingency Plan. These sites are listed with no preference to priority order:

1. Naval Computer and Telecommunication Area Master Station Pacific
2. Barber's Point Naval Air Station
3. Naval Station Pearl Harbor - Aiea Laundry
4. Waikakalaua/Kipapa Fuel Storage Area - Hickam Air Force Base
5. Pearl Harbor Naval Base - Subsurface Oil
6. Pearl Harbor Naval Shipyard - Battery Shop, Building 394
7. Hickam Air Force Base
8. Bellows Air Force Base

3.4. Hawaii Priority Sites Listed on the National Priority List

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

1. Pearl Harbor
2. Del Monte Kunia
3. Naval Computer and Telecommunication Area Master Station (NCTAMS).

3.5. Hawaii Sites Eligible under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA)

These Hawaii sites may be eligible for possible listing under CERCLA. Once a site is identified as a CERCLA site, it may be added to the National Priority List and the EPA may manage the cleanup.

1. Ewa/Oahu Sugar Co., Waipio Peninsula, part of Pearl Harbor NPL site.
2. Lawai Cannery Well, applying for CERCLIS 4th quarter of 2001.
3. Kanaha Pond Industrial sites, SI.
4. Maili Kai Emergency Access Road, CERCLA Eligible.
5. Kawainui Marsh, PA.
6. Kapaa Landfill, PA.
7. Kauai Agricultural Research Center, PA.

4.0. HEER OFFICE BUDGET AND EXPENDITURES

4.1. FY 2002 Budget Summary (per Act 259/01 for appropriation)

The combined total operating budget, both State and Federal funding for the HEER Office during Fiscal Year (FY) 2002 was **\$4,111,590**. The State FY 2002 extends from July 1, 2001 to June 30, 2002, while the Federal FY 2002 extends from October 1, 2001 to September 30, 2002. The federal fund amounts have been adjusted to coincide with the State fiscal year as reflected in the Annual Operating Budget and the FAMIS Expenditure Report.

During the State Fiscal Year 2002, **\$330,691** was appropriated in the State general fund budget for operations of the Emergency Preparedness and Response and the Hazard Evaluation sections of the HEER Office. These functions are vitally important in protecting Hawaii's environment as these sections are concerned with hazardous materials, emergency responses and the assessment of chemical exposures on human health. These functions cannot be funded with the federal grant dollars currently received by the office.

In addition, the HEER Office had an operating allocation of **\$2,871,616** from the State Environmental Response Revolving Fund (ERRF) during State FY 2002. The HEER Office utilized the ERRF for two primary purposes: response and operations. The response budget of **\$1,094,000** was primarily allocated for emergency response and the remedial contract services, which supplement its response capacity.

The operations budget of **\$1,777,616** was allocated to conduct oil spill cleanups; enforce Chapter 128D, HRS; and fund the counties' used oil recycling programs. Funding for the recycling programs, though budgeted in the HEER Office, is managed and overseen by staff in the Solid and Hazardous Waste Branch, Office of Solid Waste Management. The operating budget also funds all HEER personnel funded by the ERRF.

Four other programs in the Environmental Health Administration received funding from the ERRF. During FY 2002, the Solid and Hazardous Waste Branch had a budget of **\$467,625**, the Safe Drinking Water Branch had a budget of **\$679,059**, the Clean Water Branch had a budget of **\$264,867**, and the Environmental Management Division had a budget of **\$ 45,264** (See Appendix A for a more detailed description of function and operations). A total of **\$4,063,564** was allocated from the ERRF for the above four environmental programs.

In addition, the HEER Office received an operating allocation for four federal grants totaling **\$909,283**. Three of the grants were from the U.S. Environmental Protection Agency and one from the U.S. Department of Defense. These grants were very specific as to their designated usage and wherever possible, the Office utilized federal grant funds in lieu of state funds.

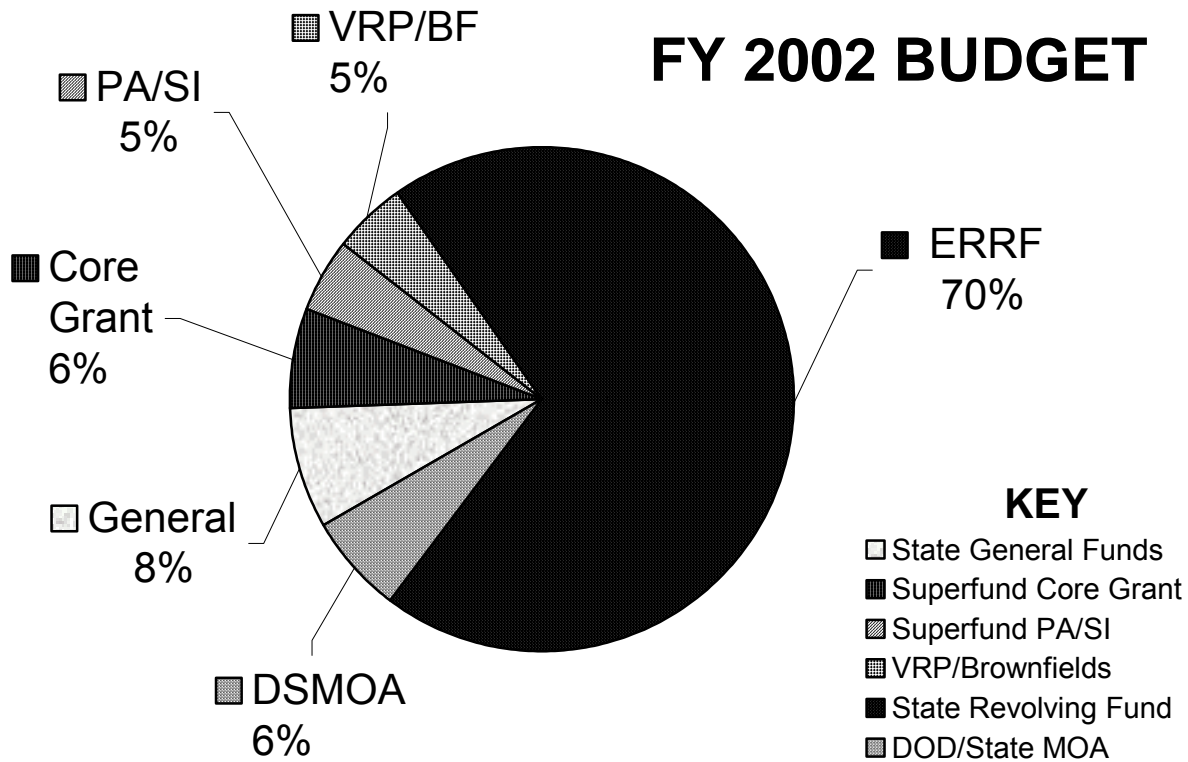


Table 1 FY 2002 HEER Office Funding Source & Budget

1. State General Funds (appropriation)	\$330,691
2. State Revolving Funds HTH 849 (appropriation)	\$2,871,616
3. EPA Superfund Core Grant (Federal)	\$244,000
4. Superfund PA/SI Cooperative Agreement (Federal)	\$210,000
5. Voluntary Cleanup/Brownfields Programs (VCP/BF), (Federal)	\$192,782
6. State/Department of Defense MOA Grant (Federal)	\$262,501
TOTAL STATE & FEDERAL BUDGET FOR FY 2002:	\$4,111,590

4.2. Summary of the FY 2002 Expenditures

The HEER Office expended \$3,056,092 of the \$4,111,590 allocated for appropriation to the FY 2002 operating budget.

A total of \$359,673 in State General Funds was expended by the HEER Office, exceeding the \$330,691 budgeted for FY 2002 (July 1, 2001 to June 30, 2002). Expenditures from the budgeted General Funds were vital for hazard evaluation, preparedness, and emergency response operations in the HEER Office. Chapter 128D, Environmental Response Law, established four State On-Scene Coordinators, funded with General Funds, located in the HEER Office, who have delegated authority under the Director of Health to act on behalf of the Governor to protect Hawaii's human health, welfare and environment. These functions cannot be funded with the federal grant dollars currently received by the office.

The State expended \$2,871,616 from the State Environmental Response Revolving Fund (ERRF) during State FY 2002. The HEER Office utilized the ERRF for three primary purposes: operations; response; and personnel. The operations expenditure of \$403,848 was used to conduct oil spill cleanups; enforce Chapter 128D, HRS; and fund the counties' used oil recycling programs. The response expenditures of \$1,301,305 were used to conduct responses to releases or threats of releases of hazardous substances. The personnel expenditure was \$454,263.

The State utilized the ERRF to fund four HTH 840 budgeted environmental programs. The individual drawdowns from the ERRF were \$412,846 to the Solid and Hazardous Waste Branch; \$438,980 to the Safe Drinking Water Branch; \$154,694 to the Clean Water Branch; and \$61,451 to the Environmental Management Division (specifics for these program can be found in Appendix A at the back of this report).

The HEER Office expended \$537,003 of the \$909,283 Federal grants operating allocations during FY 2002: Superfund Core (\$251,324); Superfund PA/SI (\$108,166); Superfund VCP/Brownfields (\$30,492); and State/Department of Defense Agreement (\$147,021). The U.S. Environmental Protection Agency, Region IX provided the first three grants for the HEER Office and the fourth grant came from the U.S. Department of Defense. These grants were very specific as to their designated usage; however, wherever appropriate, the Office attempted to use federal grant funds in lieu of state funding.

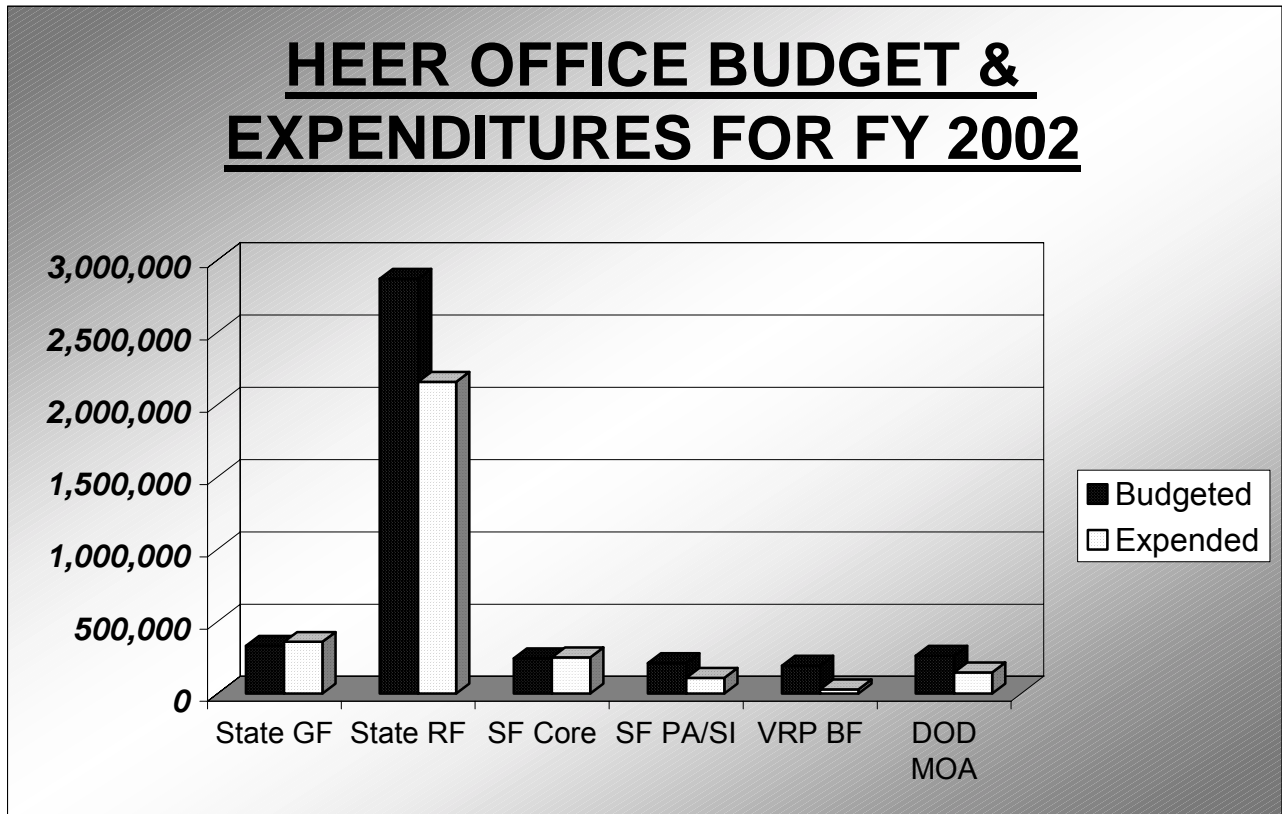


Table 2 HEER Funding Source & Expenditures:

<u>Funding Source</u>	<u>FY 2002 Expended</u>
State General Funds	359,673
State Revolving Funds	2,159,416
Core Program Development Grant (Federal)	251,324
PA/SI Cooperative Agreement (Federal)	108,166
Voluntary Cleanup/ Brownfields Programs (Federal)	30,492
Department of Defense/State (Federal) MOA	147,021
TOTAL STATE & FEDERAL EXPENDITURES	\$3,056,092

4.3. General Funds

General funds support the Hazard Evaluation Section, as well as the Emergency Response and Preparedness Section. These functions are vitally important in protecting Hawaii's environment as these sections are concerned with hazardous materials, emergency responses and the assessment of chemical exposures on human health. These functions cannot be funded with the federal grant dollars currently received by the office.

Table 3 HEER Office General Funds

			<u>Budget FY 2002</u>	<u>Expended FY 2002</u>
A. Funds				
	1	Office Manager		
	1	Epidemiologist IV, SR 22		
	4	Env. Health Spc. IV, SR 22		
	1	Env. Health Spc. III, SR 20		
	1	Clerk Typist, SR 8		
	<u>8</u>	Subtotal	<u>279,173</u>	<u>340,765</u>
B&C Funds			51,518	18,908
TOTAL			<u>\$330,691</u>	<u>\$359,673</u>

4.4. Environmental Response Revolving Fund

The Environmental Response Revolving Fund (ERRF), established in Chapter 128D, HRS, is supported by a tax of five cents per barrel on petroleum sold, fines and penalties for environmental violation, grants, legislative appropriations, and costs recovered from response actions. The fund may be used to conduct removal or remedial actions consistent with Chapter 128D; the oil tax shall also be used:

- a) For oil spill planning, prevention, preparedness, education, research, training, removal, and remediation; and
- b) For direct support for county used oil recycling programs; and may also be used to address concerns related to drinking water, underground storage tanks, including support for the underground storage tank program of the department and funding for the acquisition by the State of a soil remediation site and facility.

Currently, five programs within DOH have budgeted accounts for access to the ERRF: The Hazard Evaluation and Emergency Response Office (HEER), Solid and Hazardous Waste Branch (SHWB), the Safe Drinking Water Branch (SDWB), the Clean Water Branch (CWB), and the Environmental Management Division (EMD). The budget and expenditures from the ERRF found in the following pages, and the descriptive usage of the funds by the four other programs can be found in Appendix A.

Please note that this report is intended to provide a complete overview of the HEER Office activities. However, to meet the requirements of ACT 300/93, SLH, this section of the report provides a complete overview of all budgeted activities in the ERRF.

Table 4 HEER Office Expenditures from the ERRF

			<u>Budget FY 2002</u>	<u>Expended FY 2002</u>
A. Funds	2	Toxicologist I, SR 26		
	1	Eco Risk Assessor, SR 26		
	1	Epidemiologist III, SR 20		
	2	Env. Health Spc. V, SR 24		
	1	Clerk Typist II, SR 08		
	5	Env Hlth Spc. IV, SR 22		
	2	Voluntary Cleanup Spc, SR22		
	14	Subtotal	721,203	454,263
B. Funds		Oil Related Activities	1,006,413	403,848
		Removals	1,094,000	1,301,305
		Subtotal	2,100,413	1,705,153
C. Funds			50,000	-0-
		GRAND TOTAL	\$2,871,616	\$2,159,416

Table 5 Solid and Hazardous Waste Branch Revolving Funds

			<u>FY 2002 Budget</u>	<u>FY 2002 Expended</u>
A. Funds	1	Environ. Engineer IV, SR 24 (SW)		
	1	EHS IV, SR 22 (HW)		
	1	EHS IV, SR 22 (HW)		
	1	EHS III, SR 20 (LUST)		
	1	EHS IV, SR 22 (LUST)		
	1	Geologist I, SR 24 (LUST)		
	1	EHS III, SR 20 (UST)		
	1	EHS III, SR 20 (UST)		
	1	EHS IV, SR 22 (UST)		
	1	Clerk Typist II, SR 08 (UST)		
	10			
		Subtotal	479,439	411,249
B. Funds			15,000	1,597
		TOTAL	\$494,439	\$412,846

Table 6 Safe Drinking Water Branch Revolving Funds

			<u>Budgeted FY 2002</u>	<u>Expended FY 2002</u>
A. Funds	3	Env. Engineer IV		
	1	Env. Hlth Spec. III		
	2	Clerk		
	1	UIC Clerk		
	1	DPSA		
	2	UIC Geologist I		
	1	UIC Geologist II		
	11	Sub Total	519,066	414,220
B Funds			154,993	24,760
C Funds			5,000	-0-
		TOTAL SDWB	\$679,059	\$438,980

Table 7 Clean Water Branch Revolving Funds

			<u>Budgeted FY 2002</u>	<u>Expended FY 2002</u>
A. Funds				
	1	DPSA IV		
	1	Env. Hlth Spec. IV		
	2	Sub Total	94,867	0
B Funds			160,000	150,000
C Funds			10,000	4,694
		TOTAL CWB	\$264,867	\$ 154,694

**Table 8 Environmental Management Division
Revolving Funds**

			<u>FY 2002 Budget</u>	<u>FY 2002 Expended</u>
A. Funds	1	DPSA V, SR24	\$45,264	\$61,451
B. Funds			-0-	-0-
		TOTAL EMD	\$ 45,264	\$61,451

Table 9 Environmental Response Revolving Fund Summary

	FY2002 Budgeted	FY2002 Expended
<u>HEER-HTH 849-FD</u>		
A Funds	721,203	454,263
B Funds	2,100,413	1,705,153
C Funds	50,000	-0-
HEER Subtotal	2,871,616	2,159,416
<u>SHWB-HTH 840-FJ</u>		
A Funds	479,439	411,249
B Funds	15,000	1,597
C Funds	-0-	-0-
SHWB Subtotal	494,439	412,846
<u>SDWB-HTH 840-FH</u>		
A Funds	519,066	414,220
B Funds	154,993	24,760
C Funds	5,000	-0-
SDWB Subtotal	679,059	438,980
<u>CWB-HTH 840-FG</u>		
A Funds	94,867	-0-
B Funds	160,000	150,000
C Funds	10,000	4,694
CWB Subtotal	264,867	154,694
<u>EMD-HTH 840-FH</u>		
A Funds	45,264	61,451
B Funds	-0-	-0-
C Funds	-0-	-0-
EMD Subtotal	45,264	61,451
TOTAL	\$4,355,245	\$3,227,387

4.5. Federal Funds

The budgets listed in this section are adjusted to coincide with the State fiscal year. The expenditures for Federal Grants are derived based on the State fiscal year which includes the last quarter of FY 2001 and not the last quarter of FY 2002 and the first three quarters of FY 2002. Since federal grants are received in Hawaii based upon the federal fiscal year (October through September), these numbers do not match exactly with the federal grant amounts recorded in the Federal Financial Status Report.

4.5.1. Core Grant

Table 10 **HEER Office Core Grant Funds**

			Budget FY 2002	Expended FY 2002
A. Funds	1	Planner V, SR-24		
	1	EHS IV, SR-22		
	1	Secretary, SR-14		
	3	Subtotal	117,739	155,632
B+C Funds		HEER	126,261	95,692
		TOTAL	\$244,000	\$251,324

4.5.2. PA/SI Cooperative Agreement

Since October 1989, Hawaii has entered into a PA/SI Cooperative Agreement (CA) with the EPA. A specificity for receiving the PA/SI partnership agreement between the State and the U.S. EPA Region IX is: **The PA/SI funds, consisting of \$190,633, should be utilized for only those costs associated with continuing the Federal PA/SI Program in the State.**

Table 11 - HEER Office PA/SI Grant Funds

		<u>Budget FY 2002</u>	<u>Expended FY 2002</u>
A. Funds			
1	Env. Health Spc. IV, SR-22		
2	Env. Health Spc. III, SR-20		
0.5	Clerk Typists II, SR-08		
3.5	Subtotal	132,260	80,874
B + C Funds		<u>77,7407</u>	<u>27,292</u>
TOTAL		\$210,000	\$108,166

4.5.3. Voluntary Cleanup Program (VCP) & Brownfields Redevelopment Grant

The Voluntary Cleanup Program (VCP) grant is federal funding from the Environmental Protection Agency which is awarded to the State as a resource to encourage the voluntary cleanup of contaminated sites by developers and prospective purchasers. The VCP grant provides administrative and other non-site specific funds to operate the Voluntary Response Program. The budgeted funds for VCP were \$125,000 in FY 2002.

The Voluntary Response Program (VRP) on the other hand, is an operating State program located in the HEER Office. Development of the VRP program continued during FY 2001 using predominately the federal VCP grant. Under the State VRP program, once a site is accepted into the program they are required to deposit \$5,000 into the ERRF and maintain a balance of no less than \$ 1,000 in order to fund the DOH personnel providing oversight. This requires the State to track deposits and expenditures individually for each site admitted into the program for voluntary response and/or cleanup. The site specific/project specific voluntary response agreement with the State provides the participating parties with technical advice based on the latest technologies and a one on one working relationship with the project manager overseeing the cleanup actions.

The Brownfields Program is targeted at cleaning up abandoned hazardous waste sites and preparing them for economic redevelopment. The budgeted fund for the Brownfields Redevelopment Program in FY 2002 was \$100,000.

Table 12 HEER Office Brownfields & Voluntary Cleanup Funds

		<u>Budget FY 2002</u>	<u>Expended FY 2002</u>
B +C Funds			
* Voluntary Cleanup Program		92,782	27,892
B +C Funds	** Brownfields	100,000	2,600
TOTAL		<u>\$192,782</u>	<u>\$30,492</u>

* This portion of the Combined Superfund Federal Grant is awarded to the HEER Office as "B" funding, similar to those funds awarded in contractual agreements. The Grant dollars are to be used for non-site specific activities only. The grant was initially used to amend Chapter 128D, "Environmental Response Law" for the implementation of a State Voluntary Response Program (VRP). Although this Voluntary Cleanup Program grant award has a limited duration, EPA Region IX is continuing to provide these funds to the HEER Office supporting Hawaii's environmental cleanup agenda, through development of the State Voluntary Response program.

** This portion of the Combined Superfund Grant is awarded as a contract, "B" funding. The Brownfields dollars are awarded through the Department of Health, Hazard Evaluation and Emergency Response (HEER) Office to be used for pilot cleanup and redevelopment projects. Currently DBEDT is the selected recipient of the award in an effort to cleanup specifically selected State lands for redevelopment to stimulate economic growth.

4.5.4. Federal Facilities Cleanup Grant

The Department of Defense/State Memorandum of Agreement (DSMOA) program was established by the federal government to cover reimbursement of costs incurred by the state in providing oversight services to the Department of Defense (DOD) installations conducting environmental cleanup activities funded under the Defense Environmental Restoration Program (DERP). A 2-year Cooperative Agreement (CA) application was submitted in June 2000 and an approval was received to obtain reimbursement funding to cover FY2001 and FY 2002 costs incurred by Hawaii in the DSMOA Program. The DSMOA funds are given to the State based on the State's request for advanced or reimbursement payment. There is no carry over of funds unspent in each year of the 2-year Cooperative Agreement. If there is need for additional funding the Cooperative Agreement allows for the renegotiation for increased funding.

Table 13 HEER Office DSMOA Federal Facilities Funds

			<u>FY 2002 Budget</u>	<u>FY 2002 Expended</u>
A. Funds	1	Geologist, SR 24		
	3	EHS IV, SR 22		
	<u>0.5</u>	Clerk Typist, SR 8		
	4.5	Subtotal	<u>206,707</u>	<u>125,753</u>
B. Funds			54,194	17,860
C. Funds			<u>1,600</u>	<u>3,508</u>
			<u>\$262,501</u>	<u>\$147,021</u>

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APPENDICES

A, B & C

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APPENDIX A

2002

FOUR DEPARTMENT OF HEALTH ERRF HTH 840 FUNDED PROGRAMS

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5.0 FOUR ENVIRONMENTAL PROGRAMS RECEIVING HTH 840 ERRF FUNDING

There are currently four other Environmental Health Administration programs receiving funding from the Environmental Response Revolving Fund (ERRF). They are the Solid & Hazardous Waste Branch, the Safe Drinking Water Branch, the Clean Water Branch, and the Environmental Management Division.

5.1. Solid and Hazardous Waste Branch

The Environmental Response Revolving Fund provides support for the following program activities within the Solid and Hazardous Waste Branch (SHWB):

USED OIL MANAGEMENT AND RECYCLING

On March 13, 1999, amendments to the hazardous waste regulations became effective. Federal regulations promulgated from 1993 to 1998 were incorporated into the latest version. Most notable was the addition of the used oil regulations, Hawaii Administrative Rules (HAR) 11-279. The new used oil regulations combined federal regulations along with existing state regulations that were formerly under HAR 11-58.1, Solid Waste Management.

The Hazardous Waste Program is responsible for all aspects of used oil management. There are currently 33 used oil transporter permits issued. Three permit applications are being reviewed and awaiting issuance. Of the 33 transporters, approximately nine are considered both a transporter and processor of used oil.

The number of used oil transporter permits continues to increase as we identify more used oil handlers. These unpermitted handlers are usually identified during inspections conducted in conjunction with hazardous waste.

For various reasons, including greater awareness by the general public, there continues to be more used oil complaints of illegal dumping, on all islands. The used oil inspector, hazardous waste inspectors and solid waste inspectors have been working together to respond to the complaints. Oftentimes used oil, hazardous waste and solid waste are found at these complaint sites.

Along with the hazardous waste funded inspector positions, the hazardous waste/used oil inspector position was also reallocated and upgraded from an EHS level III to an EHS level IV.

In FY 2002, the hazardous waste planner rewrote the used oil contracts and awarded new contracts to the Kauai, Maui and Big Island counties to continue their Used Oil Do-It-Yourself (DIY) Collection Program. All three counties requested and received an increase in their grant funding (\$200,000 budgeted by the HEER Office). The increase will go towards adding more site collection areas, disposal of the used oil (both clean and contaminated oil), and providing greater education and outreach through various methods most appropriate for the counties. Honolulu County declined grant money for a DIY Used Oil Collection Program

because of the availability of H-Power and the county's campaign to have DIY use oil eater boxes. The hazardous waste planner will be modifying the contracts to include additional funding for education to the counties.

The EHS IV Permit Writer, who is also supported by the oil fund, continues his oversight of contaminated facilities undergoing groundwater monitoring (Chevron Refinery, Tesoro Refinery, Hawaiian Western Steel and Chemwood). Facilities such as Midpac Lumber and Kauai Agriculture Research Center are also undergoing closures of contaminated sites. Makua Military Reservation continues to be a highly charged site. However, due to national defense Makua is once again being used as a live fire training ground. The Army has agreed that upon cessation of training, they will do a full-blown Environmental Impact Statement.

SPECIAL WASTE MANAGEMENT

The Special Waste permitting engineer is responsible for permitting and monitoring activities over a wide range of special waste management facilities including petroleum contaminated soil (PCS) remediation facilities. Another major focus is the permitting and oversight of automobile salvage facilities where a primary concern is the proper management of gasoline, oil and other automotive fluids removed from the vehicles. Currently, the Engineer has responsibility for more than 40 permitted facilities, which deal directly or indirectly with oil related issues

MANAGEMENT OF LEAKING UNDERGROUND STORAGE TANK (LUST) SITES

The EHS III has an active caseload of 70 LUST sites at this time and provides project oversight to all remedial efforts of his cases. The EHS IV provides team unit leadership for four other EHS III staff and an additional 263 active LUST sites in the state of Hawaii. The EHS IV position has been vacant since June 2002.

As of September 30, 2002, 1,858 releases have been confirmed from underground storage tanks in the state of Hawaii. Of these, 1,321 cases have been assisted to a status of "Cleanup Completed". One hundred twenty-five cases have been transferred to the Hazard Evaluation and Emergency Response office and 392 active cases remain.

The LUST EHS IV is also in charge of the branch's website and performs all updates and modifications to the web site for the UST section, the Hazardous Waste section, and the Solid Waste section of the Solid & Hazardous Waste Branch. In addition, the UST EHS IV assists the LUST EHS IV twice a year in exporting UST/LUST data from the master database to Excel spreadsheet format. This data is placed on the website and is accessible to the public as an informational service. This has been a very valuable service to consultants, landowners, and other individuals with an interest in the state's registered UST facilities.

INSPECTION OF UNDERGROUND STORAGE TANK FACILITIES

From July 1, 2001 to September 30, 2002, staff issued nine permits for the installation and operation of new USTs at regulated UST facilities. A permit is required to install or operate an UST or tank system brought into use in Hawaii after the effective date of the State rules. The permit is issued for a term of 5 years. Once the permit is issued, the UST owner and operator has one year to install the tank or tank system and must notify the DOH at least 7 days before installation. After the tank is installed, the UST owner and operator must notify the DOH with 30 days using forms provided by the DOH.

The state's field citation program, led by two UST EHS IIIs, continues to conduct operational inspections at facilities with UST's and issue field citations as necessary. These inspections include review of release detection records, documents demonstrating evidence of financial responsibility, and spill and overfill prevention equipment and corrosion protection standards. The goal of these inspections is to prevent releases of petroleum and hazardous substances from UST systems and to minimize the volume of release if one does occur.

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

The UST EHS IV tracked and reviewed the daily work activities of the EHS IIIs. The EHS IV also maintains the database for the UST sections. The EHS IV was also designated as the Safety Coordinator for the Solid and Hazardous Waste Branch and ensured that staff had proper equipment for field inspections.

The UST EHS IIIs and EHS IV provided assistance to consultants and contractors who requested and reviewed UST facilities files. Timely review of facility files assists the banking, real estate and petroleum industry to complete transactions involving the sale or return of properties that were affected by petroleum releases.

5.2. Safe Drinking Water Branch

The Environmental Response Revolving Fund (ERRF) continued to support personnel and activities related to the protection of public health and drinking water quality through many activities during FY 2002. These funds were used to support activities with both direct and indirect drinking water protection benefits.

The 2001 Legislature approved the addition of another position, a data processing systems analyst (DPSA IV) to support drinking water data organization funded through the Environmental Response Revolving Fund. This position has yet to be established and filled.

REASSESSMENT OF STATE STANDARD FOR 1,2,3-TRICHLOROPROPANE

1,2,3-Trichloropropane (TCP) levels in those drinking water sources, which have been contaminated, continue to be relatively stable. The Honolulu Board of Water Supply and other water systems on Maui have spent significant resources to investigate treatment options, install, operate and maintain treatment facilities to reduce the levels of TCP in their sources. The reassessment of the state standard for TCP was completed in early FY 2002. The Sapphire Group, Inc. completed its evaluation of current toxicological information concerning TCP, and presented its findings to the Department and the potentially affected water suppliers in December 2001. This evaluation recommended a reduction in the TCP standard from the current concentration of 0.8 micrograms per liter to 0.6 micrograms per liter.

This change was incorporated in our current rule revision package and taken to public hearing on October 31, 2002. Based on the comments received on this proposed change, the reduction in the TCP standard will be adopted.

LEAD AND COPPER RULE ADMINISTRATION

Lead in drinking water in Hawaii is regulated under the state version of the federal Lead and Copper Rule. The administration of the Hawaii regulation is one of the responsibilities of staff supported by the ERRF. This rule requires systems to obtain “first flush” samples from homes which are most likely to suffer from lead contamination. The number of these samples ranges from five to one hundred based on the population served by the system. In Hawaii, we have found that lead occurs in drinking water as the result of home or building plumbing. Homes or buildings which have had recent work done to replace their plumbing can have low level lead concentrations in the water if the materials used in the plumbing contains a small percentage of lead. While most of the materials known to contain lead are now restricted from water systems, it is still possible to use some materials with small percentages of lead content.

The rule sets an “action level” for lead at 0.015 milligrams per liter (parts per million), which can also be read 15 micrograms per liter (parts per billion). Systems whose 90th percentile highest sample exceeds this level are required to treat their water to make it less “aggressive”. At the end of FY 2002, only two water systems continued to exceed the action level without having installed proper treatment. This is a reduction from the six water systems, which had elevated lead levels at the end of FY 2001. These systems are the South Kohala Water System on Hawaii and the Kokee State Park Water System on Kauai. The South Kohala Water System is converting to a new treatment method, which should successfully bring them into compliance with the lead action level. The Kokee State Park Water System is currently in the process of installing a corrosion control system.

DEVELOPMENT AND MAINTENANCE OF DISINFECTANT/DISINFECTION BY-PRODUCTS RULE & INTERIM ENHANCED SURFACE WATER TREATMENT RULE

The ERRF supports a staff person who was originally responsible for administration of the Surface Water Treatment Rule (SWTR) which was promulgated by EPA in 1991. This rule imposed treatment, monitoring, and reporting requirements on surface water systems for the removal or control of several microorganisms. Since that time, EPA has become aware of and concerned with additional microorganisms, which are more difficult to filter and are more resistant to conventional disinfections. In response, they have promulgated more stringent requirements for surface water systems in the form of the Interim Enhanced Surface Water Treatment Rule.

At the same time, EPA has recognized that the addition of disinfectants to water (primarily surface waters), which have “precursors”, can generate by-products. Some of these by-products are thought to be harmful. In response, EPA has generated the Disinfectant/Disinfection By-Products Rule which seeks to limit the concentration of disinfectants added to drinking water as well as limit the presence of disinfection by-products in the water.

The Disinfectant/Disinfection By-Products Rule (D/DBPR) and the Interim Enhanced Surface Water Treatment Rule (IESWTR) will work together to increase public health protection by increasing protection from exposure to additional microbes in drinking water, while assuring that the disinfectant and disinfection by-product levels in the water are limited to safe levels.

The public hearing for these rules was held on October 31, 2002. Based on the testimonies received, it is expected that these two new rules will be added to the state’s drinking water regulations.

PROTECTION OF EXISTING AND POTENTIAL UNDERGROUND SOURCES OF DRINKING WATER (HAWAII UNDERGROUND INJECTION CONTROL PROGRAM)

The Hawaii Underground Injection Control (UIC) Program is directly responsible to protect existing and future underground sources of drinking water (USDW) from contamination by underground injection of waste fluids.

In the early 1980's, work to identify the important USDW areas was completed. This work was accomplished by the DOH and technical advisory committees from each county. The county water supply and public works agencies, the U.S. Geological Survey, the Department of Land and Natural Resources (DLNR), private business, and involved consultants were some of the major participants in the technical advisory committees.

Following the identification of the state's USDWs, a permit system was implemented to control discharge quantities, effluent quality and injection practices. These permits identify operating conditions as well as monitoring and reporting requirements.

The ERRF currently supports a staff of three geologists and one clerk-typist who administer the entire program for over 796 facilities statewide. Each facility may involve multiple injection wells. Injection wells support many vital facilities including: municipal and private wastewater treatment plants, energy generation facilities, stormwater runoff control, and many other functions. In addition to protection of USDWs and the environment, the UIC program makes underground injection possible as a wastewater disposal alternative in lieu of ocean outfalls.

CERTIFICATION OF OPERATORS OF PUBLIC WATER SYSTEMS

One way of protecting drinking water is to ensure that the staff that work daily on the water system have sufficient training to do their duties properly. Congress felt so strongly about the need for state operator certification programs for public water systems that they authorized the EPA to withhold 20% of a state's capitalization grant beginning in 2001 if a state failed to achieve a certification program meeting minimum EPA criteria. In Hawaii, this would have equated to the loss of \$1.4 million in funds intended for low interest loans for public water system protection and improvements.

Hawaii's program consists of a five-member Board of Certification, appointed by the Governor, which meets to set policy, act on all applications for certification, assign continuing education units to training events, and more. The ERRF supports a staff of two, an environmental engineer and a clerk-typist. This staff compiles and maintains files on all existing certified operators, receives and prepares all applications for Board review, receipts and processes all certification and testing fees, prepares the examinations, prepares all correspondence, conducts training, administers examinations, tracks other state programs to see how they handle specific issues and more.

Primary among this year's accomplishments was the amendment of Chapter 11-25, Hawaii Administrative Rules to comply with EPA requirements for Hawaii's state certification program. This made Hawaii fully eligible for its capitalization grant of approximately \$7.4 million.

At the end of FY2002, the program had 156 certified water treatment plant operators and 306 certified distribution system operators.

ASSISTANCE TO OWNERS AND USERS OF RAINWATER CATCHMENT SYSTEMS

Act 218 of 1997 authorized the Safe Drinking Water Branch of the Department to use ERRF monies to administer a subsidized lead and copper testing program and to lend technical assistance to owners and users of rainwater catchment systems. This approach is preferable to the development of regulations to apply to these systems since regulating these systems would impose significant costs on the owners and users to use standardized materials and treatments which many owners could not afford and which may not solve all their contamination problems. At the same time, enforcing against these systems would require extensive additional staff and resources.

Each year, the Safe Drinking Water Branch receives many calls from people who use, own, or are about to use rainwater catchment to support their home needs. Some of these people have recognized problems such as dead animal(s) in their water storage tank, heavy algal growth, slimy buildup on the sides of their tank, and living organisms in the water. Others have had their water tested for bacteria and found severe contamination. Yet, others have experienced illness, which they suspect has been caused by the water from their system. In actuality, a high degree of vigilance and maintenance on the part of the owner or user of a rainwater catchment system is required in order to protect it from many forms of contamination.

During FY 2002, the Safe Drinking Water Branch along with the Rural Community Assistance Corporation assisted the University of Hawaii College of Tropical Agriculture and Human Resources (CTAHR), Cooperative Extension Service to print a brochure entitled, "Guidelines on Rainwater Catchment Systems for Hawaii". This document provides an excellent review of the major aspects of rainwater catchment system planning, operation and maintenance. Ten thousand copies of this brochure were originally printed and are being made available from several sources at no charge to interested persons.

CAPACITY DEVELOPMENT PROGRAM

Major strides were accomplished in the effort to assure that Hawaii public water systems achieve and maintain the technical, managerial, and financial capacity to comply with drinking water regulations. Two contracts were issued during FY 2002, which will help assure that more systems are able to meet capacity requirements. While the Environmental Response Revolving Fund supported the staff member who prepares and administers the contracts, the funding for the contracts comes from federal capitalization grant funds.

The first contract provides extensive training opportunities for managers, water treatment plant and distribution system operators over the next three years. This contract was awarded to the Rural Community Assistance Corporation, and calls for six manager, ten water treatment plant, and fourteen distribution system operator training classes every six months on all the major islands.

The second contract provides five water systems with 200 hours of technical assistance to help them attain satisfactory technical, managerial and financial capacity. One water system on each of the five major islands is participating in this program. Having sufficient capacity qualifies water systems for Drinking Water State Revolving Loans, which provide low interest loans for qualifying water system improvement projects.

5.3. Clean Water Branch

The Environmental Response Revolving Fund provides support for the following activities within the Clean Water Branch (CWB).

QUALITY ASSURANCE

The 2001 Legislature authorized two positions in the Clean Water Branch, an Environmental Health Specialist V (EHS), and a Data Processing Systems Analyst IV (DPSA). The DPSA was requested to integrate the various federally required data systems and provide technical support to staff within the CWB who implements data recording and reporting requirements. The EHS was requested to insure that monitoring information from permitted facilities and from CWB staff met acceptable standards for sampling, transportation and reporting under EPA rules and DOH policies. Recruitment for these positions were halted by the Governor's December 2001 freeze on hiring, and are currently in the process of obtaining his approval to be filled.

POLLUTED RUNOFF CONTROL

Contract funds to support the creation of three Conservation Specialists (CS) on the neighbor islands and Oahu were made available by the 2001 Legislature. These positions are intended to assist the Clean Water Branch's Polluted Runoff Control (PRC) program in providing technical assistance and oversight in the control of nonpoint source pollution from activities areas such as agriculture, urban, commercial, boating and dealing the general public. Due to the State's lengthy contract process, and the need to develop a scope of services that would add value to the program's mission, the contract was not awarded and FY 2002 ERRF funds encumbered until June 2002. The award was made to the Hawaii Association of Conservation Districts. The 2003 funds were also being negotiated and were awarded to the University of Hawaii Sea Grant program in July 2002. The contracts established six CS positions in Lihue, Kahului, Waimea, Hilo, Windward and Leeward Oahu. Both contracts are for one year.

5.4. Environmental Management Division

The Data Processing Systems Analyst funded by the ERRF is the computer network manager for the Environmental Management Division. The network manager supports and maintains the LAN/WAN connections for the division. Responsibilities of this position include providing a reliable daily backup, ensuring users have access to their data files, and providing email and internet connectivity. The network manager is also working to improve and upgrade network servers and connections. During FY 2002, these projects included the installation of an internet proxy server, a ftp server and the rehosting of the ip addresses. In addition, the network manager coordinated the installation of a satellite dish. The satellite dish will be used to receive instructions in case of a bio-terrorism attack.

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APPENDIX B

FY 2002

DEPARTMENT OF HEALTH

STATE SITE LIST

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HEER Office State Site List

<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
<u>1510A Frear Street 1510A Frear St, Honolulu 96813 Oahu</u>	<u>ISST</u>	
<u>2147 Aoao Street UST Removal 2147 Aoao St, off of Likelike Highway, Honolulu 96819 Oahu</u>	<u>Unreg UST</u>	
	<u>ISST</u>	
<u>2319 Ala Wai Blvd 2319 Ala Wai Blvd, Honolulu 96815 Oahu</u>	<u>Unreg UST</u>	<u>3/11/1996 NFA</u>
<u>2375 Akalakala St, engine oil dumping 2375 Akalakala St, Pearl City Oahu</u>	<u>ISST</u>	
<u>373 North Nimitz Highway 373 N Nimitz Hwy, Honolulu Oahu</u>	<u>Remedial</u>	
<u>4-1532 Kuhio Hwy. Site Assessment 4-1532 Kuhio Hwy, Kapaa 96746 Kauai</u>	<u>ISST</u>	
<u>420-470 North Nimitz Highway 420-470 N Nimitz Hwy, Honolulu Oahu</u>	<u>Remedial</u>	
<u>65 Kahului Beach Road 65 Kahului Beach Rd, Kahului 96732 Maui</u>	<u>ISST</u>	<u>6/25/1998 NFA</u>
<u>68151 Au St, storm drain 68151 Au St, Waiialua 96791 Oahu</u>	<u>ISST</u>	
<u>7 1/2-Acre Lot behind Waianae Mall, Waianae 96792 Oahu</u>	<u>ISST</u>	
<u>725 Kapiolani Boulevard 725 Kapiolani Blvd, Kapiolani St and Cooke St, Honolulu Oahu</u>	<u>ISST</u>	
<u>837 Kawaiahao Street 837 Kawaiahao St, Honolulu Oahu</u>	<u>Unreg UST</u>	
<u>85-225D Plantation Road 85-225D Plantation Rd, Honolulu Oahu</u>	<u>ISST</u>	
<u>861-869 North Nimitz Highway 861 N Nimitz Hwy, Honolulu Oahu</u>	<u>Remedial</u>	
<u>87-1641 Ulehawa Rd, Abandoned Pig Pen 87-1641 Ulehawa Rd, Waianae 96792 Oahu</u>	<u>ISST</u>	
<u>A&B Parcel Maui</u>	<u>Remedial</u>	
	<u>Remedial</u>	<u>6/2/2000 New RPM</u>
<u>ABC Chemical Corporation 94-131 Leowaena St, Waipahu 96797 Oahu</u>	<u>ISST</u>	<u>2/18/1997 NFA</u>
	<u>PA2</u>	<u>1/9/1984 Low</u>
<u>ABC Corporation Depot Road Waipahu Depot St, 94-049 Depot Rd (Can't find this address.), Waipahu Oahu</u>	<u>ISST</u>	<u>2/18/1997 NFA</u>

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Sitelist Name and Address	Activity	End Date Results
ABC Disposal Company 2760 Kamehameha Hwy, Honolulu 96819 Oahu	ISST PA1	12/16/1994 NFA 1/1/1986 NFA
ABC Store Underground Storage Tank Removal 2546 Lemon Rd, Paka Moana Apartments, Honolulu 96815	Unreg UST	
Ahalanui Park Thermal Pond, Ahalanui County Park Hawaii	Risk Assessment	11/27/2002 Refer to CWB
Aiea Heights Tanks 1294 Aiea Heights Dr Oahu	ISST	
Aiea Laundry Oahu	ISST	Medium
Aircraft Reclamation (Pharmacy Area) AOC KNMD-EA12 Oahu	ISST	4/15/1996 Medium
Airport Group International, Incorp - Wiki 200 Rogers Pl, Honolulu International Airport, Honolulu 96819 Oahu	Remedial	
Ala Wai Golf Course Maintenance Yard, Location "B" 404 Kapahulu Ave, Honolulu 96815 Oahu	Unreg UST	
Alamo Rent A Car, Keahole Airport, Keahole Airport Rd, Kailua-Kona 96745 Hawaii	ISST	1/12/1995 Low
Alexander and Baldwin Dump Site W Papa Ave, Kahului 96732 Maui	Remedial PA1 SI1 ISST	11/10/1997 NFA 11/10/1997 NFA 10/26/1995 Medium
Alexander and Baldwin Mill Town Diesel Plume in Groundwater Koaki St, Waipahu Sugar Mill, Waipahu 96797	VRP	
Alexander and Baldwin Mill Town Lead Contamination in Soil Koaki St, Waipahu Sugar Mill, Waipahu 96797	ISST	7/29/2002 NFA
Allegiance Healthcare Corporation 1009 Opule St, Kapolei 96707 Oahu	ISST	
Allstate Industrial & Marine Cleaning, Inc., Honolulu Harbor Honolulu Harbor Pier 32, Honolulu Oahu	Remedial	
Aloha 7-Eleven Kalakaua 1323 Kalakaua Ave, Young St & Kalakaua Ave, Honolulu 96826 Oahu	ISST	
Aloha Motors 1777 Kapiolani Blvd, Honolulu 96813 Oahu	ISST	1/19/1995 NFA
Aloha Petroleum Terminal 739 N Nimitz Hwy, P.O. Box 500, 96809, Honolulu 96817 Oahu	Remedial	
Aloha Tower Development Nimitz Hwy, Honolulu Harbor Honolulu Harbor Piers 8-14, Honolulu 96818 Oahu	Remedial ISST	12/15/1995 Medium

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
<u>Amelco Corporation 645 Halekauwila St, Honolulu 96813 Oahu</u>	ISST	12/16/1994 Low
<u>American Linen (Youngs Laundry & Dry Cleaning) 2771 Waiwai Lp, Honolulu 96819 Oahu</u>	PA1	SI
	ISST	4/8/1999 Low
	SI1	9/30/1998 NFA
<u>American Pacific Transport, Inc. Tank Removal 2635 Waiwai Lp, Honolulu 96819 Oahu</u>	Unreg UST	
<u>Ameron Hawaii (HC&D) - Kapaa Quarry 909 Kalaniana'ole Hwy, Kailua 96734 Oahu</u>	ISST	12/29/1995 NFA
<u>Amfac Kekaha Field 108 Leaking Transformers 2940 Haleko Rd, Lihue 96766 Kauai</u>	ISST	7/15/1997 NFA
<u>AMFAC Waipahu Sugar Chlorinated Solvent Plume in Groundwater Waipahu St, Waipahu Sugar Mill, Waipahu</u>	Remedial VRP	9/9/2002 Terminated
<u>AMFAC Waipahu Sugar Mill Machine Shop Chlorinated Solvent in Soil Waipahu St, Waipahu Sugar Mill, Waipahu</u>	ISST VRP	9/9/2002 Terminated
<u>Ataraxia Farms (Report), Capt Cook Hawaii</u>	PA1	9/26/1996 NFA
<u>Atlas Electric Co. 1151 Mapunapuna St, 633 Halekauwila St (old location), Honolulu 96813 Oahu</u>	ISST	12/29/1995 NFA
<u>Bank of Hawaii Campbell Industrial Park Site 91-063 Malakole St, Campbell Industrial Park, Kapolei 96706</u>	VRP	
<u>Barbers Point Harbor, Across from Harbor Master's Office, Kapolei 96707 Oahu</u>	ISST	6/13/2000 Medium
<u>Barbers Point Harbor Contaminated Soil Transfer (Kwajalein Causeway Project), (fr Barbers Pt to Kwajalein)</u>	ISST	Refer to SHWB
<u>Barbers Point Harbor Expansion, Barbers Point Harbor, Kapolei 96707 Oahu</u>	ISST	6/7/2000 Medium
<u>Barbers Point Naval Air Station, NEX Service Station Building 129, Barbers Point Naval Air Station 96707 Oahu</u>	ISST	11/20/1995 NFA
<u>Barbers Point Naval Air Station, Ordy Pond, Barbers Point Naval Air Station, Honolulu 96707 Oahu</u>	ISST	11/20/1995 Medium
<u>Barbers Point Naval Air Station; Coral Pit, Ordnance Pond, Sanitary Landfill, Barbers Point 96862 Oahu</u>	ISST	7/6/1995 Medium
<u>Barbers Point Naval Air Station-Former Sewage Treatment Plant, Barbers Point Naval Air Station 96707 Oahu</u>	ISST	1/29/1996 Low
<u>Battery Acid Neutralization Shop/Building 2002 (KNMD-EA05) 96818 Oahu</u>	ISST	1/29/1996 Medium
<u>Battery Acid Pit, Bldg. 394 Building 394 Oahu</u>	ISST	3/30/1995 Medium

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Sitelist Name and Address	Activity	End Date	Resultsts
Bellows Air Force Station 220 Tinker Rd, Bellows Air Force Base, Honolulu 96898 Oahu	PA1 SI1	1/9/1992 1/9/1992	High High
Ben Franklin Stores Property, Kaunakakai Molokai	ISST	4/13/1995	NFA
BHP Gasco Benzene Site 432 Pacific St, Honolulu Oahu	Remedial PA2 PA1	9/5/1991 2/25/1991	NFA Low
BHP Hawaii, Inc. Oahu	Remedial		
BHP Pier 29 739 N Nimitz Hwy, Honolulu Harbor Honolulu Harbor Pier 29, Honolulu 96817 Oahu	Remedial ISST	6/26/1997	NFA
BHP's LPG Pipeline Jacket Leak, Between Refinery & Deep Draft Harbor, Kapolei 96707 Oahu	ISST	8/28/1997	NFA
Bilger Hall Mercury in Storm Catchment, Manoa Campus, Honolulu 96822 Oahu	ISST		
Bilger Hall Sulfur Chloride Spill, Manoa Campus, Honolulu 96822 Oahu	ISST		
Bird Builders Amala Pl, Kahului 96732 Maui	SI1 PA1 ISST	5/10/1995 12/21/1994	High Medium
BMW Dealership 777 Kapiolani Blvd, Honolulu Oahu	ISST	6/7/2000	Low
Borden Meadow Gold Dairy 9250 Kaunualii Hwy, Waimea 96796 Kauai	ISST	6/26/1997	Low
Brewer Chem Corporation, Puhi 3-1480 Kaunualii Hwy, Puhi 96766 Kauai	Remedial ISST PA2 SI1	11/2/1994 11/14/1988 9/21/1981	Medium Low High
Brewer Chemical Corporation 91-291 Kaomi Lp, Kapolei 96707 Oahu	Remedial ISST	12/29/1995	Low
Brewer Environmental Industries-Pacific Street 311 Pacific St, Honolulu 96817 Oahu	Remedial		

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date</u>	<u>Result</u>
<u>Brewer Environmental Industries-Pacific Street 311 Pacific St, Honolulu 96817 Oahu</u>	ISST	12/29/1995	Medium
<u>Brewer Hilo Coast Processing Papaikou Mill Oil Spill, Papaikou Landing, Papaikou 96783? Hawaii</u>	ISST		
<u>BTU Storage Tanks Pier 19, Honolulu Harbor Honolulu Harbor Pier 19, Honolulu 96817 Oahu</u>	Remedial		
<u>Building 8, Pearl Harbor Naval Shipyard, Pearl Harbor 96860 Oahu</u>	ISST	8/31/1995	Medium
<u>C&C Halawa Corporation Yard Petroleum Release Iwaena St, Aiea 96701 Oahu</u>	ISST		
<u>Camp H. M. Smith Building 600, Marine Corps Base Hawaii Camp H. M. Smith, Kaneohe 96861 Oahu</u>	ISST	4/15/1996	Medium
	SI2	9/29/1995	NFA
	FFR	1/6/1993	High
<u>Camp H.M. Smith UST CS-0-07 Building 600, Marine Corps Base Hawaii Camp H. M. Smith, Kaneohe 96861</u>	ISST	1/24/2000	NFA
<u>Cartwright Neighborhood Park Keeaumoku St & Matlock Ave, Honolulu 96814 Oahu</u>	ISST	11/22/1999	Low
<u>Central Oahu Wells Oahu</u>	PA1		
<u>Century Aviation Inc. 98 Kapalulu Pl, Honolulu 96819 Oahu</u>	Unreg UST		
	ISST	3/9/2000	Medium
<u>Chang UST Release 51-344 Kamehameha Hwy, Kaaawa 96730 Oahu</u>	Unreg UST		
<u>Chang-Chow Property North School Street Underground Storage Tank Closure 2161 N School St, Honolulu 96817</u>	Unreg UST		
<u>Chemwood Treatment Co, Inc. 91-476 Komohana St, Campbell Industrial Park, Kapolei 96707 Oahu</u>	ISST	4/12/1996	Low
<u>Chevron 2002 Kalakaua 2002 Kalakaua Ave, Honolulu 96815 Oahu</u>	ISST	10/1/1997	NFA
<u>Chevron Honolulu Terminal Marine 777 N Nimitz Hwy, Honolulu 96817 Oahu</u>	Remedial		
<u>Chevron Honolulu Transportation Terminal 933 N Nimitz Hwy, Honolulu 96817 Oahu</u>	Remedial		
<u>Chevron Kahului Bulk Terminal 100A Hobron Ave, Kahului 96732 Maui</u>	Remedial		
	ISST	10/29/1996	Medium
<u>Chevron Kapalama Northeast Parcel, Honolulu Harbor Honolulu Harbor Pier 36, Honolulu 96817 Oahu</u>	Remedial		
<u>Chevron Kapalama Northwest Parcel Oahu</u>	Remedial		

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Resultsts</u>
<u>Chevron Kapalama Southwest Parcel, Honolulu Harbor Honolulu Harbor Pier 37, Honolulu 96817 Oahu</u>	<u>Remedial</u>	
<u>Chevron Kapalama Terminal 1105 N Nimitz Hwy, Honolulu 96817 Oahu</u>	<u>Remedial</u>	
<u>Chevron Pier 35 Pipeline Release 965 N Nimitz Hwy, Honolulu Harbor Honolulu Harbor Pier 35, Honolulu 96817</u>	<u>Remedial</u>	
<u>Chevron USA Hawaiian Refinery 91-480 Malakole St, Kapolei 96707 Oahu</u>	<u>Remedial</u>	
	<u>ISST</u>	<u>12/29/1995 Medium</u>
	<u>SI1</u>	<u>9/1/1984 NFA</u>
	<u>PA1</u>	<u>11/1/1980 Low</u>
<u>Chevron USA, Inc. 1001 Bishop St, Pauahi Tower, Suite 1000, Honolulu 96813 Oahu</u>	<u>Remedial</u>	
<u>Chevron's Pipeline Oil Spill - Waiau 5/14/96 Kamehameha Hwy, Waiau Bank East Loch Pearl Harbor, Waiau 96782</u>	<u>NRDA</u>	<u>10/24/2002 Complete</u>
<u>Chuei Shokoh, Inc. 825 Kapiolani Blvd, Honolulu 96813 Oahu</u>	<u>VRP</u>	
	<u>VRP</u>	<u>9/30/2002 New RPM</u>
	<u>Remedial</u>	<u>9/4/2001 New RPM</u>
	<u>VRP</u>	<u>1/12/2001 New RPM</u>
<u>Citizens Energy Services Pier 38, Honolulu Harbor Honolulu Harbor Pier 38, Honolulu Oahu</u>	<u>Remedial</u>	
<u>City & County Wastewater Collection System Maintenance Yard 98 Koula St, Honolulu 96813 Oahu</u>	<u>ISST</u>	<u>7/9/2001 NFA</u>
<u>City Mill Company, Ltd. 660 N Nimitz Hwy, Honolulu 96817 Oahu</u>	<u>Remedial</u>	
<u>Coco Palms Resort USTs 4-241 Kuhio Hwy, Kapaa 96746 Kauai</u>	<u>ISST</u>	<u>7/5/2001 NFA</u>
	<u>ISST</u>	<u>4/8/1999 Low</u>
<u>Coco Palms Sewer Pump Station 4511 Haleilio Rd, Wailua 96746 Kauai</u>	<u>ISST</u>	<u>3/21/1995 Medium</u>
<u>Continental Auto Services 1918 Algaroba St, Honolulu 96826 Oahu</u>	<u>ISST</u>	<u>10/8/1999 NFA</u>
<u>Cooke Street Lead Contamination 501 Cooke St, Honolulu 96813 Oahu</u>	<u>ISST</u>	<u>11/15/1996 Low</u>
<u>Corn Mill Camp, Pukalani Maui</u>	<u>Remedial</u>	
<u>Costco Gas Station Alakawa St, Honolulu Oahu</u>	<u>Remedial</u>	
<u>Costco Iwilei Alakawa St Oahu</u>	<u>VRP</u>	

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date</u>	<u>Resultsts</u>
Crowbar Ranch 68-540 Farrington Hwy, Mokuleia 96791 Oahu	ISST	4/12/1996	NFA
	PA1	9/29/1995	NFA
Cutter Chevrolet Hydraulic Lift 1391 Kapiolani Blvd, 2nd Driveway from Kona Iki St, Honolulu 96814 Oahu	ISST		
Cutter Dodge Dillingham 735 Dillingham Blvd, Honolulu Oahu	Remedial		
Cyprus Hawaiian Cement Corp 91-055 Kaomi Lp, Kapolei 96707 Oahu	ISST	12/2/1996	Low
Deep Draft Harbor Pier 5 Crude Oil Contamination, Barbers Point Harbor Pier 5, Kapolei 96707 Oahu	ISST		
Del Monte Corp. (Oahu Plantation) 927 Luawai St, PO Box 200, Kunia 96759 Oahu	Cost Recovery		
	Remedial		
	ISST	9/7/1995	High
	SI1	1/31/1991	High
	PA1	11/1/1984	Low
Department of Transportation 727 Kakoi St, Honolulu 96819 Oahu	ISST	4/15/1996	NFA
	PA1	9/1/1984	NFA
Diamond Head Crater Tunnel #6 3949 Diamond Head Rd, Honolulu 96816 Oahu	ISST	10/29/1996	NFA
	PA1	9/1/1984	NFA
DIL Trust Oahu	Remedial		
Dillingham Airfield Farrington Hwy, Dillingham Airfield, Waialua 96791 Oahu	ISST		
Dillingham and Mokauea Dillingham Blvd & Mokauea St, Honolulu Oahu	ISST	10/29/1996	Low
Dillingham Boulevard Contaminated Soil 1199 Dillingham Blvd, Honolulu 96817 Oahu	ISST	7/23/1999	Low
DiMauro Properties Kaihikapu Street 2855 Kaihikapu St, Honolulu 96819 Oahu	ISST		
DLNR Buried Drum Site Sand Island Access Rd, Sand Island Access Rd/Keehi Lagoon, Honolulu 96819 Oahu	ISST		
DOD US Army, U.S. Army Engineer District, Ft. Shafter, Honolulu 96858 Oahu	Remedial		
DOH Honokaa 45-3380 Mamane St, Honokaa 96727 Hawaii	ISST	8/28/1997	Low

<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
Dole Cannery 801 Dillingham Blvd, Honolulu 96817 Oahu	Remedial ISST	12/15/1995 Low
	SI1	3/1/1992 NFA
	PA1	9/18/1990 Low
Dole Plantation (HID000626754) Palawai St, Palawai & 5319 Basins, Lanai City 96763 Lanai	SI1	6/1/1988 NFA
	PA1	12/1/1986 Low
Domestic Commercial Fishing Village, Honolulu Harbor Honolulu Harbor Piers 36-38, Honolulu 96817 Oahu	Remedial VRP	9/24/2002 Terminated
	Remedial	6/2/2000 New RPM
DRMO Manana Storage Area, Manana Storage Area, Pearl City Oahu	ISST	3/2/1995 Medium
DRUMS ON A U-HAUL TRUCK DUMPED 94-500 Kamehameha Hwy, Waipahu 96797 Oahu	ISST	
E & E Black Contractors Amala Pl, Kahului 96732 Maui	PA1	5/19/1995 NFA
	ISST	5/26/1994 Low
Earle M. Jorgensen 91-104 Kalaeloa Blvd, Kapolei 96707 Oahu	ISST	12/29/1995 NFA
East Honolulu Wastewater Treatment Plant (WWTP) 8480 Kalaniana'ole Hwy, Honolulu 96825 Oahu	ISST	12/11/1998 NFA
Elliot Street Drainage Canal Elliot St, Honolulu 96819 Oahu	Remedial	
Endosulfan release Delmonte Fresh Produce 94-1000 Kunia Rd, PO Box 200, Kunia 96759 Oahu	ISST	
Equilon Enterprises LLC Honolulu Terminal 789 N Nimitz Hwy, Honolulu 96817 Oahu	Remedial	
Event Arena Construction Lower Campus Rd, Manoa Campus, Honolulu 96822 Oahu	ISST	
Evershine X 1230 Kapiolani Blvd, Honolulu Oahu	VRP Remedial	9/30/2002 New RPM
	Remedial	9/4/2001 New RPM
	Remedial	1/12/2001 New RPM
	Remedial	6/2/2000 New RPM

<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
Ewa Junction Fuel Drumming Facility Oahu	ISST	3/30/1995 Medium
Ewa Repair Shop/Tesoro (Fort Weaver Road) 91-1669 Fort Weaver Rd, Ewa Beach 96706 Oahu	ISST	2/3/1999 Low
Ewa Sugar Mill/Oahu Sugar Co. Renton Rd, Ewa Sugar Mill, Ewa 96706 Oahu	SI1	9/30/1999 NFA
Ewa Sugar Mill/Oahu Sugar Co. - Coral Wastepit, Ewa Sugar Mill, Ewa Beach 96706 Oahu	Remedial	1/16/2001 ISST
	ISST	1/16/2001 NFA
	ISST	10/8/1999 Low
	SI1	9/30/1999 NFA
	PA1	6/16/1993 High
Ewa Sugar Mill/Oahu Sugar Co. - Ewa Sugar Mill Renton Rd, Ewa Beach 96706 Oahu	Remedial	
Ewa Sugar Mill/Oahu Sugar Co. - Fumigant Storage Area Renton Rd, Ewa Villages, Ewa Beach 96706 Oahu	ISST	8/10/2000 NFA
	SI1	3/7/2000 NFA
Ewa Sugar Mill/Oahu Sugar Co. - Kunia Staging Area Oahu	ISST	2/3/2000 Medium
Ewa Sugar Mill/Oahu Sugar Co.-Pesticide Mixing/Loading Site Farrington Hwy, Ewa Beach 96706	Remedial	
	Remedial	9/4/2001 New RPM
	ISST	10/17/2000 High
	SI1	7/6/2000 NFA
	PA1	6/16/1993 High
Exempt Underground Storage Tank at Hookipa Cottage 42-477 Kalaniana'ole Hwy, Kailua 96734 Oahu	Unreg UST	
Exempt UST Closure at Excelsior Dairy 458 Kekua'naoia St, Hilo 96720 Hawaii	Unreg UST	
F & M Contractors, Inc. Amala Pl, Kahului 96732 Maui	PA1	5/11/1995 High
Factory Street Lead 2003 N King St, Honolulu 96819 Oahu	SI1	4/1/1996 NFA
	ISST	3/11/1996 NFA
	PA1	2/1/1994 SI
Farrington High School 1564 N King St, Honolulu 96817 Oahu	Remedial	

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
<u>Farrington High School 1564 N King St, Honolulu 96817 Oahu</u>	ISST	6/22/1995 Low
<u>Firestone Service Center 75-5629A Palani Rd, Kailua-Kona 96740 Hawaii</u>	ISST	12/11/2001 NFA
<u>Flynn-Learner Property 120 Sand Island Access Rd, Honolulu 96819 Oahu</u>	VRP	
	Remedial	12/17/2001 VRP
	Remedial	6/30/1997 New RPM
	ISST	12/16/1994 High
	SI1	9/30/1994 NFA
	PA1	9/30/1994 High
<u>Fong Construction Petroleum Hydrocarbon Contamination-Along Hukiliki St b/w Papa Pl & Dairy Rd, Kahului Maui</u>	ISST	
<u>Former Aiea Sugar Mill 99-193 Aiea Heights Dr, Aiea Oahu</u>	VRP	
	VRP	9/30/2002 New RPM
<u>Former ARCO AM/PM #82111 2105 S King St, Honolulu 96826 Oahu</u>	Unreg UST	
<u>Former ARCO Hawaii Kai Station 6640 Hawaii Kai Dr, Honolulu 96825 Oahu</u>	Unreg UST	
<u>Former Corey's Unocal 94-303 Waipahu St, Waipahu 96797 Oahu</u>	ISST	4/7/2000 NFA
<u>Former General Tire Petroleum Contamination 505 Waiakamilo Rd, Hononlulu 96817 Oahu</u>	ISST	
<u>Former Haleiwa Canoe Club UST Closure C St, Haleiwa Oahu</u>	Unreg UST	
<u>Former Masterworks at Lihue Airport 3130 Ahukini Rd, Lihue 96766 Kauai</u>	ISST	2/22/1999 Medium
<u>Former Windward Volkswagen 725 Kailua Rd, Kailua Oahu</u>	Unreg UST	
<u>Former Ziegler Steel Site 2919 Ualena St, Honolulu 96819 Oahu</u>	ISST	4/8/1999 Low
<u>Fort Ruger Transformer 33 Diamond Head Rd, Honolulu 96816 Oahu</u>	ISST	
<u>Fred L. Waldron Feed Mill 701 N Nimitz Hwy, Honolulu 96817 Oahu</u>	Remedial	
<u>Fred L. Waldron, Ltd 91-254 Olai St, Kapolei 96701 Oahu</u>	ISST	4/15/1996 Low
<u>Garlow Petroleum UST Release 707 Kakoi St, Honolulu 96819 Oahu</u>	ISST	

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
Gaspro Inc. HID980817712 2305 Kamehameha Hwy, Honolulu 96819 Oahu	ISST	2/5/1996 NFA
	SI1	6/1/1988 NFA
	PA1	5/1/1985 Low
Glover Building 1046 Waimanu St, Honolulu 96814 Oahu	ISST	
Golden Melon Farms Kulaiwi Rd, End of Kulaiwi Rd, Waimanalo 96795 Oahu	ISST	3/26/1996 NFA
Grace Pacific Corporation 99-1300 Halawa Valley St, Aiea 96701 Oahu	ISST	
	ISST	3/19/1998 Low
GTE Hawaiian Tel - Kawaiilani Central Office (Hilo) Chlordane Release 440 W Kawaiilani St, Hilo 96720 Hawaii	ISST	
GTE Hawaiian Tel- Contaminated Soil Alakawa St & Nimitz Hwy, corner of Alakawa & Nimitz Hwy, Honolulu	ISST	
GTE Hawaiian Tel Kailua Baseyard 134 Hamakua Dr, Kailua 96734 Oahu	ISST	
GTE-Hawaiian Tel 4444 Rice St, Lihue 96766 Kauai	ISST	3/3/1999 NFA
GTE-Hawaiian Tel Employees Federal Credit Union (HTEFCU) 1138 N King St, Honolulu 96817 Oahu	ISST	4/8/1999 Low
Hagadone Printing Company Sand Island 2278 Hoonee Pl, Honolulu Oahu	Remedial	
	Remedial	5/15/2000 New RPM
Haitsuka Brothers, Ltd. 50A Sand Island Access Rd, P.O. Box 30625, Honolulu 96820 Oahu	Remedial	
Hakalau Seed Plant, Hakalau Hawaii	Unreg UST	
Hakim Properties, Inc. 861 N Nimitz Hwy, Honolulu Harbor Honolulu Harbor Pier 34, Honolulu 96817 Oahu	Remedial	
Hakimo Road Maile Hakimo Rd, Nanakuli 96792 Oahu	ISST	
	PA1	9/29/1995 NFA
Hakimo Road Open Dump 1107 Hakimo Rd & 1121 Hakimo Rd, Nanakuli Oahu	Remedial	Refer to SHWB
	PA1	9/29/1995 NFA
Hakuyosha Hawaii, Inc. 730 Sheridan St, Honolulu 96814 Oahu	ISST	
	ISST	3/3/1999 Low
	ISST	3/3/1995 Medium

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
Halawa Animal Quarantine Station 99-941 & 951 Halawa Valley St, Aiea 96701 Oahu	ISST PA1	4/12/1996 Medium 11/25/1983 NFA
Halawa Stream Channel Petroleum Contamination H-3, Beneath H-3 Oahu	ISST SI1 PA1	9/8/1998 NFA 2/18/1998 NFA 6/26/1997 Medium
Haleakala ATCBI, Haleakala National Park, Puunene 96784 Maui	ISST	4/8/1999 NFA
Halehaka Landfill Halehaka Rd, Lihue 96766 Kauai	ISST	4/29/1996 NFA
Halemaka Street/Kuntz Avenue Motor Pool (AOC KNMD-EA58) , Hickam Air Force Base, Hickam AFB 96853	ISST	1/12/1996 Low
Hall Mark Dry Cleaners 1470 Liliha St, Honolulu 96814 Oahu	ISST PA1	10/8/1998 Low 9/29/1998 Low
Hamakua Sugar Company, Inc. Ookala Fuel Station, PO Box 250, Paauilo 96776 Hawaii	ISST	
Hamakua Sugar Company, Inc.-Haina Sugar Mill (Reports) Hawaii	ISST	4/3/1998 Low
Hamakua Sugar Company, Inc.-Paauilo, PO Box 250, Paauilo 96776 Hawaii	ISST	
Hana Landfill, Hana 96713 Maui	ISST PA1	4/15/1996 NFA 5/1/1985 NFA
Hanakailio Beach Hanakailio Beach, Hauula 96717 Oahu	Removal	1/13/1989 Complete
Hanalei Landfill 5-3781 Kuhio Hwy, Hanalei 96714 Kauai	ISST SI1 PA1	4/29/1996 NFA 2/1/1985 NFA 10/1/1984 NFA
Hanua Street Fugitive Oil Hanua St, Hanua St & Komohana St, Kapolei 96707 Oahu	ISST	
Hanua Street Petroleum on Groundwater 91-209 Hanua St, Kapolei 96707 Oahu	Remedial ISST	1/24/2000 Medium
Harbor Court 66 Queen St, Honolulu 96813 Oahu	ISST	12/21/1994 NFA
Harry and Jeanette Weinberg Foundation 3660 Waiialae Ave, Suite 400, Honolulu 96816 Oahu	Remedial	

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
<u>Hatada Bakery, Former 55 Kukuau St, Hilo 96720 Hawaii</u>	ISST	6/4/1999 Medium
<u>Hawaii Baking Company 98-736 Moanalua Lp, Aiea 96701 Oahu</u>	ISST	
<u>Hawaii Fueling Facilities Corporation-Airport 3201 Aolele St, Honolulu International Airport, Honolulu 96819</u>	Remedial	
<u>Hawaii Fueling Facilities Corporation-Pier 51A, Honolulu Harbor Honolulu Harbor Pier 51A, Honolulu Oahu</u>	Remedial ISST	3/1/2000 Medium
<u>Hawaii Fueling Facilities Corporation-Sand Island Access Road 6 Sand Island Access Rd, Honolulu 96819</u>	Remedial	
<u>Hawaii Geothermal Project, 3.5 MI SE of Pahoia, Kapoho 96720 Hawaii</u>	ISST	4/15/1996 NFA
<u>Hawaii Hall Renovation Varney Circle, Manoa Campus, Honolulu 96822 Oahu</u>	ISST	
<u>Hawaii Instrumentation & Controls, Inc 822 Halekauwila St, Honolulu Oahu</u>	ISST	2/7/1997 NFA
<u>Hawaii Job Corps Center 7600 Koko Head Park Rd, Honolulu 96825 Oahu</u>	ISST	8/25/1997 Low
<u>Hawaii Kai 76 #5440 Hydraulic Hoist Removal 234 Lunalilo Home Rd, Honolulu 96825 Oahu</u>	ISST	7/5/2001 NFA
<u>Hawaii Meat 711 Middle St, Honolulu 96819 Oahu</u>	ISST ISST	5/24/1994 Medium
<u>Hawaii Mercury Kalaloe St, Honolulu 96825 Oahu</u>	ISST	
<u>Hawaii Metal Recycling Company 91-056 Hanua St, Kapolei 96707 Oahu</u>	ISST PA1	2/15/1996 High 11/5/1991 High
<u>Hawaii Metal Recycling Company Pier 35, Honolulu Harbor Honolulu Harbor Pier 35, Honolulu Oahu</u>	Remedial ISST	7/28/1994 Medium
<u>Hawaii Pest Control 56A Wiwoole St, Hilo 96720 Hawaii</u>	Remedial PA1 ISST	9/14/1999 NFA 3/3/1997 High
<u>Hawaii Project Management (HPM)/Hawaiian Western Steel, Inc. Beach Dump Kaomi Lp, Kapolei 96707 Oahu</u>	ISST ISST PA1	6/27/1997 Low 12/21/1994 Low 11/5/1991 High

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Sitelist Name and Address	Activity	End Date Results
Hawaii Raceway Park 91-201 Malakole St, Corner of Kalaeloa Blvd & Malakole St, Ewa Beach 96707 Oahu	ISST	Low
	ISST	1/9/1995 NFA
Hawaii State Hospital Generator Building 34-710 Keaahala Rd, Kaneohe 96744 Oahu	ISST	11/14/2001 NFA
Hawaii Stevedores 965 N Nimitz Hwy, P.O Box 2160, 96805, Honolulu 96817 Oahu	Remedial	
Hawaii Transfer Company, Ltd. Pier 36, Honolulu Harbor Honolulu Harbor Pier 36, Honolulu 96817 Oahu	Remedial	
	Remedial	6/2/2000 New RPM
Hawaii Wood Preserving Co. (Osmose) 356 Hanakai St, Kahului 96732 Maui	SI1	2/25/1991 NFA
	PA1	1/25/1990 Low
Hawaiian Airlines - Kona Fuel Farm Keahole Airport Rd, Kailua-Kona 96740 Hawaii	Remedial	
	ISST	6/4/1999 NFA
Hawaiian Bitumuls Paving & Precast Company-Mokuleia Farrington Hwy, Mokuleia 96826 Oahu	ISST	4/15/1996 NFA
	SI1	9/27/1995 NFA
	ISST	1/19/1995 NFA
	PA1	4/14/1993 High
Hawaiian Bitumuls Paving & Precast Company- 248 Sand Island Access Rd, Honolulu 96819 Oahu	Remedial	
	SI1	9/30/1998 NFA
	PA1	9/8/1992 High
Hawaiian Electric Co.-Kahe Generating Station 92-200 Farrington Hwy, Kapolei 96707 Oahu	ISST	8/25/1997 NFA
Hawaiian Electric Co.-Waiiau Generating Station 475 Kamehameha Hwy, Pearl City 96782 Oahu	ISST	12/29/1995 NFA
Hawaiian Electric Company (HECO)-Honolulu Generating Station 170 Ala Moana Blvd, Honolulu 96813 Oahu	Remedial	
	ISST	3/11/1996 Low
Hawaiian Electric Company (HECO)-Iwilei Tank Yard 855 N Nimitz Hwy, Honolulu 96818 Oahu	Remedial	
Hawaiian Electric Industries Lalamilo Windfarm, Kamuela Hawaii	ISST	9/8/1998 Low
	PA1	6/10/1998 Low

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Sitelist Name and Address	Activity	End Date Results
Hawaiian Eye Center 10 Mohala St, Kaunakakai Molokai	ISST	10/14/1994 Low
Hawaiian Flour Mills 703 N Nimitz Hwy, PO Box 855, Honolulu 96808 Oahu	Remedial	
Hawaiian Home Lands Waimanalo Kauholokahiki St, End of Kauholokahiki St, Waimanalo 96795 Oahu	ISST	6/5/1997 NFA
Hawaiian Home Lands-South Point, South Pt. Nr Kamalana boat ramp, Kamaoa-Puueo 96772 Hawaii	ISST	4/15/1996 NFA
	PA1	8/1/1988 NFA
	PA2	11/1/1984 Low
Hawaiian Independent Refinery, Inc. 91-325 Komohana St, Campbell Industrial Park, Kapolei 96707 Oahu	ISST	
	PA1	1/1/1987 NFA
Hawaiian Meat Packers, Campbell Industrial Park, Kapolei 96707 Oahu	ISST	
Hawaiian Memorial Park 45-425 Kamehameha Hwy, Kaneohe 96744 Oahu	ISST	1/23/2001 Refer to SHWB
Hawaiian Refractories 220 Komohana St, Kapolei Oahu	ISST	
Hawaiian Sugar Planter's Association Kunia Substation 99-193 Aiea Heights Dr, Suite 300, Aiea 96701 Oahu	Remedial	
	ISST	1/29/1996 Medium
Hawaiian Tug & Barge Corporation 705 N Nimitz Hwy, Honolulu Harbor Pier 21, Honolulu 96817 Oahu	Remedial	
Hawaiian Western Steel Dump Hanua St & Malakole Rd, Waste Pile Area, Kapolei 96707 Oahu	ISST	6/26/1997 Low
	PA2	9/8/1992 NFA
Hawaiian Western Steel, Limited 91-150 Hanua St, Plant Area, Kapolei 96707 Oahu	SI1	
	PA1	11/5/1991 High
HCDA/UH Medical School 651 Ilalo St, Honolulu 96813 Oahu	ISST	
HDC Properties Stained Soils 1015 Kapiolani Blvd, Honolulu 96813 Oahu	ISST	
HECO-Mikilua Substation Lualualei & Morser Rd, Lualualei 96792 Oahu	ISST	
Henry's Equipment Diesel Release 86-412D Lualualei Homestead Rd, Waianae 96792 Oahu	ISST	
Hertz Rent A Car, Vehicle Maintenance Facility 414 Lele St, Honolulu Oahu	ISST	4/7/2000 Low

<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
HIANG Kekaha Kekaha Rd, Kekaha 96752 Kauai	Remedial	
Hilo Arsenic Spill Site 33B Lilioukalani Ln, Hilo 96720 Hawaii	SI1	
	Remedial	8/28/1997 ISST
	ISST	8/28/1997 NFA
	ISST	11/1/1995 High
Hilo Bay Front Soccer Field Kamehameha Ave & Ponoahawai St, Hilo 96720 Hawaii	Remedial	
	PA1	2/26/1993 NFA
Hilo Coast Processing (HID066259938) 1 Mill Rd, PO Box 4190, Pepeekeo 96783 Hawaii	ISST	4/12/1996 NFA
	PA2	10/1/1988 NFA
Hilo Coast Processing Co.-Coal Ash Site 1 Mill Rd, PO Box 4190, Pepeekeo 96783 Hawaii	ISST	7/5/2001 NFA
Hilo Landfill (HID000606582) Leilani St, Hilo 96720 Hawaii	ISST	3/26/1996 Low
	SI1	2/25/1991 NFA
	PA2	2/1/1985 Low
Hilo Mechanical, Inc. 50 Holomua St, Hawaii 96720 Hawaii	ISST	3/23/1995 NFA
Hilo Quality Cleaners 865 Kinoole St, Hilo Hawaii	ISST	12/2/1996 NFA
Hilo Quality Washerette 210 Hoku St, Hilo 96720 Hawaii	Remedial	
	ISST	12/2/1996 Medium
Hilo Soda Works Tank Closure 270E Kawili St, Hilo 96720 Hawaii	ISST	7/15/1997 NFA
Hobron Avenue Area Hobron Ave, Kahului 96732 Maui	Remedial	
	Remedial	6/2/2000 New RPM
Home Depot 421 Alakawa St, Honolulu 96817 Oahu	VRP	
	Remedial	9/30/2002 New RPM
	Remedial	1/12/2001 New RPM
	Remedial	6/2/2000 New RPM

<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
Industrial Park-Lower Boat Park Soil Contamination , off Queen Kaahumanu Hwy, Kailua-Kona 96740	ISST	7/3/2001 Low
Honolulu Honokohau Community College Gas Station Dillingham Blvd, Honolulu Comm. College, Honolulu 96817	ISST	12/11/1997 Low
Honolulu Harbor, Honolulu Oahu	Remedial	
	Remedial	12/31/2001 New RPM
	Remedial	6/2/2000 New RPM
	Remedial	12/15/1999 New RPM
Honolulu Harbor Iwilei, Iwilei Oahu	Remedial	
Honolulu Harbor Iwilei Operations, Iwilei Oahu	Remedial	
Honolulu Harbor Iwilei Unit, Honolulu 96817 Oahu	Remedial	
Honolulu International Airport 300 Rodgers Blvd, Honolulu International Airport, Honolulu 96819 Oahu	ISST	2/23/1995 Medium
	SI1	4/26/1994 High
	PA1	1/9/1993 High
Honolulu Laundry 438 Kamakee St, Honolulu 96814 Oahu	ISST	
Honolulu Sake Brewery UST 2150 Booth Rd, Honolulu 96813 Oahu	ISST	6/30/1997 NFA
Honolulu Shipyard, Inc., Ewa of Pier 40, Honolulu Oahu	Remedial	
	ISST	10/29/1996 Medium
	ISST	7/6/1995 Low
	ISST	7/28/1994 Low
Honolulu Skeet Club, Kaimalino Beach, Kailua Oahu	ISST	3/25/1996 Low
	SI1	10/28/1995 Low
	PA1	4/27/1995 High
Honolulu Waterfront POL Relocation, Honolulu Oahu	Remedial	
	Remedial	6/2/2000 New RPM
Honolulu Wood Treating Co. Ltd. 91-291 Hanua St, Kapolei 96707 Oahu	ISST	2/8/1996 NFA

<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
HPM Building Supply DBA-Hawaii Wood Protection, Inc. 150 Keaa St, Hilo 96720 Hawaii	SI1 PA1	9/27/1996 NFA 7/31/1991 High
Hyatt Waikoloa 1 Waikoloa Beach Resort, Waikoloaville 96743 Hawaii	ISST	
Industrial Technology Tire Pile 87-459 Mailiili Rd, Waianae 97682 Oahu	ISST	6/11/1999 Medium
Industrial Waste Treatment and Disposal/Building 2016 (KNMD-EA09) 96818 Oahu	ISST	1/29/1996 Medium
Iolani School Petroleum 563 Kamoku St, Honolulu 96826 Oahu	ISST	
Island Movers, Inc., Honolulu Harbor Honolulu Harbor Pier 42, Honolulu 96817 Oahu	Remedial	
Island Petroleum, Inc. Wharf Rd & Beach Pl, PO Box 126, Kaunakakai 96748 Molokai	ISST	
Jackson Construction Landfill 91-891 Hananui St, North end, Ewa Beach 96706 Oahu	ISST	2/8/1996 Low
Jaymer Inc 86-363 Hale Elua St, Waianae 96792 Oahu	ISST	1/12/1996 NFA
JBL Hawaii, Limited 905 Kokea St, Honolulu 96817 Oahu	Remedial Risk Assessment	12/28/1992 Insufficient Information
JTB Overseas Development Corporation 2270 Kalakaua Ave, 12th Floor, Honolulu 96815 Oahu	Remedial	
Kahe Generating Station Hydraulic Fluid Release 92-200 Farrington Hwy, Kapolei 96707 Oahu	ISST	6/23/1997 NFA
Kahe Generating Station Kerosene Release 92-200 Farrington Hwy, Kapolei 96707 Oahu	ISST	6/27/2002 NFA
Kahuku Sugar Mill, Kahuku Oahu	Brownfields ISST	
Kahuku Wind Farm Soil Remediation, Kahuku 96731 Oahu	ISST	6/9/1998 NFA
Kahuku Wind Farm Transformer Leak, Kahuku 96731 Oahu	ISST	
Kahului Wastewater Reclamation Facility 30 Gallon Diesel Release 281 Amala Pl, Kahului 96732 Maui	ISST	2/28/2001 NFA
Kailua Corporation Yard 42-377 Kalaniana'ole Hwy, Kailua 96734 Oahu	ISST	
Kailua-Kona Landfill, Kailua-Kona 96720 Hawaii	ES1 ISST	4/29/1996 NFA

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Sitelist Name and Address	Activity	End Date Results
Kailua-Kona Landfill, Kailua-Kona 96720 Hawaii	SI2	1/12/1993 NFA
	SI1	11/5/1991 High
	PA1	12/1/1986 NFA
Kaiser Cement Corp. Waianae Pt Lualualei Access Rd, East of Farrington Hwy, Nanakuli 96792 Oahu	ISST	
	ISST	4/15/1996 High
	SI1	3/29/1991 NFA
	PA1	5/4/1990 Low
Kakaako Brownfield Project-Unit 1 Koula St, Honolulu 96814 Oahu	ISST	
Kakaako Brownfield Project-Unit 10, Honolulu 96814 Oahu	ISST	
Kakaako Brownfield Project-Unit 2 Koula St, Honolulu 96814 Oahu	ISST	
Kakaako Brownfield Project-Unit 3 Koula St, Ilalo St, Honolulu 96814 Oahu	ISST	
Kakaako Brownfield Project-Unit 4 Koula St, Honolulu 96814 Oahu	ISST	
Kakaako Brownfield Project-Unit 5 Ahui St, Honolulu 96814 Oahu	ISST	
Kakaako Brownfield Project-Unit 6 1011 Ala Moana Blvd, Ward Ave & Ahui St, Honolulu 96814 Oahu	ISST	
Kakaako Brownfield Project-Unit 7 Ahui St, Honolulu 96814 Oahu	ISST	
Kakaako Brownfield Project-Unit 8 Ahui St, Honolulu 96814 Oahu	Brownfields	
	Brownfields	1/12/2001 New RPM
Kakaako Brownfield Project-Unit 9, Honolulu 96814 Oahu	ISST	
Kakaako Improvement District 2, Kakaako Oahu	ISST	
Kakaako Improvement District 3, Honolulu Oahu	ISST	
Kakaako Improvement District 4, Honolulu Oahu	ISST	
Kakaako Improvement District 7 Kamakee Street between Queen St and Ala Moana Blvd, Kakaako Oahu	ISST	
Kakaako Improvement District Program, Kakaako Oahu	ISST	

<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
Kakaako Makai Brownfields/HCDA, Honolulu 96814 Oahu	Brownfields ISST	
Kalaeloa Cogeneration Plant 91-111 Kalaeloa Blvd, Kapolei 96707 Oahu	ISST	
Kalamaula Landfill (HID980497192) Hoawa Rd, End of Hoawa Rd, Kalamaula 96793 Molokai	ISST ES1 SI1 PA1	3/11/1996 NFA 8/13/1992 G 7/25/1991 High 5/1/1985 NFA
Kalaupapa Settlement Drum Removal, Waihanau Valley, Kalaupapa 96472 Molokai	ISST	NFA
Kalihi-Palama Bus Facility 811 Middle St, Honolulu 96819 Oahu	ISST	
Kamehameha Schools Rifle Range Lead Contamination 1887 Makuakane St, Honolulu 96817 Oahu	ISST	
Kamuela Baseyard, Kamuela Hawaii	ISST	
Kanaha Pond Industrial East Site Amala Pl, Kahului 96732 Maui	PA1 SI1 ISST	SI 9/25/2001 NFA 9/8/1998 Medium
Kanaha Pond Industrial Site, Kahului 96732 Maui	ISST SI1	Medium 9/14/1998 Medium
Kanaha Pond Industrial West Site 261 Amala Pl, Kahului 96732 Maui	PA1 SI1 ISST	SI 9/8/1998 Medium
Kaneohe Ranch 55 Kailuana Pl, Kailua 96734 Oahu	Unreg UST	
Kapaa Landfill Kapaa Quarry Road Old Kapaa Quarry Rd, Off Old Kapaa Quarry Rd, Kailua 96734 Oahu	ES1 ISST PA1	4/29/1996 NFA 1/1/1980 Low
Kapaa Landfill Opala Road Opala Rd, Kapaa 96748 Kauai	PA1	1/1/1986 NFA

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
Kapalama Incinerator 757 Kokea St, Honolulu 96817 Oahu	Remedial	
	Remedial	6/2/2000 New RPM
	SI1	5/10/1999 High
	PA1	5/10/1999 High
	Remedial	10/7/1997 New RPM
	ISST	5/2/1997 Medium
Kapalama Military Reservation, Honolulu Oahu	Remedial	
Kapiki Junk Yard 87-1683 Kapiki Rd, Maile 96792 Oahu	ISST	
Kapiolani Blvd. and Chapin Ln. Soil Contamination Kapiolani Blvd & Chapin Ln, Honolulu Oahu	ISST	
	ISST	11/14/2001 Low
Kapiolani Medical Center for Women and Children 1319 Punahou St, Honolulu 96826 Oahu	ISST	12/2/1996 NFA
Kapoho Scientific Observation Holes #1 and #2 Drilling Mud Toxicity Study, Kapoho Hawaii	ISST	
Kapolei Fuel Spill Kamokila Blvd, Kamokila Blvd between Makakilo Rd and Road I, Ewa Beach 96707 Oahu	ISST	
Ka'u Agribusiness, Herbicide Mixing Plant (HMP), PO Box 130, Pahala 96777 Hawaii	Remedial	
	ISST	1/24/2000 Medium
	ISST	4/8/1999 Medium
Kauai Agricultural Research Center (Agent Orange/Pesticide Sites), Wailua 96746 Kauai	PA1	
	ISST	10/8/1999 High
Kauai Electric-EMD Lube Oil Berm at Eleele Port Allen Generation Station 4392 Waialo Rd, Eleele 96705 Kauai	ISST	
	ISST	7/15/1997 Low
Kauai Hilton Beach Villas (Kauai Outrigger)-USTL 4331 Kauai Beach Dr, Lihue 96766 Kauai	ISST	2/3/2000 NFA
Kauai Veterans Memorial Hospital Waimea Canyon Rd, Waimea 96796 Kauai	Risk Assessment	6/26/2002 No comments
Kauai Westin 3500 Rice St, Kalapaki Stream, Kalapaki Beach, Lihue 96766 Kauai	Unreg UST	
Kaukonahua Bridge Wilikina Dr & Kaukonahua Stream Rd, Wahiawa Oahu	ISST	4/29/1996 NFA

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
Kawailani Laundromat 511 W Kawailani St, Hilo 96755 Hawaii	ISST	9/8/1998 Low
	PA1	6/15/1998 Low
Kawailoa Landfill Kawailoa Rd, Haleiwa 96712 Oahu	ISST	4/29/1996 NFA
	PA1	11/19/1984 NFA
Kawainui Marsh Kapaa Quarry Rd, Juncture of Kapaa Quarry Rd, Kailua 96734 Oahu	PA1	12/9/1994 NFA
	ISST	7/5/1994 NFA
Keaukaha Military Reservation Container Disposal, Keaukaha Military Reservation, Hilo 96720 Hawaii	Remedial	
Keehi Lagoon Hoonee PI, End of Hoonee PI to the Marina, Honolulu 96819 Oahu	PA1	4/27/1995 High
Keehi Lagoon Canoe Facility, Increment II Hoonee PI, Keehi Lagoon, Honolulu 96819 Oahu	SI1	9/25/1997 NFA
	PA1	4/27/1995 High
	ISST	11/26/1994 Medium
Kehaha Landfill (HID980370076) 6900-D Kaumualii Hwy, Kekaha 96752 Kauai	ISST	4/29/1996 NFA
	SI1	11/2/1988 NFA
	PA1	10/1/1985 NFA
Kekaha Sugar Co., Ltd. 8315 Kekaha Rd, Kekaha 96752 Kauai	SI1	
	PA1	11/15/2001 SI
	ISST	11/8/2001 High
Kekaha Sugar Co., Ltd. Former Wood Treatment Plant, Kekaha Kauai	SI1	
	PA1	
Kekaha Sugar Co., Ltd. Kekaha Sugar Mill Kauai	PA1	
	SI1	
Kekaha Sugar Co., Ltd. Seed Dipping Plant Kauai	PA1	
	SI1	
Kekaha Sugar Co., Ltd. Settling Pond Kauai	SI1	

<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
<u>Kekaha Sugar Co., Ltd. Settling Pond Kauai</u>	<u>PA1</u>	
<u>Kekaulike Diamond Head Block Revitalization 163 N Hotel St, Hotel & Kekaulike St, Honolulu 96817 Oahu</u>	<u>Unreg UST</u>	
<u>Kewalo Basin-Tuna Packers 1011 Ala Moana Blvd, Ward Ave & Ahui St, Honolulu 96814 Oahu</u>	<u>ISST</u>	
<u>Kewalo Incinerator 111 Ohe St, 709 Kelikoi St, Honolulu 96813 Oahu</u>	<u>Unreg UST</u>	
	<u>ISST</u>	
<u>Kewalo Incinerator Landfill 111 Ohe St, 709 Kelikoi St, Honolulu 96813 Oahu</u>	<u>ISST</u>	<u>1/12/1996 NFA</u>
	<u>PA1</u>	<u>3/30/1989 NFA</u>
<u>Kikiaola Beach, Kikiaola Beach, Waimea Kauai</u>	<u>Archive</u>	<u>1/23/1996 Archive</u>
<u>King Kalakaua Plaza Development, 2080 Kalakaua St, Block bounded by Kalakaua/Olohana/Kuhio/Kalanimoku, Honolulu</u>	<u>ISST</u>	
	<u>Remedial</u>	<u>6/13/1997 New RPM</u>
	<u>ISST</u>	<u>11/17/1995 Medium</u>
<u>King's Towing Amala Pl, Kahului 96732 Maui</u>	<u>PA1</u>	<u>5/17/1995 NFA</u>
<u>Kipapa and Waikakalaua FSA and Hickam POL Oahu</u>	<u>FFR</u>	<u>12/22/1995</u>
	<u>ISST</u>	<u>11/9/1995 High</u>
<u>KKON Emergency Broadcast Radio Station Nani Kapuna Dr, PO Box 845, Kealahou 96750 Hawaii</u>	<u>ISST</u>	<u>3/23/1995 NFA</u>
<u>Koele Lodge Diesel Spill, Sporting Clay @ Lodge at Koele, Lanai 96763 Lanai</u>	<u>ISST</u>	
<u>Kokee Air Force Station (HI0570096487) Kokee Rd, Situated in Kokee State Park, Waimea 96796 Kauai</u>	<u>PA1</u>	<u>10/7/1992 NFA</u>
<u>Kokee Landfill, Kokee 96766 Kauai</u>	<u>ISST</u>	<u>4/29/1996 NFA</u>
	<u>PA1</u>	<u>9/1/1984 NFA</u>
<u>Kona Airport Fire Training Area 73-200 Kupipi St, PO Box 1660, Kailua-Kona 96740 Hawaii</u>	<u>ISST</u>	
<u>Koula Street Baseyard 160 Ahui St, Honolulu 96813 Oahu</u>	<u>Brownfields</u>	
	<u>ISST</u>	<u>8/8/1997 Medium</u>
<u>KPUA Emergency Broadcast Radio Station 58 Manaolana Pl, Hilo 96720 Hawaii</u>	<u>ISST</u>	<u>12/11/1997 NFA</u>
<u>KTA/Davies Property 500 Kalaniana'ole Hwy, Hilo 96720 Hawaii</u>	<u>Remedial</u>	

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
<u>KTA/Davies Property 500 Kalaniana'ole Hwy, Hilo 96720 Hawaii</u>	<u>ISST</u>	<u>3/11/1999 Medium</u>
<u>Kualapuu Well 17, Maunaloa, Molokai 96757 Molokai</u>	<u>ISST</u>	
<u>Kukaiiau Pump System, Kukaiiau Ranch--Hamakua Coast, Kukaiiau 96764 Hawaii</u>	<u>ISST</u>	
<u>Kumumauu Canal (KNMD-SD03) Oahu</u>	<u>ISST</u>	<u>11/20/1995 Medium</u>
<u>Kunia Field Station Kunia Rd, Kunia 96759 Oahu</u>	<u>ISST</u>	<u>2/2/1995 Medium</u>
<u>Kunia Wells I 94-723 Kunia Rd, Kunia 96759 Oahu</u>	<u>SI1</u>	
	<u>ISST</u>	<u>12/21/1994 NFA</u>
	<u>PA1</u>	<u>4/1/1984 Low</u>
<u>Kunia Wells II 94-700 Kunia Rd, Kunia 96759 Oahu</u>	<u>ISST</u>	<u>12/21/1994 NFA</u>
	<u>SI1</u>	<u>1/1/1994 NFA</u>
	<u>PA1</u>	<u>4/1/1984 Low</u>
<u>Kuntz Avenue Entrance Dump Area (AOC KNMD-EA39) Kuntz Ave, Hickam Air Force Base, Hickam AFB 96853 Oahu</u>	<u>ISST</u>	<u>2/15/1996 Low</u>
<u>Kuntz Avenue Entrance Salvage Yard (AOC KNMD-EA44) Kuntz Ave, Hickam Air Force Base, Hickam AFB 96818 Oahu</u>	<u>ISST</u>	<u>2/15/1996 Low</u>
<u>Laehala Street Dumping Laehala St, Hilo Hawaii</u>	<u>ISST</u>	<u>11/4/1998 NFA</u>
<u>Lahaina Waste Water Pump Station #4 Ala Moana St, Lahaina 96761 Maui</u>	<u>ISST</u>	<u>4/10/2000 NFA</u>
<u>Laie Junkyard 55-164 Kamehameha Hwy, Laie 96762 Oahu</u>	<u>ISST</u>	<u>2/23/1995 NFA</u>
<u>Lanai Chemical Mixing Area Lanai</u>	<u>ISST</u>	<u>3/25/1996 NFA</u>
<u>Lanai Company Manele Bay Golf Course Development, PO Box L, Lanai City 96763 Lanai</u>	<u>ISST</u>	
<u>Lanai DDT Storage Tank Area Lanai</u>	<u>ISST</u>	<u>3/25/1996 NFA</u>
<u>Lanai Drum Site No. 1 Lanai</u>	<u>ISST</u>	<u>3/25/1996 NFA</u>
<u>Lanai Drum Site No. 2 Lanai</u>	<u>ISST</u>	<u>3/26/1996 NFA</u>
<u>Lanai Drum Site No. 3 Lanai</u>	<u>ISST</u>	<u>3/25/1996 NFA</u>
<u>Lanai Dump Site Lanai</u>	<u>ISST</u>	<u>3/27/1996 NFA</u>

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
<u>Lanai Dump Site Palawi Basin Lanai</u>	ISST	3/25/1996 NFA
<u>Lanai Landfill Kaunalapau Hwy, 6 miles from Lanai City on Kaunalapau Hwy, Lanai City 96763 Lanai</u>	ISST	4/29/1996 NFA
	PA1	10/1/1985 NFA
<u>Laupahoehoe High and Elementary School-Building A Kamehameha Hwy, Laupahoehoe 96767 Hawaii</u>	Unreg UST	
<u>Lawai Valley Cannery PCB in Deep Well 3580 Lauoho Rd, Lawai Valley, Lawai 96765 Kauai</u>	ISST	
<u>Leach Field, Industrial Waste Disposal AOC KNMD-EA38 Oahu</u>	ISST	4/15/1996 Medium
<u>Leaking Transformer Molokai</u>	ISST	
<u>Leeward Auto Wreckers, Inc. 91-209 Kuhela St, Ewa Beach 96706 Oahu</u>	ISST	2/12/1996 Medium
<u>Leeward Petroleum Site #L-0837 85-723 Farrington Hwy, Waianae 96792 Oahu</u>	Unreg UST	
<u>Lihue Plantation Co., Ltd. Hanamaulu Truck Shop, Hanamaulu 96766 Kauai</u>	PA1	
	SI1	
<u>Lihue Plantation Company, Ltd. 2940 Haleko Rd, Lihue 96766 Kauai</u>	PA1	
	SI1	
	ISST	11/8/2001 High
<u>Lihue Plantation Company, Ltd. Lihue Herbicide Mixing Plant Lanai</u>	SI1	
	PA1	
<u>Like Like Plaza Petroleum Contamination 745 Keeaumoku St, Honolulu 96814 Oahu</u>	ISST	10/8/1999 Low
<u>Liliha Civic Center 337 N King St, Honolulu 96817 Oahu</u>	Remedial	
<u>Lockheed Air Terminal, Inc. 3071 Aolele St, Honolulu International Airport, Honolulu 96819 Oahu</u>	Remedial	
	ISST	6/7/2000 Medium
<u>Longs Drug Stores Warehouse 2270 Hoonee Pl, Honolulu 96819 Oahu</u>	Remedial	
	ISST	2/19/1998 Medium
<u>Lot 129 Kaukamana Road, Maili 96792 Oahu</u>	ISST	3/11/1996 NFA
<u>MacFarms of Hawaii, Inc.-UST Closure 89-406 Mamalahoa Hwy, Vicinity of Milepost 86, Mamalahoa Hwy, Captain Cook 96704 Hawaii</u>	ISST	2/3/2000 NFA

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
Maili Kai Emergency Access Road Hakimo Rd, (Mauka), Waianae 96792 Oahu	Remedial ISST Remedial Remedial ISST	12/24/2001 ISST 12/24/2001 NFA 1/12/2001 New RPM 6/2/2000 New RPM 9/24/1997 Medium
Makani Landfill, Makani 96793 Maui	ISST	4/15/1996 NFA
Makapuu Fish Poisoning, Makapuu Oahu	Risk Assessment	
Malunui Avenue Oil Contamination 21 Malunui Ave, Kailua Oahu	ISST	
Managers Drive Managers Dr, Waipahu Sugar Mill, Waipahu 96797 Oahu	VRP ISST	7/15/2002 VRP LOC 11/8/2000 High
Manele Bay Boat Harbor Diesel Fuel Spill, Manele Harbor, Lanai City 96763 Lanai	ISST	7/23/1999 NFA
Manuwai Canal Storm Drainage System (KNMD-SD02) Oahu	ISST	11/9/1995 Medium
Matson Navigation Company Sand Island Access Rd, Honolulu Harbor Honolulu Harbor Pier 51B-53, Honolulu Oahu	Remedial	
Maui Business Park Oil Contamination 370 Dairy Rd, Kahului 96734 Maui	Remedial ISST	2/16/1996 Low
Maui Disposal Company Ammonia Dumping, Lahaina Maui	ISST	
Maui Land & Pineapple Co 870 Haliimaile Rd, Haliimaile 96768 Maui	PA2	11/2/1988 NFA
Maui Meat Facility-Former 601 2nd St, Kahului 96732 Maui	Remedial ISST	12/11/1998 NFA
Maui Palms Hotel UST 150 Kaahumanu Ave, Kahului 96732 Maui	ISST	11/22/1999 NFA
Maui Pesticide Haiku Site 148 W Kailua Rd, Haiku 96708 Maui	Removal	1/20/1988 Complete
Maui Pesticide Pauwela Road Site Haiku Rd & Pauwela Rd, Haiku 96708 Maui	Removal	1/20/1988 Complete
Maui Petroleum Hobron Ave, Kahului 96732 Maui	Remedial Remedial	6/2/2000 New RPM

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date</u>	<u>Results</u>
Maui Sandtorches 46 Ting Dr, Wailuku 96793 Maui	ISST	4/15/1996	NFA
Maui Shell Maui	Remedial		
	Remedial	6/2/2000	New RPM
Maui Wood Treating Co. Ltd. Mokulele Hwy, Puunene 96784 Maui	PA1	12/21/1989	NFA
Maunaolu-Smith Well, Makawao Maui	ISST		
MCBH Kaneohe Bay Building 1360, Marine Corps Base Hawaii Kaneohe Bay, Kaneohe 96863 Oahu	FFR	9/15/1995	
MCBH Kaneohe, Building 1091 Oil Transfer Area Building 1360, Marine Corps Base Hawaii Kaneohe Bay, Kaneohe 96863 Oahu	ISST	11/20/1995	Low
MCBH Kaneohe-Firebomb Mixing Area Building 1360, Marine Corps Base Hawaii Kaneohe Bay, Kaneohe 96863 Oahu	ISST	12/27/1995	Medium
MCBH Kaneohe-Skeet Shooting Range Building 1360, Marine Corps Base Hawaii Kaneohe Bay, Kaneohe 96863 Oahu	ISST	12/29/1995	Medium
	FFR	9/15/1995	
McCabe, Hamilton, & Renny Company, Ltd. 1130 N Nimitz Hwy, Suite A265, Honolulu 96817 Oahu	Remedial		
MCC-Lead Contamination from Washing Operations 310 Kaahumanu Ave, Automotive Technology Building, Kahului 96732 Maui	ISST		
McDonald's Restaurant Soil & Groundwater Contamination 2121 S King St, Honolulu 96826 Oahu	ISST		
Meadow Gold Ice Cream Plant Fuel Oil Spill 1418 Young St, Honolulu 96814 Oahu	ISST	6/27/1997	Low
Meadowgold Facility Waimea Kauai 9250 Kaunualii Hwy, Waimea 96796 Kauai	ISST	9/17/1998	Low
	PA1	8/28/1998	Low
Mid Pacific Institute Unregulated UST 2445 Kaala St, Honolulu 96822 Oahu	ISST		
Mililani Town Landfill, Honolulu 96789 Oahu	ISST	4/29/1996	NFA
	PA1	11/29/1988	NFA
Mililani Wells 1 95-1043 Ahikao St, Mililani 96789 Oahu	ISST	12/21/1994	NFA
	PA1	4/1/1984	High
	SI1	4/1/1984	High
Miyazaki Service Station 351 Rodgers Blvd, Honolulu International Airport, Honolulu 96819 Oahu	Remedial		

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
Molokai Community Service Center Kamehameha Hwy & Mohala St, NW corner of, Kaunakakai Molokai	ISST Brownfields	7/31/2000 Complete
Molokai Ranch Maunaloa Landfill (HID980497267), Maunaloa 96770 Molokai	ISST	4/29/1996 NFA
Molokai Ranch Yard, UST Removal Wharf Rd, KAUNAKAKAI 96748 Molokai	Unreg UST	
Molokai Suspect PCB Contamination Kalae Hwy, Hoolehua Molokai	Risk Assessment ISST	
Motor Imports 650 Kapiolani Blvd, Honolulu 96813 Oahu	ISST	10/8/1999 Low
Motor Pool Storm Drain (KNMD-SD04) Oahu	ISST	11/20/1995 Medium
Motorola Iolehaehae Diesel Generator Site, Iolehaehae Cinder Cone Hawaii	ISST	6/9/1998 Low
Mount Kaala Natural Area Reserve 68350 Farrington Hwy, Waialua 96791 Oahu	ISST	
Nakamura Sales & Service Site [Former] 16-541 Old Volcano Rd, Keaau 95749 Hawaii	ISST	3/3/1999 Low
Nanakuli Groundwater Contamination Paakea Rd & Lualualei Access Rd, Waianae 96792 Oahu	ISST PA1	9/25/1997 NFA
	ISST	4/15/1996 High
Napili Waste Water Pump Station #5 Lower Honoapiilani Hwy, Napili Maui	ISST	4/10/2000 NFA
Napoopoo Beach Road TMK No. 8-2-05:31 Napoopoo Beach Rd, Kealahou Hawaii	ISST	1/12/1995 NFA
National Car Rental System, Inc. North Nimitz Highway Oil Water Separator 3223 N Nimitz Hwy, Honolulu 96819 Oahu	ISST	
Naval Computer & Telecommunication Area Master Station (NCTAMS), Master Station, Eastern Pacific, Wahiawa 96786 Oahu	SI1 PA1	3/28/1991 High
		3/28/1991 High
Nawiliwili Fuel Distribution Terminal 3145 Waapa Rd, Lihue 96766 Kauai	ISST	
Nawiliwili Harbor Pier 1 Fuel Contamination, Nawiliwili Harbor Pier 1, Lihue 96766 Kauai	ISST	2/12/1996 Low
Nawiliwili Harbor Pier 2 Oil Spill, Nawiliwili Harbor Pier 2 Kauai	ISST	
Nawiliwili Harbor Pier 3 Bollard Foundation Construction Waapa Rd, Nawiliwili Harbor Pier 3, Honolulu Kauai	ISST	7/6/1995 NFA

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<u>Sitelist Name and Address Address</u>	<u>Activity</u>	<u>End Date Results</u>
Nestle USA 800 N Brand Blvd, Glendale 91203 Oahu	Remedial	
New Office Lounge 1551 Kapiolani Blvd, Honolulu 96814 Oahu	Unreg UST	
Nimitz Highway Relief Sewer 1031 Nimitz Hwy, Honolulu 96817 Oahu	Remedial	
Occidental Chem Co 2660 Waiwai Lp, Honolulu 96819 Oahu	ISST	3/11/1996 NFA
Oceanic Cable Vision Site 2669 Kilihau Street 2669 Kilihau St, Honolulu 96819 Oahu	Unreg UST	
OIL RELEASE FROM UST DISCOVERED DURING REMOVAL. 99-1100 Halawa Valley St, P.O. Box 1027, Aiea 96701 Oahu	ISST	
Old HIANG Area Contaminated Soils (KNMD-EA11) 96818 Oahu	ISST	1/29/1996 Medium
Olowalu Transfer Station (HID980497283), Olowalu 96793 Maui	ISST	4/15/1996 NFA
	PA1	4/21/1985 NFA
One Archer Lane Petroleum Contamination 801 S King St, Honolulu 96813 Oahu	ISST	
Ookala Sugar Mill Boiler UST (Report) Old Mamalahoa Hwy, Ookala 96774 Hawaii	ISST	3/4/1997 NFA
Opala Partners Diesel Release 221 Lalo Pl, Kahului Maui	ISST	1/18/2002 NFA
Oscar 2 Pier, Pearl Harbor Naval Shipyard, Pearl Harbor 96860 Oahu	ISST	8/31/1995 Medium
P & S Sanitary Hauling Inc. 87-746 Farrington Hwy, Waianae 96792 Oahu	ISST	3/25/1996 NFA
Pacific Concrete & Rock LDFL 91-402 Farrington Hwy, Ewa Beach 96706 Oahu	ISST	3/11/1996 NFA
Pacific Marine & Supply Co., Ltd., Honolulu Harbor Honolulu Harbor Piers 13 & 14, Honolulu 96817 Oahu	Remedial	
Pacific Missile Range Facility (HI6170024719) W Kaunaulii Hwy, 32 mile, P.O. Box 128, Kekaha 96752 Kauai	Remedial	
	ISST	4/29/1996 Low
Pacific Missile Range Facility DSMOA W Kaunaulii Hwy, 32 mile, P.O. Box 128, Kekaha 96752 Kauai	ISST	8/1/1995 Low
Pacific Poultry 1804 Kananui St, Honolulu 96819 Oahu	Unreg UST	
Pahe Plantation 41-724 Kaulukonu Pl, Waimanalo 96795 Oahu	ISST	3/25/1996 NFA
Pahoa Beacon Hawaii	ISST	
Pauley Petroleum, Honolulu Harbor Honolulu Harbor Pier 32/33, Honolulu Oahu	Remedial	

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Sitelist Name and Address Address	Activity	End Date Results
Pauley Petroleum, Honolulu Harbor Honolulu Harbor Pier 32/33, Honolulu Oahu	ISST	7/28/1995 Medium
Pawai Street Oil/Diesel Minor Leak 74-5603 & 74-5599 Pawai St, Kailua-Kona 96776 Hawaii	ISST	12/7/2001 Low
Pearl City Junction Kamehameha Hwy, Pearl City Oahu	ISST	8/31/1995 Medium
Pearl City Peninsula, Pearl City Oahu	ISST	3/2/1995 Medium
Pearl City Texaco 1099 Waimano Home Rd, Pearl City 96782 Oahu	ISST PA1	9/8/1998 NFA 6/17/1998 NFA
Pearl City Towing 794H Lehua Ave, Pearl City 96782 Oahu	ISST	
Pearl Harbor Naval Base, Subsurface Oil, Pearl Harbor, Pearl Harbor Oahu	ISST	Medium
Pearl Harbor Naval Complex, US Naval Station- Pearl Harbor, Pearl Harbor 96860 Oahu	SI1 PA1	8/21/1989 High 4/1/1986 Low
Pearl Harbor Sediment Study, Pearl Harbor, Pearl Harbor Oahu	ISST	3/2/1995 Medium
Pepper Industries Inc. 91-294 Kauhi St, Ewa Beach 96706 Oahu	ISST	3/11/1996 NFA
Pesticide/Herbicide Vehicle Wash Area (near Building 1220) KNMD-EA08 Oahu	ISST	4/15/1996 Low
Pesticide/Herbicide Vehicle Wash Rack AOC KNMD-EA07 Oahu	ISST	4/15/1996 Medium
Pioneer Lumber Maluokalani St, Kawaihae Hwy, Kawaihae 96743 Hawaii	ISST	
Pioneer Mill--Lahaina 380 Lahainaluna Rd, Lahaina 96761 Maui	SI1 PA1 ISST	11/14/2001 High
Polynesian Hospitality 330 Pacific St, 650 Iwilei Rd, Suite 415, Honolulu 96817 Oahu	Remedial	
Port Allen Bulk Petroleum Storage Terminal 4350 Waialo Rd, Port Allen 96716 Kauai	ISST	
Port Allen Generator Unit Number 5 4392 Waialo Rd, Eleele 96705 Kauai	ISST	
Potential Landfill (Near LF14 and LF 15) AOC KNMD-EA01 Oahu	ISST	4/15/1996 NFA
Proposed Mokuone Electrical Substation 1350 Sand Island Pkwy, Honolulu 96819 Oahu	Remedial	

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<u>Sitelist Name and Address Address</u>	<u>Activity</u>	<u>End Date Results</u>
Pukoloa Wood Treating Site (formerly Servco Pacific Inc.) 2819/2841 Pukoloa St, Honolulu 96819 Oahu	Remedial	
	SI1	7/16/1999 Low
	PA1	10/2/1997 Low
	ISST	11/15/1996 Medium
Puna Geothermal Venture (HID984469536) 14-3860 Kapoho-Pahoa Rd, P.O. Box 30, Pahoa 96778 Hawaii	ISST	4/15/1996 NFA
Punaluu Wells II Haleaha Rd, End of Haleaha Rd, Punaluu 96717 Oahu	PA1	9/29/1995 NFA
	ISST	8/31/1995 NFA
Puu Palailai Landfill 91-402 Farrington Hwy, Ewa Beach 96706 Oahu	ISST	
Puunene Airport Soil Contamination, Puunene 96784 Maui	ISST	
Queen Emmalani Tower Queen St & South St, Honolulu 96813 Oahu	Remedial	
	ISST	4/29/1996 Low
Rainbow Hauling Amala Pl, Kahului 96732 Maui	ISST	12/21/1994 Low
Red Hill Facility Oahu	ISST	Medium
Remote Location above Milolii Hawaii	ISST	
Removal of 15,000-Gallon Aboveground Storage Tank Hawaii	ISST	6/22/1999 Low
Removal of Electrical Equipment Hawaii	ISST	
Reserve Housing Tower Soil Contamination 1141 Waimanu St, Honolulu 96813 Oahu	ISST	10/25/1995 NFA
Rex Tire Diesel 1728 Kaahumanu Ave Maui	Unreg UST	
Reynolds of Hawaii 91-320 Komohana St, Kapolei 96707 Oahu	ISST	NFA
Roberts Bakery Inc. Boiler UST Removal 374 Kinoole St, Hilo 96720 Hawaii	ISST	1/7/1997 NFA
Roberts Hawaii 759 Kelikoi St, Honolulu 96814 Oahu	ISST	11/15/1996 Low
Roger's Repair Inc 1687 Kalakaua Ave, Honolulu 96826 Oahu	Remedial	
	ISST	6/4/1999 NFA

<u>Sitelist Name and Address Address</u>	<u>Activity</u>	<u>End Date Results</u>
Ross Trusts 819 Moowaa St, Honolulu Oahu	VRP Remedial Remedial	8/30/2002 VRP LOC 1/12/2001 New RPM 6/2/2000 New RPM
Royal Lahaina Resort UST Removal 2780 Kekaa Dr, Lahaina 96761 Maui	Unreg UST	
Safeway Store #207 Kaneohe Bay Sediments 46-065 Kamehameha Hwy, Southwestern corner Kamehameha Hwy & Lilipuna Rd, Kaneohe 96744 Oahu	ISST	8/30/2001 NFA
Safeway Store #207 PCB Release 46-065 Kamehameha Hwy, Southwestern corner Kamehameha Hwy & Lilipuna Rd, Kaneohe 96744 Oahu	ISST	8/30/2001 NFA
Saint Francis Medical Center, Liliha Street 2230 Liliha St, Honolulu 96817 Oahu	ISST	6/17/1998 Low
Sand Island Business Association Lot 023 AST 1020 Ulupono St, Lot 23, Honolulu 96819 Oahu	Remedial ISST	7/8/2002 NFA
Sand Island Industrial Park, Sand Island Oahu	Remedial	
Sand Island State Park Brownfields 4 Sand Island Access Rd, 1640 Sand Island Pkwy, Sand Island 96819 Oahu	Brownfields	
Sause Brothers, Honolulu Harbor Honolulu Harbor Pier 20, Honolulu 96817 Oahu	Remedial	
Schofield Barracks Tribble Rd, Schofield Barracks, Schofield Barracks 96857 Oahu	SI1 PA1	6/1/1987 Low 6/1/1987 Low
Schofield Barracks Sanitary Landfill Tribble Rd, Schofield Barracks, Schofield Barracks 96857 Oahu	SI1 PA1	8/1/1982 A 1/1/1980 Low
Schofield Barracks, NCO Academy, Building 6055 Tribble Rd, Schofield Barracks, Schofield Barracks 96857 Oahu	ISST	3/6/1995 Low
Schuman Carriage Hydraulic Fluid Release 1234 S Beratania St, Honolulu 96814 Oahu	ISST	
Scott's Plating 45-212 Kaneohe Bay Dr, Kaneohe 96744 Oahu	PA1	5/10/1995 High
Sea-Land Service Sand Island Access Rd, Honolulu Harbor Honolulu Harbor Pier 51A, Honolulu Oahu	Remedial	
Sears Auto Center PCB Contamination 275 Kahumanu Ave, #1000, Kahului Maui	ISST	
Sears Facility #1578 at Pearlridge Mall 98-180 Kamehameha Hwy, Aiea 96701 Oahu	ISST	6/7/2000 Low
Selland Construction, Inc., Kihei Base Yard 454 Ohukai Rd, Ohukai Rd Base Yard, Kihei 96753 Maui	Remedial	

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
Selland Construction, Inc., Kihei Base Yard 454 Ohukai Rd, Ohukai Rd Base Yard, Kihei 96753 Maui	ISST	7/6/1995 Low
Servco Pacific, Inc. Kalihi 2101 Auiki St, Honolulu 96819 Oahu	Remedial	
Shell Kahului Bulk Terminal 60 Hobron Ave, Kahului 96732 Maui	Remedial	
Shizuku Hamaoka Trust 3311 Sierra Dr, Honolulu 96816 Oahu	ISST	7/3/2001 Low
Shore Intermediate Maintenance Activity, Pearl Harbor 96860 Oahu	PA1	1/16/1992 NFA
Silver Crest Elderly Housing 529 Pine St, Wahiawa 96786 Oahu	ISST	2/22/1999 NFA
Smile's Auto Specialists Amala Pl, Kahului 96732 Maui	PA1	5/19/1995 NFA
Snow White Linen Solvent Contamination 312H Alamaha Pl, Kahului 96732 Maui	ISST	
Snow White Linen, Former (Report) 75-5705 Kuakini Hwy, Kailua-Kona Hawaii	ISST	11/2/1998 Low
	PA1	10/29/1998 Low
South Tributary to the Kumumau'u Canal KNMD-EA70 Oahu	ISST	4/15/1996 Medium
Sprint Lot 925 Dillingham Blvd, Honolulu 96817 Oahu	Remedial	
ST31 1046B Tank B St, Hickam Air Force Base, Hickam AFB 96853 Oahu	ISST	
Stan Shinkawa Inc 2330 Kalakaua Ave, Honolulu 96815 Oahu	ISST	3/25/1996 NFA
State of Hawaii, Department of Transportation, Harbors Division Properties Oahu	Remedial	
State Poultry Processors Facility 2132 Kaliawa St, (new) 1728 Hart, Honolulu 96813 Oahu	ISST	9/17/1998 Low
	PA1	9/1/1998 Low
Stouffer Poipu Beach Resort 2251 Poipu Rd, Koloa 96756 Kauai	Unreg UST	11/14/2001 Refer to SHWB
Sun Sun Lau Chop Suey House (Report) 1055 Kinoole St, Hilo 96720 Hawaii	Remedial	
	ISST	1/7/1997 Low
Swift Adhesives & Coatings 2847 Awaawaloa St, Honolulu 96819 Oahu	ISST	3/25/1996 NFA
Symphony Park Ward Ave & Kapiolani Blvd, Honolulu 96807 Oahu	ISST	NFA
Takamiya Property 850 Moowaa St, Honolulu 96817 Oahu	Remedial	8/8/1994 Refer to SHWB

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
<u>Tannery Site - Hawi, Halaula 96719 Hawaii</u>	ISST	4/15/1996 NFA
<u>Tesoro Hawaii Corporation, Terminal Department-Pier 34, Honolulu Harbor Honolulu Harbor Pier 34, Honolulu 96817 Oahu Remedial</u>		
<u>Tesoro Hawaii Corporation, Terminal Department-Sand Island 2 Sand Island Access Rd, Honolulu 96817 Oahu Remedial</u>		
<u>Tesoro Oil Spill NRDA/single buoy mooring Barbers Point Harbor Oil Spill 8/24/98, Barbers Point Harbor Single Bouy Mooring, Kapolei NRDA</u>		
<u>Texaco Barbers Point Sales Terminal Gasoline Spill 91-119 Hanua St, Kapolei 96707 Oahu</u>	ISST	
	ISST	4/3/1998 Medium
<u>Texaco Hilo Sales Terminal 999 Kalaniana'ole Ave, Hilo 96720 Hawaii</u>	ISST	11/8/2000 Medium
<u>Texaco Iwilei Oahu</u>	Remedial	
<u>Texaco Kalihi Oahu</u>	Remedial	
<u>Texaco Malakole Street Pipeline Excavation Malakole St, Kapolei 96707 Oahu</u>	ISST	10/8/1998 NFA
	PA1	10/6/1998 NFA
<u>Texaco Service Station #61-100-0093 87-1942 Farrington Hwy, Nanakuli 96792 Oahu</u>	ISST	Medium
<u>Texaco Terminal 91-119 Hanua St, Kapolei 96707 Oahu</u>	ISST	
	ISST	4/15/1996 Medium
<u>The Estate of Charles Shiroma (Reports) 916 Ainaola Dr, Hilo 96720 Hawaii</u>	ISST	1/6/1999 NFA
<u>The Lihue Plantation Co., Ltd. Lihue Sugar Mill Kauai</u>	PA1	
	SI1	
<u>The Lihue Plantation Co., Ltd. Seed Dipping Plant Kauai</u>	PA1	
	SI1	
<u>The Lihue Plantation Co., Ltd. Settling Pond Kauai</u>	SI1	
	PA1	
<u>The Pavillion 1925 Kalakaua Ave, Honolulu Oahu</u>	ISST	
<u>Thoht Property 636 Laumaka St, 2216 Kaluaopalea St, Honolulu 96819 Oahu</u>	ISST	12/29/1995 Low

<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
<u>Toledo Twin Pine Dairy 85-443A Waianae Valley Rd, Waianae 96792 Oahu</u>	ISST	4/4/1996 NFA
<u>Tosco Bulk Plant #0316 74-558 B Kaiwi St, Kailua-Kona 96740 Hawaii</u>	ISST	1/18/2002 Low
	ISST	12/11/1998 Medium
<u>TOSCO Bulk Plant Number 0323 76 Hobron Ave, Kahului 96732 Maui</u>	Remedial	
	ISST	3/2/1995 Medium
<u>TOSCO Corporation-Honolulu Terminal #0282 411 Pacific St, Honolulu 96817 Oahu</u>	Remedial	
<u>TOSCO Kawaihae Terminal 1 Kawaihae Rd, Kamuela 96743 Hawaii</u>	ISST	
<u>Towco - Sand Island 1350 Sand Island Pkwy, Honolulu 96819 Oahu</u>	Remedial	
	ISST	12/21/1994 Low
	PA1	10/15/1992 NFA
<u>Town Inn 248-258 N Beretania St, 1200 College Walk, Honolulu 96817 Oahu</u>	VRP	
	ISST	3/2/1995 Low
<u>Transportation Squadron Contaminated Soil (KNMD-EA06) 96818 Oahu</u>	ISST	1/29/1996 Medium
<u>Travel Plaza Transportation, LLC 818 Pine St, Honolulu 96817 Oahu</u>	Remedial	
<u>Tributary to Kumumau'u Canal, South of Old HIANG Area AOC KNMD-EA20 Oahu</u>	ISST	4/15/1996 Medium
<u>Tripler Army Medical Center 1 Jarrett White Rd, Tripler Army Medical Center, Honolulu 96819 Oahu</u>	PA1	1/16/1992 Low
<u>Tripler Army Medical Center, Building 125A 1 Jarret White Rd, Tripler Army Medical Center, Honolulu Oahu</u>	ISST	3/2/1995 Low
<u>U.S. Coast Guard Base Honolulu Area 4, Sand Island Access Rd, Honolulu 96819 Oahu</u>	PA1	
	Remedial	
<u>U.S. Coast Guard Omega Station, Haiku Valley, Kaneohe 96744 Oahu</u>	ISST	
	Remedial	6/2/2000 New RPM
	ISST	12/29/1995 Low
	PA1	9/23/1993 High
	SI1	9/23/1993 High

HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
<u>Uaukewai Diving Salvage & Fishing, Inc. Pier 21 Honolulu Harbor, 735 Bishop St, Suite 312, 96813, Honolulu 96817 Oahu</u>	<u>Remedial</u>	
<u>Unitek Environmental Service, Inc. 91-125 Kaomi Lp, Campbell Industrial Park, Kapolei 96707 Oahu</u>	<u>ISST</u>	<u>4/15/1996 NFA</u>
<u>University of Hawaii at Manoa Food Science Technology Building 1920 Edmondson Rd, Manoa Campus, Honolulu 96822 Oahu</u>	<u>Unreg UST</u>	
<u>University of Hawaii, Lower Campus, Manoa Campus Oahu</u>	<u>ISST</u>	
<u>University of Hawaii, Manoa 2444 Dole St, Manoa Campus, Honolulu 96822 Oahu</u>	<u>PA1</u>	<u>2/1/1985 NFA</u>
<u>University of Hawaii, Marine Center 1 Sand Island Access Rd, Honolulu 96819 Oahu</u>	<u>Remedial</u>	
	<u>ISST</u>	<u>10/29/1996 Low</u>
	<u>ISST</u>	<u>7/6/1995 Low</u>
<u>University of Hawaii, Waimanalo Experimental Farm, Waimanalo Experimental Farm 96795 Oahu</u>	<u>SI1</u>	<u>9/30/1996 Low</u>
<u>Up to Date Cleaners 3145 Akau Rd, Koloa Kauai</u>	<u>ISST</u>	
<u>USDA Forest Service PSW Experimental Station 1643 Kilauea Ave, at Kawili, Hilo 96720 Hawaii</u>	<u>ISST</u>	<u>4/15/1996 NFA</u>
<u>USPS Vehicle Maintenance Facility Hydraulic Fluid Spill 89 Sand Island Access Rd, Honolulu 96819 Oahu</u>	<u>Remedial</u>	
	<u>ISST</u>	<u>6/4/1999 Low</u>
<u>Valley Detroit Diesel 91-265 Kalaeloa Blvd, Campbell Industrial Park, Ewa Beach Oahu</u>	<u>Unreg UST</u>	<u>1/15/1993 NFA</u>
<u>Valley Isle Motors Leaking UST 2026 Main St, Wailuku 96793 Maui</u>	<u>Unreg UST</u>	
<u>Vector Control Branch 2611 Kilihau St, Honolulu 96819 Oahu</u>	<u>ISST</u>	<u>4/15/1996 NFA</u>
	<u>PA1</u>	<u>9/1/1984 NFA</u>
<u>Vector Control Branch Maui 54 High St, 641 Mua St., Palapala & Kahale Dr., Kahului 96793 Maui</u>	<u>ISST</u>	<u>4/25/1996 NFA</u>
	<u>PA1</u>	<u>9/1/1984 NFA</u>
<u>Village Park, Waipahu 96797 Oahu</u>	<u>ISST</u>	
<u>Vineyard Street Tank Closure 2102 Vineyard St, Wailuku 96793 Maui</u>	<u>ISST</u>	<u>12/11/1997 NFA</u>
<u>VIP Warehouse 74 Hobron Ave, Kahului 96732 Maui</u>	<u>Remedial</u>	
	<u>Remedial</u>	<u>6/2/2000 New RPM</u>

<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
Von Hamm Textiles 546 Kaaahi St, Honolulu Oahu	Remedial	
Waiakea Pond/Hawaii Cane Products Plant, Hilo 96720 Hawaii	Risk Assessment	
	ISST	12/29/1995 Medium
	SI1	3/26/1991 High
	PA1	12/13/1989 High
Waiakea Road Contaminated Soils 6890 Waiakea Rd, Kealia 96751 Kauai	ISST	
Waiakea Uka Arsenic Hawaii	Risk Assessment	5/6/2002 Complete
Waiale Ash Pile Mahalani St, Wailuku Maui	Remedial	
	ISST	8/10/2000 High
Waialua Sugar Company, Inc. Kealohanui St, PO Box 665, Waialua 96791 Oahu	PA1	
	SI1	
	ISST	11/14/2001 High
Waianae Corporation Yard 86-220 Farrington Hwy, Waianae 96792 Oahu	Unreg UST	
Waianae Landfill 572 Waianae Valley Rd, Waianae 96792 Oahu	ISST	4/15/1996 NFA
	PA1	9/1/1984 NFA
Waianae Landfill Fire 86-348 Puhawai Rd, Waianae 96792 Oahu	ISST	
Waiawa Correctional Facility Tunnel UST Removal 94-560 Kamehameha Hwy, Waipahu 96797 Oahu	ISST	
Waiawa Gulch Waihona St, Pearl City Industrial Park Installation 15080, Pearl City 96782 Oahu	PA1	
	ISST	11/20/1995 Medium
Waiawa Shaft Waihona St, End of Waihona St, Pearl City 96782 Oahu	ISST	4/15/1996 NFA
Waikapu Dump Waikapu Rd, Kahului 96732 Maui	ISST	4/29/1996 NFA
	PA1	1/1/1985 NFA
Waikiki Bazaar 2174/2190 Kalakaua Ave, Honolulu 96816 Oahu	Unreg UST	
Waikiki Sand Villa II 250 Kaiulani Ave, Honolulu Oahu	ISST	6/15/1998 Low

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
<u>Waikoloa Landfill, Waikoloa 96743 Hawaii</u>	ISST	4/29/1996 NFA
<u>Wailua Bay Reservoir Hawaii</u>	ISST	6/26/1997 NFA
<u>Wailua Bay Resort Tank Removal 3-5920 Kuhio Hwy, Kapaa 96746 Kauai</u>	ISST	6/27/1997 NFA
<u>Wailua Homestead Wells Kiowai PI, End of Kiowai PI Wailua Homesteads, Kapaa 96746 Kauai</u>	Remedial ISST	4/10/2000 High
<u>Wailuku River Hydroelectric Project, Base Yard Fueling Station, Hilo 96720 Hawaii</u>	ISST	
<u>Waimanalo Area-Wide Groundwater Contamination 41-698 Ahiki St, Waikupanaha St Between Ahiki St and Mokulama St, Waimanalo 96795</u>	SI19/30/1996	Low
	PA1	9/30/1996 Low
<u>Waimano Training School and Hospital UST Removal 2201 Waimano Home Rd, Pearl City 96782 Oahu</u>	Unreg UST	
<u>Waimea Landfill Kawaihae/Kohala Hwy, 0.4 Mile South of Kawaihae/Kohala Hwy, Waimea Hawaii</u>	ISST	10/29/1996 NFA
	PA1	12/6/1989 NFA
<u>Waimea Valley Adventure Park 59-864 Kamehameha Hwy, Haleiwa 96712 Oahu</u>	ISST	
<u>Wainaku Mill, Hilo Hawaii</u>	ISST	7/6/1995 Low
<u>Waiohinu Landfill Kaulia Rd & Hawaii Belt Rd, Waiohinu 96772 Hawaii</u>	ISST	4/29/1996 NFA
	PA1	10/29/1988 NFA
<u>Waipahu Ash Landfill 93-071 Waipahu Depot Rd, Waipahu 96797 Oahu</u>	ISST	1/29/1996 NFA
<u>Waipahu Fire Station 94-121 Leonui St, Waipahu 96797 Oahu</u>	Unreg UST	
<u>Waipahu Wells Cane Rd, Waipahu 96797 Oahu</u>	ISST	12/21/1994 NFA
	NP1	10/15/1984 Complete
	SI1	4/1/1984 High
	HR1	4/1/1984 Complete
	PA1	4/1/1984 NFA
<u>Waipio Heights Wells II 94-1014 Ka Uka Blvd, Waipahu 96797 Oahu</u>	ISST	12/21/1994 NFA
	SI1	1/1/1994 NFA

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<u>Sitelist Name and Address</u>	<u>Activity</u>	<u>End Date Results</u>
<u>Waipio Heights Wells II 94-1014 Ka Uka Blvd, Waipahu 96797 Oahu</u>	<u>PA1</u>	<u>4/1/1984 Low</u>
<u>Wash Racks/Building 2025 and Near Building 1055 (KNMD-EA22) 96818 Oahu</u>	<u>ISST</u>	<u>1/29/1996 Medium</u>
<u>Waterfront Manor 96-023 Waiawa Rd, Pearl City 96782 Oahu</u>	<u>Remedial</u>	
	<u>ISST</u>	<u>10/19/1995 Medium</u>
<u>Western Auto Store Petroleum Release 141 Haili St, Hilo 96720 Hawaii</u>	<u>ISST</u>	
<u>Weyerhaeuser 900 N Nimitz Hwy, Honolulu 96817 Oahu</u>	<u>Remedial</u>	
<u>Wiliwili and King Streets Excavation Wiliwili St & King St, Honolulu 96826 Oahu</u>	<u>ISST</u>	
<u>Windward Nissan 46-275 Kahuhipa St, Kaneohe 96744 Oahu</u>	<u>ISST</u>	<u>4/10/2000 NFA</u>
<u>Y. Hata Company, Ltd. Ilalo St & Cooke St, Honolulu 96814 Oahu</u>	<u>ISST</u>	
<u>Yacht Harbor Towers Generator 1600 Ala Moana Blvd, 1600-1650 Ala Moana Blvd, Honolulu 96815 Oahu</u>	<u>ISST</u>	<u>6/4/1999 Low</u>
<u>Yamada & Sons Trucking Diesel Spill Kawaihae Rd, Mile Marker 55, Kamuela Hawaii</u>	<u>ISST</u>	<u>6/4/1999 NFA</u>
<u>Yee Hop Property 621 Middle St, Honolulu 96819 Oahu</u>	<u>ISST</u>	
<u>Yee-Maui Terminix 283 Waiehu Beach Rd, Wailuku Maui</u>	<u>VRP</u>	
	<u>Remedial</u>	<u>9/30/2002 New RPM</u>
	<u>Remedial</u>	<u>1/12/2001 New RPM</u>
<u>Young Brothers Kahului 65 Wharf St, Kahului Harbor Pier 2, Kahului Maui</u>	<u>Unreg UST</u>	
<u>Young Brothers, Ltd. Piers 24-28, Honolulu Harbor Honolulu Harbor Piers 24-28, Honolulu Oahu</u>	<u>Remedial</u>	
<u>Young Brothers, Ltd. Piers 39, 40, Honolulu Harbor Honolulu Harbor Piers 39 & 40, Honolulu Oahu</u>	<u>Remedial</u>	
<u>Young Brothers, Pier 2, Hilo, Hilo Harbor Pier 2, Hilo 96720 Hawaii</u>	<u>ISST</u>	
<u>Zippy's 580 North Nimitz 550-580 N Nimitz Hwy, Honolulu Oahu</u>	<u>Remedial</u>	

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APPENDIX C

FY 2002

**DEPARTMENT OF HEALTH
RELEASE NOTIFICATION LOG**

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HEER Office Release Notifications

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address, City</u>	<u>Island</u>	<u>Media</u>	<u>Substances</u>	<u>Quantity</u>
<u>20010701</u> -1808	Sheen Ala Wai Harbor 571511	Honolulu 96815	Oahu	Ocean		
Large amount of diesel in harbor, source unknown. None						
<u>20010702</u> -0757	Hilo Coast Power Co.	1 Mill Rd, Pepeekeo 96783	Hawaii	Soil	Diesel Fuel High Sulfur	1400 Gallons
Small gauge, 1/4" line/pipe of diesel generator (filter) broke sometime over weekend. Spill discovered 7/2/01 @ 0200 hrs. All notifications made. Initial response: Phillip Services contracted for response.						
<u>20010703</u> -1138	Kalaeloa Harbor "DRILL 571726"	Honolulu 96818	Oahu			
SEE NRC REPORT FOR INFORMATION(S).						
<u>20010703</u> -1820	MECO SCP Release Notification, Ekolu PI	Ekolu PI,	Maui			
<u>20010705</u> -1542	USNS YUKON			Ocean	Crude Oil	
AN UNKNOWN SHEEN HAS BEEN DISCOVERED IN THE PACIFIC OCEAN						
<u>20010707</u> -0400	Air Canada Hydraulic Oil Spill	300 Rodgers Blvd, Honolulu 96819	Oahu	Concrete-Tarmac	Hydraulic Oil	75 Gallons
Ruptured hydraulic hose on a tractor. Deployed absorbent pads.						
<u>20010708</u> -1002	Ryoei 18 Diesel spill	Honolulu 96817	Oahu	Ocean	Unknown	2 Cups
Spilled out of a vessel due to overflow during fuel transfer. Booms, absorbents applied, material contained. Contractor hired. Both Honolulu Agency Inc., #538-6155, Tesoro Terminals Hawaii #547-3482 called.						
<u>20010709</u> -0000	Hypochlorite Spill	1350 Sand Island Pkwy, Honolulu 96819	Oahu	Soil	Sodium Hypochlorite	10 Gallons
Hypochlorite spill from a break in the line.						
<u>20010709</u> -0728	Honolulu Airport trash truck leak	300 Rodgers Blvd, Honolulu 96819	Oahu	Concrete	Hydraulic Oil	4 Quarts
Trash truck hydraulic arm is leaking due to unknown causes Spill contained with absorbent pads, spill secured.						
<u>20010709</u> -1406	USS Hopper DDG 70 diesel spill	Pearl Harbor 96669	Oahu	Ocean	Diesel Fuel	8 Gallons
Fuel oil spilled out of hose during refueling operations. Handling lines broke causing residual fuel in lines to spill into harbor. Material contained by permanent boom between pier and ship. Used sorbent pads to clean up spill and sheen dissipated. Product absorbed with no further report of sheen or contamination issue. Assignment end date 10/09/02 by Ed gomes						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address, City</u>	<u>Island</u>	<u>Media</u>	<u>Substances</u>	<u>Quantity</u>
<u>Incident Description</u>						
<u>20010709</u> -1534	Iroquois Lagoon Yacht Club alleged spill	5990 Gannet Ave, Ewa Beach	Oahu			
allegation of 2 x 35 gallon drums containing diesel oil to have spilled in Feb 2001. Location is by a big shed by trash bin. Complainant was told that Commodore was notified and Club was going to clean it up. Complainant has not seen any action.						
Site visit to be conducted.						
<u>20010709</u> -2332	Kaunakakai Harbor sunken vesse	Kaunakakai 96748	Molokai	Ocean	Diesel Fuel #2	
CG received report of sunken sailing vessel. Vessel discharging diesel fuel into harbor.						
Penco hired to conduct cleanup. Six 55 gal drums of recovered sorbent material is packaged. Contacted the owner.						
<u>20010710</u> -0458	Black Oil spill Fisherman's Wharf		Oahu	Ocean		
Large black oil spill coming from 2 nearby fishing boats. Kula Kai and Judy K.						
None						
<u>20010711</u> -0800	HECO Pukele Substation	2702 Myrtle St,	Oahu	Soil	Non - PCB Mineral oil	25 Gallons
A small leak at the joint (or seam) between the main transformer tak and load tap changer tank has been dripping at a very slow rate over time						
<u>20010711</u> -1120	Maui Fire Dept. - Mercury		Maui			
Package, transport and dispose of mercury received from Maui Fire Dept.						
<u>20010711</u> -1703	USCG "Walnut" Mobile DTE15M spill	Hilo 96720	Hawaii	Ocean	Mobile	10 Gallons
Material released out of Marine Crane on vessel due to hose parted. One gal into water.						
Dissipate Naturally						
<u>20010712</u> -1015	Hawaii Ffruit Fly Production Facility	41-650 Ahiki St, Waimanalo	Oahu	Soil	Unknown	10000 Gallons
Wastewater dumping onto ground as disposal practice						
Reefeal to wastewater						
Anonomous probable employee states that Kevin						
<u>20010712</u> -1122	Hawaii Fruit Fly Production Facility	41-650 Ahiki St, Waimanalo	Oahu	Soil	Unknown	10 Gallons
Wastewater dumping onto soil						
Referral to Wastewater						
Anononymous probable employee reports that usual wastewater hauler (Kevin Andrews) has inoperable truck and that facility is dumping Wastewater on ground. Waste water contains growth hormone, nutrients, live fruitfly larvae, and waste. Caller is concerned with quantity of release of 10,000gal /day and that larvae will hatch and be released to environment, as well as the BOD load. Area is designated flood zone according to caller. Also states that Andrews is rumored to dump wastewater to stream when his trucks are operable. SOSOC called Dept Agriculture re live larvae issue/ their view is that liklihood of larval survival is low and existing infestation is high so this is not a problem.						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
20010713 -1541	Residence of Ralph Saito(owner Leeward Petroleum)	84-246 Jade St, Makaha 96792	Oahu	Soil	oil, diesel fuel	> 230
petroleum storage at residence of drums and totes/ possible spill Coordinate w/ SHWB, site visit to check spill						
20010715 -0551	Spilled paint on airplane.	Honolulu 96819	Oahu	Other		
Material discovered spilled in aircraft after flight from LA to Honolulu. Continental Airlines Cargo. Sealed it back up. It was only visible leakage noticed on cargo.						
20010715 -0834	Unknown Sheen 573046	1651 Ala Moana Blvd,	Oahu	Ocean		
Unknown Sheen None						
20010716 -1157	Tesoro Hawaii Corp. Equip. Failure	91-325 Komohana St, Kapolei 96707	Oahu	Ocean	Oil & Water Mixture	1 Pints
Oil spill released from a transfer hose into the water while performing maintenance operations on some single point moorings. No action taken. 07/30/2001 Written submitted for 3 dates: 6/29, 6/30, 7/16/01. Maintenance for Single Point Mooring Hose. Cleanup was conducted by response vessel on scene. Deploying and towing sorbent sweeps through sheens. Sheen rapidly dissipated.						
20010716 -1531	Allegations of burning of treated wood		Oahu			
Referral from CAB and SHWB that treated wood was potentially being burned. Spoke with investigators who referred it to HEER Based on a conversation with Jack Liu of the CAB, the wood beside the burning pile did not appear to be treated wood. No further action at this time.						
20010716 -1745	Lahaina Diesel odor	811 Front St, Lahaina 96761	Maui	Ocean		
Strong diesel odor in Pacific Ocean. Caller can't see sheen in water. None						
20010718 -0845	Mahalani Clandestine Lab	45-203 Mahalani Cir, Kaneohe 96744	Oahu			
Clandestine drug Lab. State Manifest Document No. HIC0598-01.						
20010718 -0952	Heavy Cat Cracked Naphtha Release	91-480 Malakole St, Kapolei 96707	Oahu	Soil	Unknown	420 Gallons
Heavy Cat Cracked Naphtha Release. The HEER Office has no record of the initial verbal notification. 8/1/01 Spilled oil sucked into vacuum truck, recycled into refinery operation. Contaminated soil collected, put in roll-off containers for disposal. State, Federal regulations						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20010719</u> -1237	Fuel sprayed onto property from planes allegations of National Guard fighter jets dumping fuel over Ewa Beach Requested Bill Perry to follow up	Hanakai St, Ewa Beach	Oahu			
<u>20010720</u> -0956	Ehime Maru - Oil Release During detonation of the mast of the Ehime Maru, there was a release of oil into the water. Notification made to NRC by Pearl Cowan, US Navy, Cmdr Navy Rgn. (808)473-1277. 7/21 1344: SOS called by Pearl Cowan; suspending operations for the day. Spill from previous day has not affected wildlife. 7/23 0800: third attempt at the mast will commence at 0815.		Oahu	Ocean	Oil, Fuel 2-D	3 Gallons
<u>20010720</u> -1232	DRILL DRILL 130000 Barrel spill DRILL DRILL DRILL Failure of storage tank, material washed over berm and into lagoon. 130,000 barrel released, 32,500 barrels in water. DRILL DRILL DRILL Booms, skimmers, sorbents would be deployed. This is primarily a wildlife drill.	Honolulu 96819	Oahu	Ocean	Jet Fuel JP-8	32500 Gallons
<u>20010720</u> -1834	Sewage spill estimated >10,000 gallons reported sewage spill, > 10,000 gallons inquired if public could be affected, besides the three homes affected; response: no. Caller does not believe any surface waters affected. Referral to Wastewater.	Aalula St, Honolulu	Oahu			
<u>20010720</u> -1947	Slick from vessel leaving Honolulu Harbor Several aircraft have observed a large slick coming from vessel leaving Honolulu Harbor. None	Honolulu 96819	Oahu	Ocean		
<u>20010721</u> -0721	Thermometer broken releasing mercury broken thermometer, releasing mercury. Caller used a mercury spill kit. Caller inquired about disposal options. Assured caller that she conducted proper procedures. Disposal option: household hazardous wastes wrapped fully and encased in plastic bags can be disposed of with the regular No further action.		Oahu			
<u>20010722</u> -0946	Barge leaking Alawai ABC dock Diesel leaking from a barge at a local pier. None	Honolulu 96815	Oahu	Ocean		

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20010723</u> -1618	Odor from a storm drain - Halemoku Navy Housing Property		Oahu			
Odor from a storm drain; believed to be a pesticide Request from the Navy to flush out the storm drain - permission given. Requested them to take a sample downstream, if possible. Notified Clean Water Branch - Mike Tsuji 7/24/01: spoke with Cynthia Pang - source of the odor is from Malathion, a pesticide, leaking from a house garage. Although storm drain was flushed, no chemicals should have been released. Navy conducted the response action. No further action at this time.						
<u>20010724</u> -1435	Allegation of cans of paint being poured on	1118 & 1119 Makepono St, Honolulu	Oahu			
Site visit conducted. 7/25/01: Arrived on site at 1025. Address: between 1118 and 1119 Makepono Street. (left turn off of Sand Island Access Road). There is a sign above the entrance "Canaan Construction and Decorating". There was no one on-site. Observed: 20 x 5-gallon buckets of lacquer thinner, 1 x 5-gallon bucket of MEK, 50+ x 1-gallon cans of paint; all of the containers did not have the tops on. It appeared that the liquids were being left to evaporate and the paints to harden. Furthermore, 3 x plastic-laden boxes (estimated 5 feet wide x 10 feet long x 2 inches high) were spread out next to the containers; material was in the boxes). Referral to Hazardous Waste.						
<u>20010724</u> -1534	Disposal of plethora of chemicals - residence of Steve Young	2751-B Booth Rd, Honolulu	Oahu			
caller requesting assistance with disposal of chemicals. Picric acid removal conducted back in 1992 (Case No. 19920130-1). Requested Hazardous Waste to work with HEER. Site visit to be conducted. 7/25/01: Requested Hazardous Waste to work with HEER.						
<u>20010724</u> -1544	Sheen reporting		Oahu			
report of sheen and droplets of diesel oil, largest is 6 inches across Referral to Coast Guard						
<u>20010724</u> -1802	DRILL DRILL Diesel spill from barge DRILL	Kapolei Barge Harbor, Kapolei 96707	Oahu	Ocean	Diesel Fuel	10 Barrels
DRILL tank overfill , diesel spill from fuel tank on barge into ocean. DRILL DRILL Booms absorbents applied, cleanup underway. DRILL						
<u>20010724</u> -1830	Alleged mercury spill	99-197 Heleconia Pl, Aiea	Oahu			
alleged 1/2 pint spill of mercury in a galvanized trashcan. Instead, it was determined to be silver paint. Contacted HazMat. Determination was that the spilled material was paint in a galvanized trashcan. 7/25/01: At 1924, Paul Takamiya of the Oahu Civil Defense called via the State Hospital Dispatch to inquire about the status of the incident. No further action at this time.						
20010725-0812	Farrington Hwy & Kili Dr, 55-gallon drum	Farrington Hwy & Kili Dr, Makaha 96792	Oahu			
Caller notice a 55-gallon drum on right side of walk path, about 1/8 mile from Farrington Hwy. Drum is on its side, metal and blue color. Did not look rusty. Caller believes it was dumped recently, as he walks through the area every afternoon. Investigated on 7/25/01. 2 x 55 metal drum found. Both were empty. Both were blue sides with orange top "flammable placard.						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
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Incident Description

20010726-1205	Lihue Power Plant diesel spill	2940 Haleko Rd, Lihue 96766	Kauai		Diesel Fuel	
<p>Transfer hose connected to an 8,000 gallon tanker truck was not turned on while transferring diesel spilling 5,000 gallons Requested Kauai DHO to conduct a site visit.</p> <p>7/26/01: spoke with Lyle Tabata; they are in the process of using a vacuum tanker truck to remove fuel from the containment area. According to Robert Muse, consultant to Lihue Power Plant (Amfac Sugar Kauai) - containment unit has holes, leaks, etc. so spill area includes soil. Letter of Interest to be sent Corr log 2001-248). Telephone numbers: Lyle Tabata - (808) 245-3482, cell (808) 639-3597. Robert Muse - (808) 535-6030, cell (808) 754-5008. 7/27/01 1528: spoke with Gerald Takamura of Kauai DHO. Brewer, consultant to Amfac has excavated approximately 15 feet deep and groundwater is contaminated with diesel. Requested DHO to relay information that a workplan is needed to provide details on what their plans are and to ensure that the streams or ditches do not get impacted. 1628: spoke with Rod Yama of Kauai DHO. He was monitoring the work progress of Brewer at the site. Out of the 8,000 gallons of diesel being transferred, 4,150 gallons have been accounted for (1,960 pumped via vac truck, 1,190 went into AST, 1000 remained in tanker truck) and 3850 escaped. Excavation of 35 feet wide by 15 feet deep; water with diesel on top of water. 7/30/01 0745: Mr. Lyle Tabata was called regarding DOH not receiving a workplan and that the spill incident is considered an emergency and would like quick response action. At 0754, Bobby Muse called saying that will be working on the workplan today and will submit it today. At 1330. Bobby Muse said that the workplan will be faxed to the office. Workplan was received and reviewed. Comments were provided: 1) What about determining extent of contamination? 2) Concern that groundwater recovered via vacuum truck will be disposed of off-site - groundwater (gw) recovered could be a substantial amount, therefore, disposal could be very costly; suggestion was to put the gw through an oil/water separator first. His reply was that there is an on-site oil/water separator but it can only process 1 x 55-gallon drum-full per day. He expects to only recover around 1,000 gallons of oil/water. 7/31/01 0923 hours: Bobby Muse of Brewer called: 2 x 85 gallon drums of diesel-soaked sorbent pads were collected; collection area adjacent to the spill area, approximately 8 - 10 feet lower downgradient, currently at 10 ft. x 10 ft will be expanded to 20 ft x 10 ft x 3.5 ft deep. The diesel thickness at the collection area is about 2 inches. Unitek is expected in the afternoon to collect gw; more impacted soil will be taken to the soil management unit (SMU) which is located about 250 yards away on-site. They will be excavating delineation trenching downgradient and if free product is located, then they will recover the free product. 0950: spoke with Rod Yama: no evidence of sheen downgradient at Kalapaki or Nawiliwili Stream. Requested Rod to conduct a site visit sometime today. I may fly out to observe tomorrow, if free product is discovered at the trenching. 8/1/01: Bobby Muse (Brewer) said that they have collected 3400 gallons of diesel and water total. 8/7/01: Conducted a site visit on 8/2/01, met with Bobby Muse. Observed that there are 7 trenches dug to date, and 1 collection area. The collection area is a former UST excavation area, reported by Brewer as having a "clean closure". Previously, used oil and bagasse were used to generate power; now diesel and bagasse are used. The substance being recovered from the collection area is a darker black in color. Trench 1, located approximately 30 feet east from the collection area, appears to be the best trench to recover diesel from the spill. No sheen observed on upgradient trench (Trench 7 which is located west southwest of collection area). Trench 5, east north-east of the containment area also has diesel; trench 4, located north, northeast, has a sheen. Trench 3 located upgradient to the east, southeast of the containment area, has no sheen. Unitek is skimming the top of the perched groundwater and temporarily storing it on site in a 10,000 gallon capacity tanker. Requested Brewer to collect a sample of the substance from trench 4, since it had a different reddish color, also requested Brewer to put up safety barriers around the trenches, and to collect a sample of the water prior to determining if disposal of the separated water can be done on-site. Lastly, requested Brewer to provide updates. Brewer called on 8/4/01 at 1352 hours: collected 6000 gallons of diesel and water total, of which 1200 - 1500 gallons are diesel recovered. Brewer called on 8/5/01, 1130 hours to provide an update that Unitek has been conducting 2 rounds of recovering substance from the trenches. 8/6/01, Brewer called to say that there has been a decrease in product recovery and will allow trenches to recharge before they use the vacuum tank again tomorrow. Samples will be collected. Total of 6,000 - 7,000 gallons of diesel and water collected, of which 1500 gallons should be diesel. Brewer is planning on installing the recovery wells; I requested a workplan so that I can provide a copy of the workplan to the Remediation Section. The plan is to turn the site over to the Remediation Section. 8/8/01: Received a call from Bobby Muse (Brewer); faxed a copy of the map. Requested Closure report info: Facility I.D. 9-700691 and Leak I.D. 0100-40 - requesting UST/LUST to check their records. Also inquiring EPA about SPCC plan and to check with CWB regarding NPDES permit.</p>						
20010726-1502	Pearl Harbor Valve Chamber No. 9 diesel leak	North Rd,	Oahu	Soil	Diesel Fuel	
<p>estimated 25 gallon diesel spill from a leaky valve Notification only Incident occurred at 12:00 noon. Conducted soil excavation of 6 -7 cubic yards (est. 4 - 5 feet wide); conducted soil sampling and awaiting analysis</p>						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20010726</u> -1616	Field 413, off of Pulehu Road Hawaiian Commercial and Sugar paint cans dumped	1 Hansen Rd, Puunene 96784	Maui			
15 - 20 gallons of paint (sealed) dumped onto Field 413 Requested caller to send a written notification regarding disposal 7/30/01: Received follow-up written notification. Awaiting disposal paperwork.						
<u>20010727</u> -1622	Unknown sheen 574581	Kailua-Kona 96740	Hawaii	Ocean	Unknown	2 Gallons
Mystery sheen 1 mile off kailua-Kona. Unknown						
<u>20010731</u> -1345	Hawaiian Bitumuls Paving & Precast Company, Puuhale facility	110 Puuhale Rd, Honolulu	Oahu			
oil stains observed near waste oil tank by northeast workshop, oil stains by area of silo (which stores petroleum product) and oil stains by trench drain Received Notification only Awaiting for written report. Attorney informed SOSC that follow-up will happen.						
<u>20010731</u> -1349	Hawaiian Bitumuls Paving & Precast Company, Puunene facility	Puunene	Maui			
significant oil staining behind workshop area; significant fresh staining by a 55-gallon drum in front of workshop Received notification only						
<u>20010731</u> -1350	Hawaiian Bitumuls Paving & Precast Company Waimea Hawai'i facility	Waimea	Hawaii			
several areas of surface soil stains: by diesel above-ground storage tank (AST) which supplies electrical generator located near silo; east side of workshop area; southeast corner of paved parking area Received notification only						
<u>20010731</u> -1351	Hawaiian Bitumuls Paving & Precast Company Upper Kapaa facility	Kailua	Oahu			
staining beneath conveyor belt for moving asphalt where "Liqui Slip" or "Black Magic" was applied to chain; surface stains on concrete pad from oil leaking from air compressor; ground stainat spray rack from "Liqui Slip" or "Black Magic"; substantial free Since the containment is made of asphalt which is not impenetrable, SOSC requested that free-phase petroleum product be removed and determine source and ensure that there is no active source						
<u>20010802</u> -1500	Schofield Barracks, Bldg. 2138 - Tank removal	Bldg 2138, Wahiawa 96857	Oahu	Soil	Methylene Chloride	
Contaminated soil found during an Excavation Project - Oil Water Separator Excavated Soil						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
20010803-0717	Transformers Oil spill	94-222 Leonui St, Waipahu 96797	Oahu	Asphalt	Transformer Oil	50 Gallons
Utility pole with 3 HECO transformers fell, broke open and burned. HECO response crew cleaning up. Non PCB oil. Letter of Interest in a Release or Threatened Release.						
20010803-1525	DRILL Kahului Harbor 575346		Maui	Ocean	Diesel Fuel #2	5 Barrels
DRILL DRILL Material released out of barge at a terminal due to a busted hose. DRILL DRILL DRILL DRILL Booms, absorbents applied. Material contained, cleanup complete. DRILL DRILL						
20010806-0723	Diesel odor at Duke's Pond, Black Point	Honolulu	Oahu			
Allegation of a strong diesel smell by Duke's Pond, Black Point. Reported by Allen (373-2124) Notification only SOSC L. Galvez notified the US Coast Guard; they were already on the road responding to the same incident. No further action at this time.						
20010806-1240	Unknown cylinder - Kahakuloa, Maui		Maui	Ocean		
DLNR reported a sighting of an unknown cylinder on 8/1/01, requested Maui Fire HazMat assistance, then referring incident to HEER Office. Requesting pictures from DOCARE and requesting assistance from GasPro HazMat. Cylinder reported made out of stainless steel, 7 - 8 feet long, 3 feet in diameter, 2 valves with stainless steel, valves are bent shut. Sighted on 8/1/01 in a rocky shoreline at base of the cliff. 8/8/01: SOSC Galvez called and left a message for Officer Broddie (who was not at the office but up in the mountains) to get a picture of the cylinder to send to HEER. No call back from DLNR officer. 8/8/01: SOSC called Officer's cellular phone; no answer. USCG hired PECO. Cylinder flown to Honolulu and found to be empty.						
20010806-1821	Diesel from Ehima Maru		Oahu	Ocean	Diesel Fuel	
Caller came across material in the water while he was free diving. No action has been taken.						
20010807-1416	Alleged oil spill - Kalani and MacNeill Streets	Kalani & MacNeill Sts, Honolulu	Oahu			
Anonymous caller reported an oil spill Site visit conducted Not a reportable quantity of spill; it appeared that oil came from a vehicle leaking oil. No further action at this time.						
20010808-0935	Infectious waste - H-1 east bound, east of airport	Honolulu	Oahu			
on-ramp Report of hypodermic needles on the road. Ascertain if infectious waste or just solid waste. According to the Fire Dept., the hypodermic needles are brand-new, contained in casing. Determination has been made by SOSC that this is considered solid waste and not infectious waste and will not respond to conduct clean-up. In a telephone conversation with Sandy (State DOT) 485-6207, the road crew is on stand-by until the RP (RBM Transportation) returns to pick it up (RBM Transportation arrived on scene at 1027). No further action at this time.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
20010809 -0847	HECO Baseyard	820 Ward Ave, Honolulu 96814	Oahu	Concrete	Texaco Rando HD68 Hydraulic fluid	5 Gallons
Small leak from truck's hydraulic system						
20010810 -1315	4510 Sierra Drive	4510 Sierra Dr, Honolulu 96816	Oahu	Soil		
Neighbor put kerosene on ground and fumes are bothering her. Leaving her home. Caller called police, who with note, placed on dumper's door. Mike and I visited the site. Found mineral (source not found) spirits odors. However, no kerosene odors.						
20010813 -1014	Ulithi Lagoon WW II tanker leak	Yap	Yap	Ocean	Unknown Oil	
Hull of sinken WWII tanker cracked by typhoon. Oil leaking from hull into Ulithi Lagoon. None						
20010813 -1150	55-gallon drum by 839 Front Street	839 Front St, Lahaina	Maui			
The caller has discovered a metal 55-gallon drum containing an unknown material in the Pacific Ocean. There has been no confirmed release of any materials from the drum.						
20010814 -1203	USCG ISC - ENV. DEPT. #56507	Sand Island Access Rd, Honolulu 96819	Oahu	Water	Hydraulic Oil	10 Gallons
Material released out of vessel's hydraulic line due to a rupture when it was pressurized. Vessel Name: USCG Kukui Booms & absorbents applied and in place. Suspected RP: Richard McMillan, USCG ISC - Env. Dept., Phone # 832-3280						
20010814 -1410	USCG ISC - ENV. DEPT - 576516	Honolulu 96819	Oahu	Water	Hydraulic Oil	20 Gallons
Hydraulic hose on a bowie tender vessel ruptured causing hydraulic oil to spill into the Honolulu Harbor. Vessel Name: USCG Kukui Refer to case # 20010814-1203						
20010814 -1435	Mobile	2442 Tusitala St, Honolulu 96813	Oahu	Water	Lube Oil	12 Gallons
Material released out of a car due to the car going into the water and being submerged. SRP: Robert Mooney, 2442 Tusitala St., Hon. 96813; Phone No. 277-1152						
20010815 -1207	Tanker "Bro Caroline" JP-8 spill	Honolulu 96819	Oahu	Deck	Jet Fuel JP-8	50 Liters
JP-8 release from "Bro Caroline" during off-loading. Pressure surge in discharge line, backing material in line. Leak from stem of the 4-inch by-pass valve. Valve damaged. Container under valve to collect material. Cleaned up deck.						
20010816 -1037	Hydraulic Line ruptured	Pearl Harbor 96818	Oahu	Ocean	Hydraulic Oil	2 Cups
Hydraulic line on research platform ruptured. Hydraulic oil spill into Pearl Harbor. Booms, absorbents applied, cleanup completed.						
20010816 -1132	Board of Water Supply Construction Site	Dillingham Blvd & Kohou St, Honolulu	Oahu	Soil	Unknown (gasoline odor)	Odor
Petroleum-contaminated soil was encountered at approx. 5 feet depth during excavation of Dillingham Blvd. Groundwater was at 4 feet 9 inches and there was a petroleum hydrocarbon sheen on the water. The soil and water had a degraded gasoline odor.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20010817</u> -0746	Lahaina sheen 576865	Lahaina 96761	Maui	Ocean		
Unknown sheen. Cordoned off, no clean, DOCARE on scene.						
<u>20010818</u> -0730	Haleiwa Sheen 576938	66-105 Haleiwa Rd, Haleiwa 96712	Oahu	Ocean		
Unknown sheen sighting. None						
<u>20010820</u> -1532	Makena Fishing Vessel	87-3518 Mamahaloa Hwy, Captain Cook 96704	Hawaii	Ocean	Diesel Fuel	60 Gallons
Fishing vessel struck some rocks along side of a cliff causing diesel fuel tank to ruptur and spill into Pacific Ocean.						
<u>20010821</u> -0848	Possible oil spill	Kona 96740	Kauai	Ocean		
Fueling vessels, company spilled oil into water. None						
<u>20010821</u> -1110	Royal Kunia Home Auto Repair	94-210 Awalua Pl, Waipahu	Oahu	Soil	Waste oil paint overspray	
neighbor complaint of oil dumping and car spraying by tenant running auto repair for profit Site visit planned. Site visit planned jointly with SHWB Oil Inspectors. Neighbor says oil dumping may be on rear of property or adjacent. Tenant is Nick Buck, miliatary, who with partner takes in body repair and engine overhaul from base hobby shop as side business. Paints cars in garage. Shows no interest in problem when confronted by neighbor. Other PRP status by Royal Kunia Community Assoc (Prop Mgr is Certified Management, Doug Matos mgr / Property Mgr is Covenant Mgr Albi Mateo 688-0717/ Owner of residence is Richard and						
<u>20010822</u> -1101	44-637 Kaneohe Bay Dr, sewer odor	44-637 Kaneohe Bay Dr, Kaneohe 96734	Oahu	Soil		
Resident complains of sewage odor making house inhabitable notification to C&C Hono Sewer Dept and Dept of Health Wastewater. Residents David Clarke and Kimo Fernie complain of sewage odor extremely strong at times. They say they have gotten no response from county and that "some guys from Health Dept came and said the levels were 10 times what they should be and left". Complainant was pretty abusive to HEER Office staff on phone. SOSC visited site at 1130 am on 8/24. There was no odor at the time, and residents were not home. Site asesment and conversation with C&C Wastewater plans confirms that main line turns off Kaneohe Bay Dr at residence, goes downhill and seaward, joins with another line and runs mauka along the waters edge. C&C says there is no vent in that area, and that a leak is indicated by the odor. This is a main line and is approx 25 feet from the waters edge. No leak is seen on the surface, so the effluent may be running through the coral to the Bay. Resident was told by C&C that they didn't have the money to fix the problem.						
<u>20010822</u> -2305	Hawaiian Commercial & Sugar Co., Field 303	1 Hansen Rd, Puunene 96784	Maui	Soil & Asphalt	Hydraulic Oil	25 Gallons
Liquid release due to rupture of hydraulic line on planter. Release discovered by M. Kawika on 8/22/01 @ 10:45 pm.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>20010823</u> -0930	Makakilo Propane Cylinder	Makakilo Dr & Palalia St, Makakilo	Oahu	Drum or Other Container	Propane	20 Pounds
<p>Police Dept found Cylinder on street corner Contractor pickup of cylinder Cylinder found on street corner of residential neighborhood. HPD stoodby as HEER dispatched to pickup cylinder. Unit was half full with propane, about 3 feet high. Police report Number 01-326195.</p>						
<u>20010824</u> -1034	Keaumoku St Diesel And Paint	Keaumoku St & Wilder Ave, Hono	Oahu	soil/stream	paint /grease/ diesel	4 Gallons
<p>Fugitive paints, diesel, grease left on sidewalk. pick up the rubbish before it gets into waterway Two sites with hazmat. Keaumoku st on sidewalk over Makiki Ditch had approx two gal diesel in open bucket and 1 gal paint thinner open plus misc quarts auto paint. Waterway was three feet below. Second nearby location at Elm st near Alder and Piikoi had 3 buckets of cooking grease on sidewalk. C&C, and DLNR obfuscated on responsibility and since it was Friday the material was removed by contractor.before the weekend.</p>						
<u>20010824</u> -1500	Elm & Alder Street	Elm & Alder Sts, Oahu	Oahu			
<p>Respond, cleanup, transport & dispose of abandoned materials.</p>						
<u>20010825</u> -1235	Yellow liquid sheen in Kaanapali	2481 Kaanapali Pkwy, Kaanapali 96761	Maui	Ocean		
<p>Unknown yellow liquid substance has been floating in for past 3 hours. In front of boat "Shamrock". Fire dept has been dispatched.</p>						
<u>20010825</u> -1444	Kaneohe Marine Corps Hawaii	Kaneohe	Oahu	Concrete	Unknown	100 Gallons
<p>Defueling miscalculation on flightline Notification only At 1015 am defueling overflowed on flightline. Base cleanup. Notified HEER at 1445.</p>						
<u>20010825</u> -1830	Herbicide spill Dillingham Air Field	Mokuleia 96791	Oahu	Soil	Herbicide (Roundup)	30 Gallons
<p>Material spilled out of storage tank due to tank falling off transport vehicle. Absorbents applied, water was used to dilute contents</p>						
<u>20010826</u> -1008	Foul lingering odor Sunset Beach	58-128 Iwia Pl, Sunset Beach 96731	Oahu	Air		
<p>Foul lingering odors, discribed as "boiling old rags". Request Hazmat response, HPD.</p>						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>20010827</u> -0810	Honolulu Harbor	Honolulu	Oahu	Ocean	Oil	
fugitive sheen Verified with USCG and reporter to be sheen only Harbor pilot reports seeing long sheen in water starting near pier 18 and mouth of Nuuanu Stream. Sheen extended to bouy 8 near pier 5 and 6. Appears to be roadway runoff from rain. Sheen dissipated as vessel turned through it. USCG sent out two personnel to check source and did not see sheen.						
<u>20010827</u> -0935	Aloha Airlines Hydraulic Spill	Kahului	Maui	Storm Drain	Hydraulic Oil	14 Gallons
Airline reports hydraulic oil release on tarmac. Rain washed some to stormdrain. notification only Cargo loader broke hydraulic hose while moving. Spread oil for 400 foot strip. Heavy rain washed some to storm drain and dry wash gully.						
<u>20010827</u> -1013	Aloha Airlines - Hydraulic Oil Spill	371 Aokea Pl, Honolulu 96819	Oahu	Tarmac	Hydraulic Oil	14 Gallons
Oil spill out of truck hydraulic's lift. Truck used for cargo loading. Incident occurred at Maui Airport, Gates 11, 12, & 13.						
<u>20010829</u> -1552	Alexander & Baldwin Properties, Inc.	822 Bishop St, Honolulu 96732	Oahu	Other	Unknown	2 Each
Caller discovered 2 abandoned compressed gas cylinders. Location: Waipahu St., Waipahu. No material released.						
<u>20010831</u> -0935	Molokou III		Kauai			
Respond, cleanup, transport & dispose of abandoned paint materials, Molokou III, Pier 14, Kauai.						
<u>20010831</u> -2205	Halawa Valley Road	99-1100 Halawa Valley St, Aiea 96701	Oahu	Other		
Contacted Penco to remove barrels/drums from site.						
<u>20010901</u> -1802	Unknown sheen 578593	1741 Ala Moana Blvd,	Oahu	Ocean		
Diesel smell and sheen in water. None						
<u>20010903</u> -0145	"MS Patriot" diesel spill	96766	Kauai	Ocean	Diesel Fuel	5 Gallons
Material spilled out a vent line on fuel filter when engineer opened vent line. Booms and absorbents applied, material contained.						
<u>20010904</u> -0900	Honolulu Harbor Rapid Assessment	Honolulu	Oahu			
Supply support tent for regulatory assessment team.						
<u>20010904</u> -1300	4462 Malaai St, incident unknown	4462 Malaai St, Honolulu	Oahu			
<u>20010904</u> -1627	Kahului Airport Wetland Area	Kahului	Maui	Other	Jet Fuel A	
Strong odor detected by airport staff member makai side of runway 5. 3 areas of wetland, per Army Corp of Engr, affected; sheen observed. Suspected material to be Jet A fuel. Philips Services contracted for cleanup of area. Spill noticed on 8/30/01. No runoff into storm drain or waterway noticed. Contractors cleaning tarmac claimed they're not the source of release.						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20010905</u> -1044	Oil slick around Trimaran	Lihue 96766	Kauai	Ocean		
Tour helicopter saw a large trimaran with an oil slick around it. No action has been taken.						
<u>20010906</u> -1512	Tug waste oil spill 579052	Honolulu 96817	Oahu	Ocean	Waste oil	5 Gallons
During removal of waste oil from tug by vacuum truck, hose from truck to waste oil tank loosened and released material. 5 gal released, 3 quarts into water. Crew contained, cleaned up material on deck. Boat deployed with sorbents, captured material in water.						
<u>20010909</u> -0955	Jet Fuel spill Gate 13 579304	Honolulu 96819	Oahu	Storm Drain	Jet Fuel JP-8	25 Gallons
Release due to overfill of aircraft. Absorbents applied, clean up crew on-site. Clean up underway.						
<u>20010911</u> -1605	Cylinder Kualoa Ranch	49-561 Kamehameha Hwy, Waimanalo 96744	Oahu			
Abandoned cylinder. Contacted Penco to pick up cylinder.						
<u>20010912</u> -1407	Old Pali Rd., Abandoned Paint Materials	Old Pali Rd, 96817	Oahu	Ground		
Contractor respond, cleanup, transport & dispose of abandoned paint materials @ Old Pali Rd.						
<u>20010915</u> -0615	Package at Honolulu Airport	Honolulu	Oahu			
An abandoned package was found at Honolulu International Airport.						
<u>20010915</u> -1141	Matson leaking container	Honolulu	Oahu	Asphalt	Unknown	1 Pints
Discovery of fluid under container on a chassey. 40 ft container has corrosive 8 label on it. Hazmat team contacted, in route. Further actions to be determined.						
<u>20010915</u> -1259	Truck slid into water	Kailua Kona 96740	Hawaii	Ocean	Motor Oil	
Truck slid down boat ramp into water. Truck completely submerged, oil sheen originated from truck. Doug Taylor called for RP, #322-9912. Coast Guard deployed, absorbent pads were used to collect oil.						
<u>20010915</u> -1305	ANA 747 fuel spill	300 Rodgers Blvd, Honolulu 96819	Oahu	Tarmac	Jet Fuel JP-8	25 Gallons
ANA 747 parked at gate being refueled when hydrant head on fuel truck broke in half releasing material. Kitty litter used to quickly contain and clean up material.						
<u>20010917</u> -0816	"American Quest" spill	Honolulu 96817	Oahu	Ocean	Unknown	10 Gallons
Less than 10 gals into water. Penco on site, did cleanup.						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
20010917-0927	Island Petroleum Inc.	Wharf Rd & Beach Pl, Kaunakakai 96748	Molokai	Soil	Diesel Fuel Low Sulfur	150 Gallons
<p>The material released from a low rack pump due to the pump seal went out. Written 9/18: Mechanical seal bolt sheared off of transfer pump, while loading truck. Cleanup underway. Written 9/18: Wharf Rd & Beach Pl. Contacts have been made with local agencies and clean up and repairs are in place. Contaminated area will be removed if nessasary and replaced.</p>						
20010919-0832	Paradise Cruise Ltd. - 580211	1540 S King St, Honolulu 96826	Oahu	Water	Bilge Slops	5 Gallons
<p>Bilge oil spilled into Mamala Bay while engine room was being pumped. Penco hired for clean up. Richard Davison, Paradise Cruise Ltd, notified NRC.</p>						
20010919-1344	USS Fletcher spill	Pearl Harbor 96818	Oahu	Ocean	Jet Fuel JP-5	2 Cups
<p>During refueling, tank overflowed onto deck, into water through vent. Jeff Dixon from ship calld for RP. Cleanup completed.</p>						
20010921-1039	Sheen Kawaihae Harbor 580510	Waikoloa 96738	Hawaii	Ocean		
<p>2 sheens : #1 is 2 miles long, #2 is 3 miles long. Within half mile of shore. 2 days ago it was 4 miles out. None</p>						
20010921-1902	Sheen 2 miles off Kona Airport 580555	Kona 96740	Hawaii	Ocean		
<p>Sheen sighting. Yellowish brown, sewage odor. None</p>						
20010923-1415	Kaaawa Shoreline - Sunken Vehicle	Kaaawa 96730	Oahu	Other		
<p>Car rolled over in shallow water. Contacted Penco to remove vehicle.</p>						
20010925-1211	Refueling Truck Fuel Spill	Parking Apron Spot #2, Kapolei 96707	Oahu	Asphalt	Jet Fuel JP-4	50 Gallons
<p>Fuel spill from refueling truck due to malfunction equipment. Fuel spilled unto tarmac, concrete pad, and asphalt was cleaned up with absorbants. Spill was contained.</p>						
20010925-1409	Smit-Tak (580941)		Oahu	Ocean	Hydraulic Fluid	2.9 Liters
<p>Hydraulic fluid was inadvertently discharged from a high pressure unit into the Pacific Ocean. Ehime Maru deep water recovery site. Lt. Gregory Norfleet, USN notified of spill to HEER office. Reported approx. 13 liters of fluid spilled into the water. Ph: 474-4499</p>						
20010925-1520	Kalaeloa Airport, fuel spill		Hawaii		Fuel Oil	
<p>The caller stated there is a significant fuel spill at the airport.</p>						
20010926-1848	Hydrosafe Oil spill	Honolulu 96818	Oahu	Ocean	Hydrosafe Oil	1 Cups
<p>Material released from remotely operated vehicle operated by contractor due to it being partly severed. None, Material released 2,000 ft below surface.</p>						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
Incident Description						
<u>20010928</u> -0900	Polluted Creek near Koauka Street	98-500 Pearl One Koauka St, Aiea	Oahu	Stream		
Alleged polluted creek - shopping carts, leaves, lots of trash Referred to Clean Water Branch Referred to Clean Water Branch						
<u>20010928</u> -2156	USS Santa Fe spill 581308	Honolulu 96701	Oahu	Ocean	Hydraulic Oil	1 Cups
Spilled out of "Santa Fe" due to leak through sail weep holes. Written: 12/6/01 Residual oil in external supply piping dripped down hull and into water. Cleaned up using absorbent material. Absorbents applied, cleanup completed.						
<u>20011002</u> -0310	Bilge Slops "Nisei" 581556	Honolulu 96814	Oahu	Ocean	Bilge Slops	2 Gallons
Bilged pumped into water, left sheen on water. Pump was secured .						
<u>20011002</u> -0823	DRILL DRILL Tosco DRILL	1 Kawaihae Rd, Kamuela 96743	Hawaii	Ocean	Diesel Fuel	5 Barrels
50 barrels of low sulfur diesel. DRILL DRILL CIC mobilized						
<u>20011002</u> -1457	Glacial Acetic Acid Spill	1329 Lusitana St, Honolulu 96813	Oahu	Within Facility	Unknown	3 Ounces
Three ounces of glacial acetic acid was spilled in a carpeted area. Neutralized Material with baking soda and water.						
<u>20011003</u> -1628	Dumping at 4150 Nuuanu Pali Drive	4151 Nuuanu Pali Dr, Honolulu	Oahu			
Requested caller to verify that dumping was of hazardous substances and not just solid waste. Dumping was of solid waste, not hazardous substances. No further action at this time.						
<u>20011004</u> -1145	Abandoned boat tanks @ Pahonui (Pahounui) Drive.	Pahounui Dr,	Oahu	Other		
Abandoned boat tanks @ Pahonui (Pahounui) Drive. Contacted Penco to remove abandoned boat tanks.						
<u>20011004</u> -1352	Humpback Whale Yellow Sludge Sheen	Lahaina	Maui			
A sightseer spotted a yellow sludge-like material The sheen extended from Lahaina Harbor to Launiutoko Park.						
<u>20011004</u> -2000	Complaint against Ecofeed	Waianae 96792	Oahu			
Alleged airborne bacteria release from Ecofeed. Received complaint. Referral to Vector Control, Wastewater, Solid Waste, Air, and Dr. Linda Rosen. Notified Gary Gill. According to complainant, Ecofeed is a facility that takes food waste and turns it into animal feed. Ecofeed has received a number of complaints from the neighborhood; facility is under violation with the Department of Health. No further action.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
Incident Description						
<u>20011005</u> -1708	Mosquito Aedes sp. Caught in Punaluu	Punaluu	Hawaii			
Mosquito caught and wants to turn it over to the State. Requested caller to dump any standing water, take precautions and inform neighbors. Information to be turned over to Vector Control (called in on 10/8 0940 hours).						
<u>20011005</u> -1756	Mosquito Aedes sp. Sighting in Pearl City	1620 Anakole Pl, Pearl City	Oahu			
Mosquito seen in Pearl City area Requested caller to take precautions and sump any standing water; and talk to neighbors. Referral to Vector Control (called in on 10/8 0940)						
<u>20011006</u> -0940	Non Compliance with Covered Source Permit - odor control unit	1350 Sand Island Pkwy, Honolulu 96819	Oahu			
Sewage odors being reported. Information to be given to CAB, WWB Referral to CAB and WWB						
<u>20011006</u> -0945	Hydraulic line rupture from a Hawaiian Cement truck	91-920 Farrington Hwy, Kapolei 96707	Oahu	Storm Drain	Hydraulic Oil	15 Gallons
Hydraulic line rupture, releasing approx 5 gallons into storm drain. Total of 15 gal released. Requested Firefighter Verki to ask the RP (driver of the truck) to do the official notification. James Itokazu was the driver of the Hawaiian Cement truck. Brian de Ramos, the Concrete Superintendent, called the SOSC to give the official notification (864-7760). Written follow-up notification will be sent to HEER.						
<u>20011006</u> -0950	Floatation Clarifier Sand Island WWTP	1350 Sand Island Pkwy, Honolulu 96819	Oahu	Air		
Non compliance-covered source permit. Written notification faxed. Floatation clarifier low catalytic odor control unit. CAB issue						
<u>20011006</u> -1123	1719 Owaowa Street chemical smell	1719 Owaowa St, Honolulu	Oahu			
chmeical smell reported Caller gave the wrong phone number. State Hospital Dispatcher was able to ascertain through the HPD and HFD that the source of the smell was from pesticide application by a homeowner.						
<u>20011006</u> -1332	Kailua WWTP primary and secondary odor control units down	95 Kaneohe Bay Dr, Kailua 96734	Oahu			
Reported primary and secondary control units down due to power failure. Notification of being back on line at 1523 hours. Referral to WWB and CAB on Monday.						
<u>20011006</u> -1357	AGI 10 gallon Jet Fuel Spill	200 Rogers Pl, Honolulu 96819	Oahu	Concrete	Jet Fuel A	10 Gallons
The break away nozzle broke away and 10 gallons of Jet A spilled from a tank truck onto the ramp.						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20011007</u> -0744	Mosquito (Aedes sp.) sighting in Schofield	Tribble Rd, Schofield Barracks 96857	Oahu			
	Mosquito sighting. Requested caller to take precautions, etc. Referred to Vector Control (called in 10/8)					
<u>20011007</u> -1008	Concern with Mosquitoes with dengue virus - North Shore area		Oahu			
	Caller reported 200 acres of abandoned lot may be a place for breeding mosquitoes SOSC requested State Hospital to connect the line in order to get more information; left a message with caller. Referred to Vector Control (called in 10/8).					
<u>20011007</u> -1350	Inquiry of OSHA Approved Material		Oahu			
	Inquiry regarding OSHA approved materials. Not a HEER issue, HIOSH issue.					
<u>20011008</u> -1445	Kalihi Clan Lab. 3097 Numana Rd.	3097 Numana Rd, Kalihi 96817	Oahu			
	Respond to abandoned materials @ 3097 Numana Rd., Kalihi					
<u>20011009</u> -0821	Pier 5 Sheen at Barbors Point Harbor 582390	Kapolei 96707	Oahu	Ocean		
	An unknown sheen sight.					
<u>20011009</u> -2031	Car Battery spill on country road		Hawaii	Asphalt	Battery Acid	1 Pints
	Reported car battery spill on road. 1pint of battery acid. Used absorbent, requested disposal as solid waste.					
<u>20011009</u> -2035	Diesel Leak unknown source		Hawaii		Diesel Fuel	
	Diesel leak, determining source. Capt Yoshioka thinks Aaron Uyeno is aware of situation. Informed Mike Cripps.					
<u>20011009</u> -2040	Gas Company Propane gas line leak		Hawaii			
	Incident occurred on 10/4/01. PRP's believed to be Delima Drilling and HELCO/ Informed Mike Cripps.					
<u>20011010</u> -2045	Alaihi & Laumilo Gasoline spill	Alaihi St & Laumilo St,	Oahu	Sand	Gasoline	
	Spill on public right-of-way. 8 trash bags (50-60 lbs each). Contracted w/ Penco to dispose on 10/11/01; requested T. Corpus to do oversight since L. Galvez was on Kauai					
<u>20011011</u> -1153	Honolulu International Airport Hardstand #3 Jet A Spill		Niihau	Concrete	Jet Fuel A	39 Gallons
	First release was 25 gallons of Jet A fuel. There was a second release 20 minutes later. AGI is the company doing the refueling of Asia Pacific 747 aircraft. Spill contained. No stormdrain involved. Suspect overfilling as cause.					

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
20011012-0656	Kona Agressor, small diesel spill Residual diesel leaked out of the line following fueling.	Kailua-Kona	Oahu	Ocean	Unknown	1 Ounces
20011012-0701	Makai Diesel spill Main vessel taking on fuel, 1 ounce dropped into water. None	Kailua-Kona 96745	Hawaii	Ocean	Diesel Fuel	1 Ounces
20011012-0756	Ehime Maru Oil Release during Second Phase 10 Gallons of #2 Fuel oil was released during the second phase of the recovery operation as the sunken fishing vessel was being lifted. Recovery operations continue. Scimmers with sorbents deployed.		Oahu	Ocean	Diesel Fuel #2	10 Gallons
20011012-1223	Sheen 2-3 miles offshore 582865 Sheen of unknown origin 2 to 3 miles offshore. None		Hawaii	Ocean		
20011013-0908	921240 Hauone Street White Powder Letter White powder letter at 921240 Hauone St. Makakilo, Mat Sanders resident who called 672-9449 hm 844-6333 pager HAZMAT bagged and asked DOH HEER to pick up for Hazmat/SOSC responded to a White powder letter at 921240 Hauone St. Makakilo, Mat Sanders resident who called 672-9449 hm 844-6333 pager HAZMAT bagged and asked DOH HEER to pick up for analysis. White powder letter at 921240 Hauone St. Makakilo, Mat Sanders resident who called 672-9449 hm 844-6333 pager HAZMAT bagged and asked DOH HEER to pick up for	92-1240 Hauone St, Makakilo	Oahu	Other/U.S Postal Carriers		
20011013-0955	Airport Lihue Kauai Luggage Loading Cart White Powder Anthrax Scare SOSC Bill Perry was notified that a suspicious white powder was found on carted luggage leaving a plane. Airport personnel requested assistance in identifying the substance. The fear was the possibility that a bioterrorism agent, anthrax could be present. SOSC Bill Perry /Tricia Nagatani handled initial notification and response. SOSC Liz Galvez handled case on-scene. See attached After-action Report written by DOT-Airports-Kauai - United Airlines Luggage Incident dated 10/23/2001. No further action.	Lihue 96766	Kauai	Loading Cart and Luggage	Unknown white powder possible bioterrorism agent such as anthrax	

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address, City</u>	<u>Island</u>	<u>Media</u>	<u>Substances</u>	<u>Quantity</u>
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20011013 -1043	229 Pauohilani Place, Lanikai, Oahu, Hawaii	229 Pauohilani Pl, Lanikai	Oahu	paper/magazine	Unknown/tested for bioterrorism agent anthrax	
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Hospitals notified the after hours duty SOSC Bill Perry to respond to a potential Bioterrorism incident concerning an unknown white powder found in a magazine delivered through the US mail to a private resident.

Level B entry was performed by Hazmat. Contained the Magazine that reportedly contained an unknown white powder. Bio-terrorism agent anthrax was a potential threat so article was taken to a military lab for analysis.

White powder magazine at 229 Pauohilani Pl. Lanikai, Castle Hospital was contacted and is watching those exposed until sampling analysis results are received. HAZMAT bagged and asked DOH HEER to pick up for analysis. Lab analysis was performed at a military lab and samples were negative.

20011013 -1100	Anthrax Scare at Honolulu Air Port Post Office	3600 Aolele St, Honolulu 96820	Oahu	U.S. Postal Letters	Unknown white powder	
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Workers at the Honolulu Airport Post Office discovered a white powder coming from the boxes they received from the sir lines while sorting mail.

Roped off area surrounding the suspected contaminated white powder. Turned off the ventilation system. Sampled powder for analysis via Level B entry.

10/13 SOSC Bill Perry received a notification from State Hospital Dispatcher of a suspicious white powder discovered at the Honolulu Air Port Post Office. Bill Perry responded initially by telephone, speaking with Jason Centeio, who made the original notification. After speaking with Jason Centeio and compiling as much initial information to paint a scenario of the incident, Bill made the determination an emergency response was appropriate. Jason Centeio mentioned that he had called the FBI and they referred the case to the HEER Office to handle. Bill Perry immediately called the HEER Office contractor response team from PENCO to accompany him to the Air Port Post Office. Tricia Nagatani a second employee from the HEER Office accompanied him to the Post Office and provided administrative assistance by handling some telephone calls and gathering information such as names and addresses. Upon arrival at the Post Office, Jason Centeio came out and opened the entry gate that there was a white powder on some mail at the Air Port Post Office.

A worker had been cutting open postal boxes containing enveloped mail and noticed a white powder flying up from the box as he cut off the binding ties. When it happened again on a second box he called his supervisor over to take a look since they had been asked to report anything-suspicious mail.

Federal Postal Inspectors:

BL Dare 479-1217 and Office 423-3797

Kathy Derwey (415) 778-5900 San Francisco Military on duty at the post office:

General Sakagawa with the National Guards

Mail came in on a Delta Flight 341 from Atlanta.

Powder came in on a container cart #DPN33338 DL Delta.

The boxes of mail are being stored over night in a containment area inside locked container #AAA20775 PS.

20011013-1101	Unknown Powder Packages, Oahu		Oahu			
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Unknown powder packages reported between 10/15-17/01.

Contacted Penco to respond to various locations to pickup packages of unknown powder substance.

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
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Incident Description

20011013-1110	White powder envelop at 98380 Kaluamoi Dr.	98-380 Kaluamoi Dr, Pearl City	Oahu	paper envelope	Unknown white powder	
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Hazmat notified Bill Perry that they had responded to a white powder envelope at 98380 Kaluamoi Dr. Pearl City. After initial assessment it was determined there was no need to sample and the case was closed.

Advised to decon with a 10% bleach solution and close the case.

Hazmat notified Bill Perry that they had responded to a white powder envelope at 98380 Kaluamoi Dr. Pearl City. After initial assessment it was determined there was no need to sample and the case was closed.

20011013-1135	3341 Ala ilima Street, Salt Lake, Honolulu. Oahu White Powder Letter	3341 Alailima St, Salt Lake	Oahu	US Posted Letter/paper	Unknown	
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Hazmat was called to respond and contain the the suspected for bio terrorism agent anthrax until were available.

Hazmat was sent out for level B entry but discovered no problren existed. SOSC advised to decon the scene.

3341 Alailima St Salt Lake white powder letter HAZMAT determined no need to sample and closed case.

20011013-1451	1 Archer Lane, Honolulu, White Powder-Anthrax Scare	801 S King St, Honolulu 96813	Oahu	Powder in US post marked envelope	Unknown white powder possibly containing a bioterrorism agent anthrax	
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SOSC Bill Perry responded assessing a white powder at 1 Archer Lane after a reported 42 had possiblily been exposed to a potential bioterrorism agent anthrax. The powder as discovered in an envelope marked Astrarza Co. was sampled and taken for analysis.

SOSC went to scene and assessed the situation. Hazmat grabbed a sample to analyze. Decon procedures were taken to protect the public.The 42 people on site who had been potentially exposed were directed to get medical observation pending sampling results.

Location 1 Archer Lane white powder in envelope marked ASTARAZA Co. two people exposed initially then a reported 42 people are in isolation pending analysis of powder.

HAZMAT asked DOH HEER to analyze substance.

20011013-1604	88 Piikoi Hawaiki Tower 2nd Floor Parking Area Unknown Gray Powder Suspected Bioterrorism Agent Anthrax	88 Piikoi St, Honolulu Oahu	Oahu			
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SOSC Bill Perry was notified by EOC that Hazmat requested a lab analysis for a sample they had taken suspected of being a bioterrorism agent anthrax. Bill Perry had the sample picked up and delivered to the UH Lab for chemical analysis

SOSC assessed, determined unknown substance should be analyzed for chemicals at the UH Lab. SOSC asked contractors Penco to come pick up sample and take it to the UH lab for analysis. Initiated decon procedures.

Lionel Camara FD telephoned from EOC HAZMAT has packed a sample for pick up Call back Shaw Sujii with results 529-3911 dispatch or 352-1113 cell 88 Piikoi Hawaiki Tower 2nd floor parking area 527-6334 DOH had the sample pickup from Hazmat and sent to the UH Lab for analysis

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
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Incident Description

<u>20011013</u> -1636	943 Kainui Drive White Powdered Luggage	943 Kainui Dr, Honolulu Oahu	Oahu	Suit Case	Unknown White Powder found of Luggage	
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Hospitals 24 Hour Hot contacted SOSC Bill Perry concerning an unknown white powder was discovered on his luggage at Honolulu Airport. Bill Perry asked HEER contractor's Penco to pick up a sample and take it to UH lab for analysis.

Because the incident was a possible act of bioterrorism, the Anthrax Scare, had sample taken & analyzed by DOH lab. Deconed where possible. Advised exposed individual to wash himself and clothing with hot soapy water.

Jerry Tom/Hospitals called to reported: a passenger got off an airplane in Honolulu and discovered a white powder on his luggage and was concerned. DOH had suitcase picked up by contractor PENCO and delivered to UH lab for analysis on 10/14. Samples will be analyzed on 10/15. Call back Jerry Tom from Airports who was the passenger's original contact 836-6434. 10/14 9:10am Call back Lt. Makua FD #4 dispatcher with results 523-4412.

<u>20011013</u> -1707	Honolulu International Airport, Lobby 8, United Airlines Ticketing Area Potential Bioterrorism Act with release of white powder to the floor	Honolulu Oahu	Oahu	Concrete	Unknown white powder possibly anthrax	
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United Airlines notified SOSC Bill Perry of a white powder release at the Honolulu International Airport. The powder was scattered out onto the Airport Lobby floor . Staff noticed it afthe the plane was boarded.

SOSC to airport with entry team, to get samples. They took 9 samples three from each area where powder was scattered. SOSC oversaw the entry team & photographed the entry scene. Samples taken to the DOH Lab

Lobby 8 United Airlines, Jerry Tom (306-4138) called DOH to do an entry and sample at three locations near the United ticket desk. After a flight left for Japan they discovers powdered substances on the floor and coned the area off.

DOH performed an entry and took samples to the UH lab for analysis

10/14 Analysis results that all the collected samples (9) were fatty acids and citric acid (candy). The case was referred EOC to follow up with Jerry Tom on 10/14. On 10/15 DOH was called again concerning samples and confirmed that the substance was not harmful even edible. The case was closed 10/15.

<u>20011014</u> -1111	Ford Credit Company's Fear of Anthrax Poisoning	Honolulu	Oahu		Unknown white powder	
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After hours duty SOSC received a call from 24 Hr. EM Line on 10/14/01 requesting information/response re: Anthrax Scare at Ford Motors. A white powder had been found at Ford Motors and the building was closed.

SOSC phoned Hazmat for response & decon as determined necessary and appropriate for the specific incident.

10/14 12:15 Hospitals called SOSC Bill Perry to report:

Ford Motors was closed for an Anthrax scare/suspect white powder. Mr. Walter Lawson 262-6705 from the Ford Credit Co. wanted DOH to do a sweep of their mail room. SOSC phoned Hazmat for response & decon as determined for specific incident. Unknown white powder (Anthrax scare) found. Telephoned Mr. Walter Lawson of Ford Credit Co. re: his request that DOH sweep the building before reopening. SOSC assisted & NFA'd.

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20011015</u> -0815	Unknown White Powdery Substance	3230 Kapule Hwy, Lihue 96766	Kauai			
Unknown white powdery substance from a box. Sack that contained box was shaken in the facility. Provided technical assistance. Sample taken, contained in ziploc bag & sample to be sent to SLD. People in contact decontaminated; facility closed until 10/19. US Postal Service chose to re-open facility prior to analytical results.						
<u>20011015</u> -0904	Stairwell at Sunspree unknown white powdery substance	3-5920 Kuhio Hwy, Kapaa 96746	Kauai			
Provided technical assistance. KFD decontaminated.						
<u>20011015</u> -0910	Unknown substance on door handles	4180 Rice St, Lihue 96766	Kauai	Door handles.		
Unknown substance on door handles. Provided technical assistance. Decontaminated door handles. (Kauai FD.)						
<u>20011015</u> -0920	Unknown white powdery substance	4-1101 Kuhio Hwy, Kapaa 96746	Kauai			
Brownish to whitish substance, (powdery), came out of a package. Package verified as legitimate.						
<u>20011015</u> -0930	Envelope contained white powdery substance	2970 Haleko Rd, Lihue 96766	Kauai			
Envelope opened, contained white powdery substance. Soap & water decontamination. Sample taken, facility remained closed until analytical results received.						
<u>20011015</u> -1332	Alleged material in milk carton	3600 Aolele St, Honolulu 96820	Oahu			
Alleged meat in milk. Found in a milk carton that was brought from a vending machine. Referral to Sanitation Branch.						
<u>20011015</u> -1540	HECO Transformer Stolen	91-925 Fort Weaver Rd, Ewa	Oahu	Concrete	Transformer Oil	210 Gallons
The transformer was stolen. Non PCB oil was released to soil in the concrete vault, 210 gal. PRP Sampled and cleaned up.						
<u>20011015</u> -1831	Ehime Maru 3 Gallon Diesel Release		Oahu	Ocean	Diesel Fuel	3 Gallons
The material was released due to moving the vessel and the recovery operations.						
<u>20011016</u> -1009	Alleged dumping back by wooded area	Puhi Rd & Hanalima St, Lihue	Kauai	Soil		
Alleged dumping Puhi Industrial Center, back towards wooded area. By tree line is a former old road. Follow the road, should see stained soil, scrap metal, inc. Request Kauai DHO to conduct a reconnaissance. Request made on 11/21/01. About 10:00 Gerald Takamura, Kauai DHO said tht it appears that SWO has the lead; with a consent decree with the RP. Edgar Salire is POC for SWO. Referred to SW 1/7/02.						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20011016</u> -1433	White powder from magazine	Princeville	Kauai			
White powdery substance out of opened magazine. Verified mail as legitimate.						
<u>20011017</u> -1312	White Powdery substance	100 Holomoana St, Honolulu 96815	Oahu			
Unknown white powdery substance found by railing in parking lot of hotel. HFD decontaminated. SOSC determined that it was not a credible threat and requested Hawaii Prince to ensure that package gets incinerated, (Eric Bernal, Director of Security).						
<u>20011017</u> -1337	White powder--Calcium Hydroxide on pallets.	972 Queen St/510 Cummings St, Honolulu 96814	Oahu			
Produce distribution warehouse, plastic in between double-layer pallet contained powdery substance. Sample taken by HFD. Sample analyzed, not a credible threat. Requested owner Bob MacDonald (591-8955) to investigate where pallets obtained. Determined that white powdery substance is Calcium Hydroxide, a dessicant for apple shipment.						
<u>20011017</u> -1508	Fed Ex boxes with white powdery substance	2080 Kalakaua St, Honolulu	Oahu			
Fed Ex boxes (36 total), one was opened and released white powdery substance. Sample taken by HFD analyzed by SLD. Determined not to contain B. Anthracis.						
<u>20011017</u> -1630	Unknown Powdery white substance		Kauai			
Mailbox had white powdery substance. Determined not to be a credible threat. Ants were attracted to the substance.						
<u>20011017</u> -1730	Bank of Hawaii Princeville	Hanalei Plantation Rd, Princeville	Kauai			
Unknown substance on a table. Address: Hanalei Plantation Road. Determined not to be a credible threat. Review of video revealed that someone was eating & may have dropped the substance.						
20011018-1056	Honokaa Supermarket Sodium Hydroxide Spill	Honokaa	Hawaii		Sodium Hydroxide	
Two (2) tofu containers size spill of Sodium Hydroxide. Assisted by providing technical assistance.						
<u>20011019</u> -1022	Diesel release Kauai Electric transformer spill	1477 Kuhio Hwy, Kapaa 96746	Kauai	sidewalk, street	Non PCB Transformer Oil	10 Gallons
Traffic accident which knocked down a utility pole containing transformer. Sheen reported Moakea Canal estimated : 192 ft. long, 1.5 ft wide. Kauai Fire applied sorbent pads. DOT continued applying sorbent pads. "Failure to Report Hazardous Material Spill" letter sent. 10/19/01 written: contaminated asphalt has been cleaned. Letter of interest sent. Failure To Notify letter sent 10/25/01, (corr log 01-348 LG). Written response 11/23/01: Non PCB oil, clean up completed 10/13/01 am. Rainy weather may have added residual oil to drainage system.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
20011023-0922	Mountain View Suspicious Letter	Mountain View, Mountain View	Hawaii			
Letter reported suspicious. Determined not to be a credible threat.						
20011023-1126	White powdery substance in resume letter	925 Bethel St, Honolulu 96813	Oahu			
Letter opened 10/22/01; reported to have a funny feel to it. They reported it to 911. HFD used BTA twice tested positive presumptive; 75-100 people sheltered in place. Sample taken to Navy lab, results negative. Letter was a resume from Saudi Arabia. Determined not to be a credible threat.						
20011023-1250	Resume from Saudi Arabia	1164 Bishop St, Honolulu 96813	Oahu			
Letter opened, resume, (unsolicited), from Saudi Arabia, (same sender as case no. 20011023-1126). After results were obtained from Navy lab for 20011023-1126. Not determined to be a credible threat.						
20011023-1300	Unopened suspicious letter	Honolulu	Oahu			
Sealed envelope that Queen's wanted opened and tested. Suspicious that it is from Florida. Queens wanted a rush because they are a big trauma hospital. SOSC did not want to give sealed envelope a high priority. Letter to be opened by SLD. SLD determined that there was no powder and that it was not a credible threat.						
20011023-1400	Opening letter caused sore throat and nausea	1314 S King St, Honolulu 96814	Oahu			
Letter opened causing sore throat and nausea. Samples taken, analysis by SLD. No B. Anthracis isolated.						
20011023-1500	Letter at Bethel	Bethel St, Honolulu	Oahu			
A suspicious resume was received at a company on Bethel Street.						
20011024-1200	Sheen # 584228	Lahaina	Maui	Water		
Caller reported unknown sheen.						
20011024-1330	Powdery white substance	3656 Waokanaka St, Honolulu 96817	Oahu			
Opened letter, experiencing tingling to throat and burning sensation two day later. No B. Anthracis isolated.						
20011024-1407	Guzzler Hydraulic Fluid Spill	170 Ala Moana Blvd, Honolulu 96813	Oahu	Ocean	Hydraulic Fluid	10 Gallons
While cleaning up a tunnel, the guzzler, which cleans up debris, lost a cap and spilled hydraulic fluid. The hydraulic fluid caused a sheen at Pier 6 Honolulu Harbor.						
20011024-1620	Powdery white substance 23rd floor	469 Ena Rd, Honolulu 96815	Oahu			
Suspicious letter. Determined that invitation is legitimate. Not a credible threat.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20011024</u> -1730	Powdery substance in trash can White substance reported in trash can. Determined not to be a credible threat.	2707 Pamoia Rd, Honolulu 96822	Niihau			
<u>20011025</u> -1412	Hono Kohu Marina Diesel fuel spill due to equipment failure.	Kailua	Hawaii	Ocean	Diesel Fuel	20 Gallons
<u>20011026</u> -2225	Barge Holokai Hydraulic Oil spill 584469 Material spilled out of Hydraulic unit on barge Holokai due to burst line. Happened at Pier 20. Booms, absorbents applied, material contained. Smith Maritime call NRC.	Honolulu	Oahu	Ocean	Hydraulic Oil	1 Quarts
<u>20011029</u> -1141	Chevron Refinery September 25, 2001, 122 gallons crude oil spill On September 25, 2001 approximately 122 gallons of crude oil was released from a condensate line from Tank 107 in the Blending and Shipping area.	91-480 Malakole St, Kapolei 96707	Oahu	Coral	Crude Oil	122 Gallons
<u>20011029</u> -1142	Chevron Refinery September 26, 2001, 184 gallons crude oil spill On September 26, 2002 approximately 184 gallons was released as the system was being flushed and returned to service. A relief valve on the condensate vessel overpressured releasing crude oil to coral.	91-480 Malakole St, Kapolei 96707	Oahu	Coral	Crude Oil	184 Gallons
<u>20011029</u> -1420	500 Kahelu Street, AT&T Wireless Building White Powder Suspected BioTerrorism agent Anthrax Bill Perry responded to Hazmats request to test a sample of white powder for bioterrorism agent anthrax. Sample was picked up and analyzed. SOSC Bill Perry on scene with Penco contractors and hazmat at the AFF Wireless building in Wahiawa. Possibility of exposure to bioterrorism agent anthrax. Because of this a sample was taken in for testing as determined by SOSC Bill Perry 500 Kahelu St AT&T Wireless Bldg. Wahiawa HAZMAT asked DOH HEER to pick up for analysis.	500 Kahelu Ave, Mililani 96789	Oahu	Other	Unknown, suspect to be bioterrorism agent anthrax	
<u>20011029</u> -1427	M/V CSX Reliance Spill 584612 Material released from fuel lines on a container ship during bunkering operations. 11/1/01 Written 30-40 gals, Booms, absorbents applied, material contained. Contractor has been hired, PENCO.	Honolulu 96819	Oahu	Ocean	Bunker C	1 Barrels
<u>20011030</u> -1230	Yellowish goo in letter Opened letter with yellowish goo. 10 people came in contact. None exhibiting any symptoms Sample taken, SLD did not analyse. Not a credible threat.	1481 S King St, Honolulu 96814	Oahu			
<u>20011030</u> -1410	Transformer Leak at 15-2743 O'opu Street Tree fell onto utility pole, knocking pole-attached transformer to the ground. Impact caused transformer to release its oil charge. Grass and brush immediately adjacent to pole affected. Written report received 11/21/01.	15-2743 Oopu St, Puna	Hawaii	Soil	Transformer Oil	27 Gallons

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>20011031</u> -1940	Lihue Power Plant, #2 Diesel spill Estimated 190 gallons spill of #2 Diesel.	2970 Kele St, Lihue 96766	Kauai		Diesel Fuel	
<u>20011101</u> -0935	Lihue Plantation Power Plant, release of diesel A pipe leak detected by the emergency shut off system caused the pump to shut down and approximately 1600 gals of fuel to spill at the facility's transfer pump, 2ndary Approx. 50 gallons was released through holes or cracks in the secondary containment and into the adjacent collection area pit and groundwater. Holes or cracks in the secondary containment wall allowed approx 50 gallons of diesel fuel to drain into the adjacent collection area pit and groundwater. Response Info: Recovery of about 1550 gals of diesel fuel from the secondary containment by Unitek Solvent Services and recovery of 900 gallons of diesel-tainted water from the existing collection pit by Aqua Engineering. Written 11/06/01 letter from Kauai Commercial Company to Jeffrey Ashmore about deficiencies in equipment at their facility.	2940 Haleko Rd, Lihue 96766	Kauai	Soil	Diesel Fuel #2	50 Gallons
<u>20011101</u> -1143	Pearl Harbor Bilge Water Spill from a Leaking Valve. Hawaiian Dredging was doing work for Navy. No storm drain involved. Cleanup underway.	Building 641, Pearl Harbor	Oahu	Soil/ asphalt	Unknown	30 Gallons
<u>20011101</u> -1825	Public restroom white powdery substance Public restroom, publice area in emergency area (waiting area). Teaspoon of strange white powder found. Assisted by determining that incident is not credible threat (Ajax).	Honolulu	Oahu			
<u>20011101</u> -1919	Person exhibiting anthrax like symptoms Caller requesting assistance in determinng shutting down Lokelani Intermediate School. Magazine from Washington D.C. received and opened by a person who is exhibiting Anthrax like symptoms, (per physician). Informed caller that until results are given by SLD. DOH does not recommend shutting down school.	205A E Lipoa, Kihei 96753	Maui			
<u>20011102</u> -1241	One (1) teaspoon,(.0625 gal), of oil One (1) teaspoon, (.0625 gal), of oil.	Pearl Harbor	Oahu		Oil	0.0625 Gallons
<u>20011102</u> -1421	T-Shirt boxes with Arabic letter inside HPD report # 01-427744. T-shirts ordered for a Fundraiser. One box contained a letter with Arabic writing, 4 boxes total. SOSOC requested assistance from FBI who located someone who can read and interpret letter. Letter an advertisement for a book. Determined not to be a credible threat.	4559 Kilauea Ave, Honolulu 96816	Oahu			
<u>20011102</u> -2150	"Allah is Great" letter with white powdery Letter opened containing white powdery substance. Handwritten in black ink "Allah is Great". HPD -01425079 SLD analyzed; no B. anthracis isolated. UH analyzed -boric acid, letter including sample given to FBI.	1601 East West Rd, Honolulu 96848	Oahu			
<u>20011103</u> -1218	Vessel "Sail" Hydraulic Oil 585055 Hydraulic oil released from "Sail" due to equipment failure. Absorbents applied, material contained.	667 Safeguard St, Pearl Harbor 96860	Oahu	Ocean	Unknown	1 Teaspoon

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20011103</u> -1243	Pearl Harbor Naval Shipyard, oil spill	Pearl Harbor	Oahu			
Oil spill shipyard (1 Tsp). 625 gallons. Cause: moving pipping (?) in shipyard off a vessel and residue leaked into water. Cleaned up.						
<u>20011103</u> -1357	Powder found in shopping bag		Oahu			
Caller concerned that she found a white powdery substance in her shopping bag after she returned home from shopping at Ala Moana Center and inquired if she should call 911. Allayed her concerns, informed her that there has not been any credible threats of Anthrax in Hawaii to date.						
<u>20011104</u> -1045	Evergreen International, jet fuel spill		Oahu		Jet Fuel	
Report of fuel spill @ 0930- Evergreen Int'l- N471EV- parked stall C. Cause: fuel transfer from center tank & main tank. Approx. 50 gals vented from right wing vent. Appx 15 gals went into drain. Responsible party will be Air Support Group.						
Notified US Marine Safety/NRC. Dennis Oliverias: 834-1970; 279-5065 pgr.						
<u>20011104</u> -1157	Evergreen Airlines Jet A Fuel spill	155 Kapalulu Pl, Honolulu 96819	Oahu	Storm Drain, ramp	Jet Fuel A	50 Gallons
Fuel transferred internally in airplane, surge tank overfilled and spilled onto ramp. 50 gals, 15 gal into storm drain. Airsupport group called NRC. Case # 20011104-1046 same. Called in by Jerry Tom of Hnl Int'l Airport. Phone 834-1970.						
No visible sheen on the lagoon. Absorbent material used to collect fuel.						
<u>20011104</u> -2045	Sewage spill 20011104-2045		Oahu	Storm Drain, ravine	Sewage	6000 Gallons
10:14-16:30: 1,000 gals entered stormdrain. 16:30-1915: 5,000 gals down road into ravine. Cause--roots. Referral to WWB & CWB.						
<u>20011106</u> -0904	F/V Sea Diamond		Oahu	Ocean	Diesel Fuel	1500 Gallons
Sheen surrounding vessel. It was determined Diesel fuel was leaking from forepeak tank at waterline. Forepeak had crack in it. USCG PI/S O/S report vessel master not taking any action to jtitigate spill. MSO unsuccessful contacting owner via telephone. PENCO hired to remove fuel from forepeak tank and dispose of recovered product.						
<u>20011107</u> -1113	Steam Cleaning Rinsate Spill	200 Rogers Pl, Honolulu 96819	Oahu	Asphalt	99% Water 1% Hydrocarbon (steam cleaning rinsate)	100 Gallons
Two 55 gallon drum fell of a pickup truck causing the material to spill from the two drums onto an asphalt surface.						
<u>20011107</u> -1925	Army Beach Dillingham Illegal dumping	Waialua 96791	Oahu	Soil		
Alleged Illegal dumping of a tanker onto beach, unable to get license plate or markings on tanker truck. Referred to 911.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20011113</u> -1330	Chemwood Treatment Co. Abandoned Drums	91-476 Komohana St, Kapolei 96707	Oahu			
Contractor responded, cleaned up and packaged abandoned materials at Komohana St. in CIP. This report should be filed under Chemwood Treatment Co.						
<u>20011114</u> -0957	Three (3) - 30 gal drums abandoned on roadside	Lualualei Naval Rd, Waianae 96792	Oahu	Asphalt,soil	Unknown oily substance	60 Gallons
Three (3) - 30 gal drums were found abandoned on access road during Security check. Two drums were cracked, releasing contents. PWC notified to send cleanup crew.						
<u>20011116</u> -0932	Barge Noho Hele "This is a drill" 586211		Maui	Water	Crude Oil	50 Gallons
Material spilled from the barge Noho Hele due to ruptured oil hose that connected to the pier. Occurred during transfer from barge to pier. THIS IS A DRILL. No action taken.						
<u>20011116</u> -1210	F/V "Dolly" sinking	Wailuku 96793	Maui	Ocean	Fuel Oil	2 Gallons
Two (2) gal fuel oil released out of sinking vessel. Booms, sorbents applied by Coast Guard. Vessel been salvage, patched for dry dock.						
<u>20011119</u> -1051	Kauai Electric: Waipake S/D, transformer spill	4461 Kapuna Rd, Pahoa 96778	Kauai	Soil	Mineral Oil	
Auto accident caused a release of ~40 gallons of mineral oil from a pad-mount transformer. dig up dirt and replace with regular dirt.						
<u>20011120</u> -1629	Transformer Spill - Ft. Shafter	Ft. Shafter 96857	Oahu	Asphalt	Mineral Oil	100 Gallons
Transformer oil spill during transportation. Ft Shafter, building 504. Cleanup in progress using dry sweep. Soil being removed.						
<u>20011121</u> -1244	55 gal drum washing ashore on the beach by Wailua Golf Course Clubhouse	3011 Aukele St, Lihue 96766	Kauai	Ocean	Hydraulic Fluid	55 Gallons
Intact steel 55-gal drum. Texaco-Chevron product, "Rando-HDZ 32" Hydraulic fuel. Transferred at DHO @ 2:05pm by PENCO. PENCO to conduct disposal. Oil accepted by Senter Petroleum. 12/19/01 Senter Petroleum accepted 20 gal of Hydraulic No further action at this time.						
<u>20011124</u> -1653	Ehime Maru 10 Gal Diesel Release		Oahu	Ocean	Diesel Fuel	10 Gallons
Diesel fuel release from vessel during lifting of wreck for final disposal. Dissipate Naturally.						
<u>20011126</u> -0654	Pier 18 Honolulu Harbor, unknown sheen		Oahu	Ocean		
Unknown sheen at Pier 18 Honolulu Harbor. None						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>20011126</u> -0711	Niau Sinking		Oahu	Ocean	Unknown	< 1 Gallons
Niau sank. Written 1/16/02 Moored and unmanned, seepage from fuel and lube oil tanks. PRP deployed boom. HazMat on scene. Written 1/16/02 boom, absorbents used for sheen, vessel salvaged. Owner performed all containment and cleanup operations. USCG oversight provided.						
<u>20011127</u> -1000	Oily sump near tanks 301/302	91-480 Malakole St, Kapolei 96707	Oahu	Concrete	Oil	< 200
Heavy rains caused oily sump to overflow. Written 12/10/01 Spilled oil was immediately recovered and cleaned up with vacuum trucks. Remaining material manually removed, will be handled in accordance with State & Federal Regulations.						
Crews cleaned up spilled oil. No contact with oil.						
<u>20011130</u> -1630	Pearl City Fire Department	Lehua Ave, Pearl City 96782	Oahu			
Respond and pickup/transport materials (mercury) from Pearl City Fire Dept.						
<u>20011201</u> -1158	Sewage spill 2250 gals	89-404 Farrington Hwy, Nanakuli 96792	Oahu	Stream	Sewage	2250 Gallons
Cause: basketball, 2250 gals. Entered Nanakuli Stream. CDD. Referral to WWB, CWB.						
<u>20011201</u> -1738	Sewage spill 1600 gal	Tribble Rd, Schofield Barracks 96857	Oahu		Sewage	1600 Gallons
Removal of 2nd (secondary) clarifier. 1600 gal spill. Referral to WWB.						
<u>20011202</u> -1035	Beachcomber Sinking HA 38061A	Honolulu 96815	Oahu	Water	Diesel Fuel	
35 foot sanpan sank, releasing residual fuel in Ala Wai Harbors, slip 8/9. Contracted with PENCO to apply sauage booms. Notified Robert Rushford, Harbor Master, 973-9727. Cost recovery to be conducted (pursued). Provided letter of interest to RP: David K. Hoe, 1750 Kalakaua Ave., #103-3583, Hon., HI 96826						
<u>20011202</u> -1611	None pickup of garbage	2319 Dudoit Ln, Honolulu 96815	Oahu			
Garbage not picked up by C & C of Honolulu. Referral to C & C of Honolulu in 12/3/01. Refuse Division and Office of Complaint.						
<u>20011203</u> -1400	Clorox spill	Queen St,	Oahu	Asphalt	Unknown	1 Gallons
One (1) gal of Clorox fell off a vechicle, puncturing a small hole in container. Picked up container, transferred contents into a non-leaking container. Material to be used. Salvage drum overpack to be returned to Hazmat 1.						
<u>20011203</u> -1647	2 gallon oil release from discharge panel 3 & 4	475 Kamehameha Hwy, Pearl City 96782	Oahu	Water	Unknown	2 Gallons
Oil discharged into intake tunnel and released from discharge panel into harbor. Oil source from previous Chevron pipeline leak.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
20011204 -1353	Grinding & sanding of boats		Oahu			
Allegations of dry docked boats being allowed to grind and sand paint off their boats, (glass bottom flat bottom). Harbor Master has knowledge allegedly. Notified CWB, referred to CWB.						
12/21/01 written report from CWB stated no violation.						
20011205 -1505	HELCO Transformer Oil Spill (76-5932 Mamalahoa Hwy, N. Kona)	76-5932 Mamalahoa Hwy, North Kona 96740	Hawaii	Soil	Transformer Oil	35 Gallons
Transformer oil spill occurred when rotten telephone pole toppled over. Clean up pending results form laboratory test for PCB.						
20011206 -1432	USNS YUKON 150 Gallon Oil Spill			Ocean	Unknown	150 Gallons
Material released from #2 starboard fuel oil tank due to overfill. "Yukon" called NRC as RP. Deck was cleaned up, material pumped to slop tank. Unknown amount in water.						
20011206 -1437	USN M/V Ogden			Ocean	Diesel Fuel	35 Gallons
Diesel fuel spilled from hose due to equipment failure.						
None						
20011210 -0736	Dropped Thermometer		Oahu	back porch	Mercury	
Household thermometer dropped on back porch and broke. Instructed caller how to clean it up.						
20011210 -1005	Gasoline spill Hilo		Hawaii		Gasoline	< 20 Gallons
< 20 gals gasoline spill from an accident. No groundwater or surface water or sensitive areas affected. Not a reportable quantity. Instructed them how to clean it up.						
20011210 -1420	Unknown sheen 588308	Honolulu	Oahu	Ocean		
Unknown sheen in Honolulu Harbor. James Higashige of Hawaiian Electric notified NRC. Phone: (808) 533-2102.						
None						
20011210 -1422	Chevron Refinery November 10, 2001 126 Gallons Light Cycle Oil Spill	91-480 Malakole St, Kapolei 96707	Oahu	Coral	Light Cycle oil	126 Gallons
On November 10, 2001 126 gallons of light cycle oil (LCO) was released. A small fissure developed in #1 blend line from TK 154 which allowed oil to be released. Location: #3 junction box area.						
20011210 -1617	Unknown white powder		Hawaii		Unknown	1 Teaspoon
One (1) teaspoon of unknown white powdery substance. Determined that it was not a credible threat. No sample to be sent.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20011212</u> -1100	Exhaust leaking from car Complaint about propane gas smell . Requested DOE to call 911. Kauai Fire determined the source, exhaust leaking from automobile of complainant.	3577 Lala Rd,	Kauai	Air		
<u>20011212</u> -1345	Alleged Dumping	14-3860 Kapoho-Pahoa Rd, Pahoa	Hawaii	Air & Soil	Heavy metals containing brine fluid	
During drilling operations, power plant has been improperly injecting material into the soil. Caller states that this incident has been ongoing for over one year. PGV is suspected PGV states that injection is condensed steam from the ground.						
<u>20011217</u> -1210	Complete Auto Repair and Estimates Five underground hydraulic lifts were removed from the above referenced site. A petroleum sheen was observed by Kimura International personnel on the groundwater surface during removal activities.	94-875 Farrington Hwy, Waipahu 96797	Oahu	Soil and Groundwater	Hydraulic Oil	
<u>20011217</u> -1308	Riding lawn mower rolled over into Pearl Harbor Riding lawn mover rolled over into Pearl Harbor. Oil sheen noticed on water. Absorbents pads used for oil sheen. Mower removed from water.		Oahu	Ocean	Gasoline, Unleaded	
<u>20011221</u> -1010	Kailua-Kona Pier Caller reporting sighting of unknown sheen. No action taken. Received notification from NRC via fax. RP unknown.	Kailua-Kona	Hawaii	Water		
<u>20011221</u> -1014	Kailua Pier, duplicate Caller reported sheen of diesel on the water at a public swim area. Possibly due to nearby fueling. This report could be same incident as case no. 20011221-1010. RP unknown.	Kailua-Kona	Hawaii	Water	Diesel Fuel	
<u>20011228</u> -0915	Halon 1301 Changing Fire Suppression System, storing Halon in 300 lb tank outside in sun. Heated tank released contents. Tank was weighed & by subtraction found that RQ had been None, release was discovered next day. Release was outside to environment. Written faxed 1/2/02, updated faxed 1/4/02: occurred at secured compound area, west side of bldg. Pressure relief valve on cylinder popped. Rise in ambient air temp combined with weak valve caused discharge.	Wheeler 96786	Oahu	Air	Halon 1301	142 Pounds
<u>20011228</u> -0955	Pearl Harbor Fuel Spill, Vessel Samuel Cobb Material released out of the vessel's transfer line due to a stopper slip while disconnecting. Received two calls relating to this incident. Ref. NRC # 589692; Case # 20011228-1005.	Pearl Harbor	Oahu	Water	Oil, Fuel #D-2	0.5 Gallons

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
20011228 -1005	Pearl Harbor Fuel Spill, Vessel Samuel Cobb second	Pearl Harbor	Oahu	Water	Oil, fuel 2-D	3 Gallons
While offloading a ship the wrong hose was disconnected causing a release into the water. Reference Case # 20011228-0955. Vessel involved same as case no. 20011228-0955.						
20011231 -0455	Nukuawa Street, CIP, Abandoned Drums	Nukuawa St, Kapolei 96707	Oahu	Other		
Contractor responded to DOH call to remove abandoned drums. Notified Penco to respond and remove drums.						
20011231 -0904	HELCO Underground Vault Empty Transformer	Lanikeha Way, South Kohala	Hawaii	Soil	Transformer Oil	40 Gallons
Transformer found empty after power lost at 11:00 pm (12/30/01). HELCO crew cleaning up. Removed 16 cubic ft of contaminated debri (soil & rocks). Dave Okamura, Helco Assistant tech. Superintendent.						
20011231 -1613	Sail boat ran aground in harbor		Lanai	Ocean		
Private owned sail boat ran aground in Kaunalapau Harbor. No visable spill from vessel. None						
20020104 -0024	JP-8 fuel spill 20 gal 590111	300 Rodgers Blvd, Honolulu 96819	Oahu	land	Jet Fuel JP-8	20 Gallons
Material released from a fuel truck due to a shutoff valve failed to operate. Sorbents used.						
20020104 -0935	HELCO pad-mount transformer #6991	175 Banyan Dr, Hilo	Hawaii	Soil	Shell Diala Oil	30 Gallons
HELCO pad-mount transformer #6991 located at 175 Banyan Drive, Hilo had corrosion of the transformer casing therefore causing a leak.						
20020106 -2030	522 laukea St, Abandoned Chemicals	522 laukea St, Honolulu 96813	Oahu			
Respond to abandoned chemicals at 522 laukea St.						
20020107 -1102	Single Point Mooring--1.5 mile offshore	Kapolei 96707	Oahu	Ocean	Diesel Fuel #2	< 1 Pints
Material released while disconnecting bunker hose stream for maintenance. Less than one pint oil spilled in water creating sheen. See report 20020107-1057. Work boat is conducting boom sweeps.						
20020107 -1446	DRILL Pier #5 20 barrels DRILL	Pier 5, Campbell Industrial Park 96707	Oahu	Ocean	Diesel Fuel	20 Barrels
DRILL DRILL Pipeline burst during loading operation. DRILL DRILL DRILL DRILL Booms, absorbents applied, contractor hired. DRILL DRILL Actually equipment deployed for exercise.						
20020107 -1638	Crank case oil 2 drops	Honolulu	Oahu	Ocean	Crank case oil	2 Drops
Operator error, crank case oil leaked to Pacific Ocean from vacuator. RP called NRC, Sabine Transportation Co. Dissipate naturally.						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
20020108-1037	Chevron Refinery December 10, 2001 Spill	91-480 Malakole St, Kapolei 96707	Oahu	Soil	Crude Oil	45 Barrels
On December 10, 2001 45 barrels of crude oil was released. Cause was a plugging in the desaltger effluent line compounded by breakdown of sump pump P-3611. Location: North stormwater containment.						
20020108-1400	Allegation dumping of anti-freeze down storm Allegation that neighbor in a residential area dumping anti-freeze down storm drain. Referral to C/C Environmental Sevices.	86-102 Hoaha St, Waianae 96792	Oahu	Storm Drain	Ethylene	
20020109-1040	Tesoro Hawaii Corporation - Kapolei Offshore Release	Kapolei 96707	Oahu	Ocean	Bunker fuel & water mixture	1 Pints
Residual oil released out of the bunker transfer line during replacement of the end plate.						
20020109-1423	Release in the vicinity of Waiau Tank 1 release on groundwater discovered as HECO was conducting integrity tests on Tank 1 Site visit conducted; requested further characterization Samples taken by HECO at Pearl Harbor where freshwater meets the seawater - results indicate no impact	475 Kamehameha Hwy, Pearl City 96782	Oahu	Groundwater	Fuel Oil	
20020109-1615	Maui - Kaanapali Sunken Boat Caller reported that a boat sank in the channel between Lanai and Maui, 300 yards off shore from the Sheraton Hotel. NRC report 590659 possible same boat. No phone notifications received involving this incident.	2605 Kaanapali Pkwy, Kaanapali 96761	Maui	Ocean		
20020110-1719	Capt Bruce Dive charters spill Release of diesel fuel from vessel due to overfill. Capt Bruce Dive Charters called for RP Absorbents applied, material contained, cleanup completed.	Honolulu	Oahu	Ocean	Diesel Oil	1 Cups
20020114-1530	Unknown Powdery Substance Resident discovered an envelope in her purse containing powdery substance. Envelope did not have a postage stamp but addressed to "American Coalition for Competitive Trae, Inc., P.O. Box 25764, Georgetwon Station, Washington, D.C. 20007-8764. Requested Honolulu HazMat to use the BTA; result was negative. Determined not to be a threat. SOSC arrived on site at 1640 and departed at 1715. References: HFD IR# 1555 and HPD IR# 02-017601. Determined not to be a credible threat.	6303 Pohoiki PI,	Oahu			
20020114-1738	Hotel Pier, berth 2 Material released from Hotel Pier due to power being secured to pier sump. Materia was contained with boom I		Oahu	Ocean	mix oil	8 Gallons
20020115-0942	Barge Harbor Hydraulic Cylinder exploded due to high pressure and hydraulic fluid spilled - no more than 1 gallon went into water	Kapolei 96707	Oahu	Ocean	Hydraulic Fluid	10 Gallons

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20020116</u> -0929	Abandoned Drum, Waialua	96791	Oahu	Soil	Oil	
Respond to abandoned drum on Kaukonahua Rd, Waialua. Drum approx. 1/4 full. Final invoice 4014 received 3/8/02 for \$226.07						
<u>20020116</u>	-1302 CIC Drill #591400 Kawaihae Harbor		Hawaii	Water	Diesel Fuel	3 Gallons
Drill. Diesel released from a barge due to a spilt hose. Drill. No response required. Drill notification.						
<u>20020117</u>	-0805 Republican & Libby Streets, burnt van	Republican & Libby St, Honolulu 96819	Oahu	Air		
Van was burnt the last night. While driving by, many 1-gallon containers were observed inside. Vanisa "Step-Side" van, abandoned and not driveable. Appears to be homeless dwelling. Clothes, albums, batteries, bicycles, etc inside.						
<u>20020117</u>	-1645 DRILL Kalaeloa Barge Harbor 10 barrels Diesel	Pier 5, Campbell Industrial Park 96707	Oahu	Harbor	Diesel Fuel	10 Barrels
DRILL DRILL DRILL Hole occurred in pipeline causing Diesel fuel to spill into Kalaeloa Barge Harbor DRILL DRILL. DRILL DRILL Booms, absorbents applied. DRILL						
<u>20020121</u>	-1107 Hawaii Electric Light Company Transformer	777 Kilauea Ave,	Hawaii	Transformer pad, dirt and rock	Oil	10 Gallons
Corrosion of the transformer casing causing a leak.						
<u>20020122</u>	-0820 47-304 Ahaolelo Road, alleged illegal dumping	47-304 Ahaolelo Rd, Kaneohe 96744	Oahu			
Complainant alleges of illegal dumping by Kurt Tateishi of above address for past 4-5 months. TC was on-call. Received similar complaint over the weekend. Referral to TC. Grinding and painting of ~10 boats; bringing in 20 feet of dumpster containers using tractor and excavator. Appears to be burring in a hole surrounded by a berm. Subject works day 0830 to 1430. Subject has previous drug conviction and wife abuse conviction.						
<u>20020122</u>	-0950 DRILL DRILL 3 barrels fuel oil DRILL DRILL		Oahu	Ocean	Fuel Oil	3 Barrels
DRILL DRILL crushed fuel delivery hose between a barge and the dock with material released into the water. DRILL DRILL DRILL DRILL containment booms deployed around spill, skimmers and pump in use.						
<u>20020122</u>	-1330 USS Fitzgerald Fuel Spill	Pearl Harbor	Oahu	Water	Diesel Fuel	4 Gallons
Residual diesel fuel spilled into the Pearl Harbor from a water pipe on a military vessel.						
<u>20020124</u>	-0904 HDC Properties, stained soils	1015 Kapiolani Blvd, Honolulu 96813	Oahu			
Construction of property found stained soils. Analysis on soil samples found trace amounts of TPH (Tier 1). Source is unknown. Property Owner is HDC Properties. Plans for exploration holes being developed.						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address, City</u>	<u>Island</u>	<u>Media</u>	<u>Substances</u>	<u>Quantity</u>
<u>20020124</u> -1417	HECO Transformer Oil Spill, 2515 Alaula Way	2515 Alaula Way, Honolulu 96822	Oahu	Grass, soil	Non-PCB mineral oil	25 Gallons
<p>HECO pole-mount transformer #58883 leaking due to rust decayed transformer housing. Written report received on 1/24/02. No prior notification required due to small amount of oil spill.</p>						
<u>20020125</u> -1355	HC&S Puunene Sugar Mill, oil spill	Puunene	Maui			
<p>Fuel line off of a ruptured tractor. Used absorbents. Excavated contaminated soil & put in bioremediation area.</p>						
<u>20020125</u> -1620	Macadamia Nut Road, used cooking oil dumping	Macadamia Nut Rd, Puna	Hawaii		Oil	
<p>Illegal dumping. Referral to Office of Solid Waste.</p>						
<u>20020127</u> -1054	99-002 Kauhale Street, sewage spill	99-002 Kauhale St, Aiea	Oahu			
<p>Sewage spill @ 99-002 Kauhale St. Arrived at 0943. Secured at 1012. 450 gallons into Aiea Stream. CDD. Posting Signs. Cause: grease. Secured at 1012. 450 gallons into Aiea Stream. CDD. Posting Signs. Cause: grease.</p>						
<u>20020127</u> -2000	Hydraulic Oil Release	62-100 Kaunaoa Dr, Kamuela 96743	Hawaii	Concrete	Hydraulic Oil	
<p>76 hydraulic oil 32 AW released. A flash flood occurred the night of 1/26/02 flooding parking structure basement to 6 feet. Lifted oil out of elevator hydraulic oil reservoirs. Basement flooded within 2 hrs time. PENCO was hired to do the cleanup. Enjon Angelo sent a letter/report to Liz Galvez regarding all that happened with this release. This file was NFA'd by Liz on 4/18/02. Summary of Caller (E.Angelo): On the night of 1/26/02, heavy rains caused a flash flood causing water to flow into the parking lot structure of the Hapuna Beach Prince Hotel. When the water settled, we ended up with approx. 6 feet of water at the bottom level of our parking garage. There are two 6 inch drains at the bottom of our parking structure that are connected to an outside storm drain which empties into a natural gulch which empties out to Hapuna Beach. Also at the bottom of the parking structure is an enclosed elevator machine room that controls three hydraulic elevators. These 3 reservoirs hold approx. 70 gallons of oil each. At approx. 2:00pm, 1/27/02, we were able to make examination of the elevator machine room. The water level in the basement bottom floor was about 30" high at this time. As we cracked open the door we discovered that the hydraulic oil was released from the elevator oil reservoirs. Closing the doors immediately we contained the released oil to the area in and around the elevator machine room at the bottom of the parking structure. Your office (HEER) was contacted. PENCO was called in to clean up the spilled material. They arrived the morning of 1/28/02, and worked all day to approx. 11:30pm the night of 1/28/02. Through the day we were monitoring the culvert that empties out to the gulch and found no sign of oil release to the gulch. PENCO personnel also checked the gulch and found no sign of release. The next day, 1/29/02, we experienced more rain and the storm drains started flowing again. At 4:00pm, 1/29/02, I was informed by one of our employees that there was a sheen of what looked like oil at the pond of water where the gulch runoff empties out onto Hapuna Beach. I went down to inspect and confirmed the oil sheen. I called PENCO back and made additional calls to Bill Perry at State Health and the Coast Guard since the tide from the ocean flows into the pond at the beach. PENCO is now still currently doing their clean up work as of 12:00 noon 1/30/02. CAS Registry # 04651. Media Involved: Concrete, Stream, Ocean.</p>						
<u>20020128</u> -1353	Unknown sheen 592437		Oahu	Ocean		
<p>Unknown sheen.</p>						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20020128</u> -1741	Unknown sheen 592449	Honolulu	Oahu	Ocean	Unknown	25 Gallons
Unknown sheen sighting. PENCO on scene to conduct clean up of spill.						
<u>20020129</u> -1904	Royal Kunia, possible sewage spill	Waipahu 96797	Oahu			
Reporting possible sewage spill and wanted someone to investigate. Informed her of HEER's role and requested her to call C/C wastewater.						
<u>20020129</u> -2129	95-341 Hokuahiahi, alleged bottles of poison	95-341 Hokuahiahi St, Mililani 96789	Oahu			
HazMat removed 4 labeled juice bottles of solutions from a unit where eviction occurred. Spoke with Capt MacGuire. Pick up bottles at Kapolei. Called property manager and explain HERL, esp. cost recovery. Property Manager (Century 21) Douglas Fortner described evicted as someone who alleges that her water was being poisoned although Dr. Bruce Anderson has said that there's nothing wrong with the water. Labels on bottle: "cyanide" hydrogen nitrate. 1/30/02: Picked up 4 bottles @ HazMat Station. Spoke with Leona Soto (Century 21 Liberty Homes), property management for the unit (Tel# 625-1776). Bottles were discovered by cleaners after Century 21 was successful in evicting Linda Reddish. Bottles appear to be containers sent by a lab for Ms. Reddish to collect samples. 3 bottles were pressured with HNO3 and 1 bottle was preserved by NaOH.						
<u>20020131</u> -1249	Clean Island Council Drill 592731		Oahu	Water	Gasoline, Unleaded	1 Barrels
Material released from a barge that was making a delivery due to a split gasket. No action required. Drill.						
<u>20020131</u> -1643	Sludge Release (FO-37)	91-480 Malakole St, Kapolei 96707	Oahu	Coral	Sludge (FO-35)	20 Drum (55)
Sludge discovered during sewer line check. No environmental impact. Remediation underway.						
<u>20020201</u> -1833	Fuel Pier 10 gal JP-8	Kaneohe 96744	Oahu	Ocean	Jet Fuel JP-8	10 Gallons
Spilled out of the pipeline manifold system on fuel pier due to operator error. KMCB called NRC. Booms applied, material contained, dissipate naturally.						
<u>20020203</u> -1150	Oil Spill, H-1 (Kunia Area)		Oahu			
Cleanup oil spill on H-1 (Kunia area)						
<u>20020203</u> -1314	Leaking flange on pier piping	Kaneohe 96744	Oahu	Ocean	Jet Fuel JP-8	1 Gallons
Leaking flange on a pier piping. KCBH called NRC. Boom in place around pier, dissipate naturally.						
<u>20020203</u> -1415	F/V Fuku Maru #17	Honolulu	Oahu	Ocean	Diesel Fuel #2	3 Drops
Operator overfilled fuel tank causing release of 3 drops. Absorbents applied.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>20020204</u> -1004	2122 Kaliawa St, Abandoned Drums	2122 Kaliawa St, Honolulu 96819	Oahu	Asphalt/Street	Polyester Resin	55 Gallons
Respond, transport & dispose of abandoned drums from Kaliawa St., Sand Island. Unknown party dumped drum of resin in street over weekend. Drum was full of jelled & unusable resin and had a tear on side from forklift. Some leakage onto street. Penco responded and disposed of drum.						
<u>20020204</u> -1151	Affordable Tow, continuous spills	98-151 Lipoa Pl, Aiea 96701	Oahu		Diesel Fuel	
Complainant alleges that Affordable Tow is continually spilling diesel and have made no efforts to clean it up. Pearl Harbor is 150 feet away. To conduct site visit. Did not observe evidence of spilling.						
<u>20020204</u> -1600	Sand Island State Recreation Area abandoned drums	4 Sand Island Access Rd, Sand Island 96819	Oahu			
notification from Clean Water Branch regarding old barrels containing unknown. Drums are in the water. Coordinated with Department of Land and Natural Resources. Site visit conducted on 2/5/02, It appears that drums, 10 - 11 in quantity, have severely corroded. Samples were collected and brought to the lab for analysis. Analytical results indicate that the black gooeey substance sample indicate a profile compatible with tar - with heavy hydrocarbon chains. Based on these results, it would appear that the black gooeey unknown is old roofing tar. The second sample collected contains carbonates, which would be present in any Hawaiian sand/sediment; the sample did not contain any organics. Based on a conversation with Don Ford, DLNR's Construction and Maintenance Superintendent, DLNR is working on hiring a contractor to conduct a removal and disposal. Analytical results were provided to DLNR, DOH Clean Water, and DOH Solid Waste. 2/25/02: Spoke with Don Ford of DLNR; inquiry regarding when waste were to be disposed. Based on a telephone conversation L. Galvez had with Albert Shigemura of PVT Landfill regarding analytical results and a subsequent inspection by Mr. Shigemura of the site on 2/22/02, the waste is determined to be construction debris and can be disposed of at PVT Landfill. Mr. Ford said that the waste should be picked up and disposed of						
<u>20020205</u> -2100	Young Brothers, mercury in Honolulu Harbor	Honolulu	Oahu			
Young Brothers switches containing mercury- substantial endangerment. Bill Perry said that he would take care of it.						
<u>20020207</u> -1600	Oil Sheen, Plantation Village Pond	Waipahu 96797	Oahu	Water		
Oil sheen at Plantation Village Pond. Final Invoice #4241 \$669.58						
<u>20020208</u> -1100	824 Bannister St, Abandoned Drums	824 Bannister St, Honolulu 96819	Oahu	Storm Drain	Oil and paint sludge	
Respond to abandoned drums at 824 Bannister St. Penco hired to remove and cleanup area. Final invoice #4240. Manifest Doc.#10170						
<u>20020209</u> -0430	White Powder @ Campbell Industrial Park		Oahu			
Respond and cleanup of unknown white powder @ CIP.						

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<u>Case No.</u>	<u>Site Name</u>	<u>Street Address, City</u>	<u>Island</u>	<u>Media</u>	<u>Substances</u>	<u>Quantity</u>
<u>Incident Description</u>						
<u>20020209</u> -1500	American Airlines White Powder		Maui			
Arriving American Airlines 757 possibly have white powder inside plane. White powder was discovered on baggage cart that unloaded plane. Airplane was deplanned, isolated plane. Attempting to locate source in plane.						
<u>20020210</u> -2011	HELCO pad-mount transformer #7481	73-1311 Awakea St, Kailua-Kona 96740	Hawaii	Soil	Shell Diala Oil	> 25 Gallons
Leak from rust-decayed transformer housing.						
<u>20020212</u> -0929	Honolulu International Airport Gate 5 - Ramp	Honolulu 96819	Oahu	Soil	Diesel Fuel	25 Gallons
Approximately 12 gallons of deisel fuel was released, staining an area of soil approx. 6' wide X 14' in length.						
<u>20020212</u> -1007	HECO Transformer #22189	376 Kekupua St, Honolulu 96825	Oahu	Grass, soil	Non-PCB mineral oil	5 Gallons
Oil spill leaking from rust decayed transformer housing. Facility person in charge notified of spill: 1/7/02, approx. 0800 hrs. Written notification submitted.						
<u>20020212</u> -1604	HELCO Pad-mount Transformer #13892	Puna Mill Rd, Puna 96749	Hawaii	Soil	Shell Diala Oil	80 Gallons
HELCO Pad-mount Transformer #13892						
<u>20020213</u> -0928	Crude Rail Holes Spool	Kapolei 96707	Oahu	Ocean	Unknown (diesel ?)	1 Quarts
During maintenance work on single point mooring, the crude rail holes spool piece was being removed when material overflowed sample tap on spool piece.						
<u>20020214</u> -1052	Maalaea Harbor, fuel release from vessel		Maui	Ocean	Unknown	1 Gallons
Caller is reporting a release of fuel from the vessel due to crew filling fuel tank with water and forcing fuel out of the vents						
<u>20020214</u> -1929	Hydraulic Oil 10 gal spill		Oahu		Hydraulic Oil	10 Gallons
Release of material due to ruptured Hydraulic line connected to a container loader. Aloha Airlines called NRC. Clean up completed.						
<u>20020216</u> -0925	Hydraulic oil between gate 24 & 25		Oahu	Tarmac	Hydraulic Oil	5 Gallons
Discovery of approx 5 gal of Hydraulic Oil spilled on tarmac. Used absorbal material to clean up oil.						
<u>20020216</u> -0956	North side of pier 7	Honolulu	Oahu	Ocean		
Unknown sheen in water. James Higashige of Haw's Elec called NRC. No. 533-2102.						
<u>20020217</u> -1217	Lualualei, dumping of oil drums	Lualualei	Oahu			
Dumping of 55-gallon oil drums at Lualualei. Referred to Liz Galvez.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20020217</u> -1230	Abandoned Drum. Mailiili Road	Mailiili Rd, Maili 96792	Oahu			
	Respond to abandoned drum on Mailiili Rd.					
<u>20020217</u> -1401	228 Clark Street, alleged strong odor	228 Clark St, Wahiawa	Oahu			
	Started smelling it past 10 days. Urine and pesticide smell. Requested caller to talk to neighbor.					
	2/19/02, 0753: Regina (Karen's sister), said sometimes it's strong urination, sometime's it's like a strong fertilizer smell. 4 houses (back to back) drive along Thomas Street. Made a site visit on this day too; no smell observed. Marilyn (529-3227). 3/13/02, 2:07pm: referred case to HPD.					
<u>20020217</u> -1612	Sewage Spill around Pearl City Recreation	785 Hoomaemae St, Pearl City 96782	Oahu			
	Sewage spill: C/C of Honolulu WW claims it's not within their jurisdiction (Pearl City area); only parking lot area. Referral to DOH WWB.					
	Service Road (City Property) which leads to baseball field between 2 schools (Highlands Int. & Pearl City Elem). 2/20, 0839: City cleaned up the clog, which is further on down.					
<u>20020217</u> -2042	Unknown sheen 594302	45-995 Waialele Rd, Kaneohe 96744	Oahu	Ocean	Unknown oil	
	Unknown sheen. Booms, absorbents applied, material contained.					
<u>20020217</u> -2044	Kaneohe Marine Corps Base, sheen		Oahu		Diesel Fuel	
	Sheen in the water @ marina base- Diesel. Liz checked in at 20:50. Update to this call: Coast guard on scene. Suggested to move the boom & let the sheen float about, being that it was very very light. Per Rocky he will open the Marina.					
<u>20020218</u> -0952	Dead horse behind Parker School	Kamuela	Hawaii			
	Dead horse behind Parker School. Referral to Police & County Public Works.					
<u>20020218</u> -1126	Maile resident reports oil-dumping		Oahu			
	4 55-gallon drums of oil dumped on private property.					
<u>20020218</u> -1129	Abandoned Drum - Kulaaupuni St.	Kulaaupuni St, Waianae 96792	Oahu			
	Respond to abandoned drum on Kulaaupuni St., Waianae.					
<u>20020218</u> -1252	2450 Date Street, 200-gallon sewage	2450 Date St, Honolulu	Oahu			
	200 gallons of sewage @ 2450 Date St. Contained in the gutter-- no storm drain. Cause: Grease. Vacuum: C/D/D. Arrived: 0756. Secured: 0803					

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20020218</u> -1313	1810 Glenn Avenue, 30-gallon sewage spill	1810 Glenn Ave, Wahiawa	Oahu			
30-gallon sewage spill at 1810 Glenn Ave. Contained on site. No storm drain. Cause: Grease in main line. C/D/D. Arrived: 0952. Secured: 0952. Pau: 1015.						
<u>20020218</u> -1438	Hydraulic oil on taxi way Z	Honolulu	Oahu	Asphalt	Hydraulic Oil	3 Gallons
Aircraft on taxi way had loss to number two hydraulic system, 3 gal. Boeing 747 Towed aircraft back to gate. Drained system of remaining oil. Used absorbent to collect oil on asphalt.						
<u>20020218</u> -1453	45-072 Waiape Place, 55-gallon sewage spill	45-072 Waiape Pl, Kaneohe	Oahu			
55-gallon sewage spill @ 45-072 Waiape Pl. 35 gallons into Kaneohe stream and 20 gallons dissipated into the ground. Cause: Roots in 8" line. C/D/D. Arrived: 1405. Secured: 1416. Pau: 1515.						
<u>20020219</u> -0337	Midas Muffler Shop, alleged dumping	Kukui St, Wahiawa	Oahu			
Witnessed by anonymous caller on 2/16/02 @ 4pm that a chemical liquid was dumped down a storm drain. Tire tracks visible. 2/19: Site visit conducted. Midas admitted that 55-gallon drum had been leaking used oil over the weekend. Unknown quantity. Midas hired Philips Services to do clean-up.						
<u>20020219</u> -0933	HSI Electric	140B Hobron Ave, Kahului 96732	Maui	Soil	Chevron Delo Multigrade Sae 15 W-40	3 Gallons
Drum lid not secure. Rain water entered drum floating oil off.						
<u>20020219</u> -1547	HECO Transformer #46872	98-668 Kilinoe St, Waimalu	Oahu	Soil	Shell Diala Oil	20 Gallons
Shell Diala AX Insulating Oil or equivalent (non-PCB mineral oil) leaking from a rust-decayed transformer housing.						
<u>20020220</u> -1530	Dillingham Water Main Project Petroleum Odor	N King St & Liliha St, Honolulu	Oahu			
Complaint regarding strong petroleum odor coming from soil piles located on Bannister St/Laumaka St. Soil is reportedly from Dillingham Water Main Project excavations. Site visit conducted. See also Case Number: 20020220-1531 - Dillingham Water Main Project Soil Pile. DOH's Hazardous Waste Program received a complaint regarding strong petroleum odor coming from soil pile located on the corner of Laumaka and Bannister Streets. It was reported that the soil is from a City and County of Honolulu's Board of Water Supply Dillingham Water Main project. In a telephone conversation with David Hee of D & C Construction (tel 247-1234), the project entails installing a 24-inch waterline. Excavated soil (approximately 5 truckloads) is temporarily loaded to the corner of N. King and Liliha Streets, then eventually brought to a property owned by Ed Yamashiro on the corner of Bannister and Laumaka Streets. Dave said that the smell could be a sewer odor instead of a petroleum odor; he mentioned that there was no visible sheen in the water. Ed Yamashiro (tel 247-6628) verified that soil (8 - 10 truckloads) has been brought in to his property as fill. He noted that there was a strong petroleum smell from the soil pile. Consent to access the property was obtained and a site visit was conducted on 2/21/02 by L. Galvez and T. Corpus; there was a petroleum smell. A telephone conversation with Scott Muraoka (tel 527-5221), an employee with Board of Water Supply, was made on 2/22/02 informing him of the findings. L. Galvez mentioned that the location of the project is right outside of the boundaries of the Honolulu Harbor project where there is documentation of petroleum contamination. L. Galvez requested to Mr. Muraoka that samples be taken from the soil pile to be analyzed and that air monitoring be conducted during the project. It was also requested that results be submitted to the HEER Office. Referral to DOH's Solid Waste Office.						
<u>20020220</u> -1531	Dillingham Water Main Project Soil Pile	Bannister St & Laumaka St, Honolulu	Oahu			
Soil pile from the Dillingham Water Main Project smells like petroleum. See: Case Number: 200202-1530.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>20020222</u> -1000	HECO Transfer #38832	1054 Green St, Honolulu	Oahu	Grass and Soil	Transformer Oil	
HECO Transfer #38832 located at 1054 Green Street Honolulu, Hawaii 96822 had leaked fluid. Transformer removed						
<u>20020222</u> -1557	Waste Disposal		Oahu			
Package, transport and dispose of samples.						
<u>20020225</u> -1045	The New Otani Kaimana Beach Hotel - Alleged Freon Release	2863 Kalakaua Ave, Honolulu 96815	Oahu			
Allegation of a freon release. Family of five stayed in Room 202 from 2/17 - 21/02. Site visit conducted. Complainant alleges that refrigerator in Room 202 leaked freon and family member experienced symptoms as a result of exposure. Caller states that family went to "Doctors on the Run" (808) 971-6000 where a family member reported being exposed to the refrigerator unit leaking in hotel room. Other family members reported experiencing other symptoms attributed to the room. State On-Scene Coordinator (SOSC) contacted the telephone number provided by the complainant (808) 971-6000 and spoke with Sheila Kagehiro of Doctors On Call - Straub Waikiki. According to the report, the physician who saw the patients, Dr. David Kaminskas, did not state in his report that there was any freon exposure. Medications were given to help them breathe better. Nurse called New Otani to inform manager of the complaint; Mr. David Diga, Maintenance Manager, checked for leaks in the refrigerator and did not find any. A site visit was conducted on 2/27/02. SOSC spoke with Curtis Kawamoto, M.I.S. Manager; Arlene Chmolack, Guest Service Manager, Reservations; and David Diga. Based on the investigation, no further action will be taken at this time.						
<u>20020225</u> -1155	Keehi Industrial Park, abandoned transformer	96819	Oahu			
Accdgd to cargo coordinator, Keehi Industrial Park are by La Marianas, 4 ft high pole transformer with insulators at top, sitting on a pallet with leakage on bottom. Intent is to take a sample to be analyzed. Past Entrance to Ameron sand pile by Honolulu Disposal dumpster is a gray cylinder 4 feet high, leakage from cover itself. Connection with a seal cover is gone. No active leakage, syringe on side. 2/25 1:22pm: Honolulu Recovery had removed according. Work being performed by Commercial Electric (Bill Davis) 3:24pm: Honolulu recovery contracted Commercial Electric. CE claims that it does not contain PCBs. Requested Bill Davis to verify with documentation. 2/26: Commercial Electric removed transformer yesterday. There is some leakage. Request certification that transformer does not contain PCBs. NFA.						
<u>20020225</u> -1414	General Tire Hydraulic Oil Release	505 Waiakamilo Rd, Hononlulu 96817	Oahu			
Hydraulic hoist removed approximately 5 years ago, along with 2 clean UST closures and knocking down of building. Excavation being conducted showed soil contamination Removed impacted soil, estimated 40-50 cubic yards of soil. No free product on wells. Hydraulic hoist, source of the contamination, had been removed at least 5 years ago. Notification taken. Requested written notification to be submitted. Referral to ISST						
<u>20020225</u> -1445	Rust-decayed transformer housing	98-1402 Koahehe Pl, Pearl City	Oahu	Grass & Soil	Shell Diala Oil	< 25 Gallons
Leak from rust-decayed transformer housing						
<u>20020225</u> -1450	Pearl Harbor Fuel Spill Pier H3	517 Russell Ave, Pearl Harbor 96860	Oahu	Water	Jet Fuel JP-5	6 Gallons
Fuel tank on a military vessel was overfilled causing jet fuel to spill from the tank into Pearl Harbor. Vessel involved: HMCS Ottawa. (See written follow up notification.)						
<u>20020227</u> -0925	Oil Spill on H-1 (Truck Accident)		Oahu		Oil, Engine	
Respond and cleanup oil spill on H-1 (truck accident).						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20020227</u> -0925	Oil Spill on H-1 (Truck Accident)		Oahu		Gasoline	
	Respond and cleanup oil spill on H-1 (truck accident).					
<u>20020228</u> -1338	Illegal dumping in Field 741	1 Hansen Rd, Puunene 96784	Maui	Soil	Used Motor Oil, paint	175 Gallons
	Four 55-gallon drums containing used oil and one 5 gallon drum of paint were illegally dumped adjacent to an access road in Field 741 approximately 1/8th mile from Waiko Road. Two of the used oil drums partially released their contents to the soil.					
	Used oil burned for energy recovery, paint packed for proper disposal, contaminated soil taken to treatment facility for processing.					
<u>20020301</u> -0920	Abandoned Drums, Malakole St	Malakole St, Kapolei 96707	Oahu			
	Respond, transport and dispose of abandoned drum from Malakole St., CIP.					
<u>20020301</u> -1030	Safeway PCB Dredging Project	46-065 Kamehameha Hwy, Kaneohe	Oahu			
	Sheen reported.					
	Site visit conducted. Remediation (dredging) is causing stirring of old sediments. Very slight sheen.					
<u>20020302</u> -1632	HELCO pad-mount transformer #16285	78-6715 Alii Dr, Kailua-Kona 96740	Hawaii	Soil	Shell Diala Oil	70 Gallons
	Leak from rust-decayed transformer housing.					
<u>20020304</u> -1432	HECO Transformer Oil Spill - #35584	89-269 Farrington Hwy, Nanakuli 96792	Oahu	Concrete/Soil	non PCB mineral oil	3 Gallons
	Oil spill due to leak fro rust decayed transformer housing.					
	See SCP Oil Spill Notification Form for more informations.					
<u>20020305</u> -1525	Abandoned Vials - Waimanalo Beach Park	96795	Oahu			
	Respond to and transport abandoned vials from Waimanalo Beach Park.					
<u>20020305</u> -1630	Pier 60 Honolulu Harbor		Oahu			
	Obtain sample from storage tank.					
<u>20020307</u> -1552	Maalaea Harbor, unknown sheen	Wailuku	Oahu	Water		
	Caller reporting an unknown sheen.					
<u>20020311</u> -0900	Abandoned drums - Mapunapuna Street	96819	Oahu			
	Contractor responded, transport and disposed abandoned drum on Mapunapuna St.					
<u>20020311</u> -1220	Puunene Sugar Mill Release	1 Hansen Rd, Puunene 96784	Maui	Soil	Diesel Fuel	400 Gallons
	The vehicle's drive shaft sheared and severed the metal fuel line connection at the tank. All of the fuel tank's contents flowed onto the ground.					
<u>20020311</u> -1440	Abandoned paint - Kewalo Basin	96813	Oahu			
	Respond, transport and dispose of abandoned paint from Kewalo Basin.					

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20020311</u> -1515	HECO Transformer Down, 46-259 Lilipuna Road	46-259 Lilipuna Rd,	Oahu	Water & Land		
HECO Transformer leaking into storm drain over a month.						
<u>20020312</u> -0942	Lahaina Marina, Slip 30	Lahaina 96761	Maui	Water	Unknown Oil	1 Gallons
Caller reported an unknown sheen at Lahaina Marina, slip 30. Suspected RP unknown.						
<u>20020312</u> -1254	Fuel Sample Overfilled	Kaneohe 96744	Oahu	Asphalt/Concrete	Jet Fuel JP-4	25 Gallons
Fuel spill occurred when container used to take samples overfilled. Spill contained and cleanup in progress.						
<u>20020312</u> -1625	HELCO Pad Transformer #14571	77-6393 Kaheiau St, Kailua-Kona 96740	Hawaii	Soil	Shell Diala Oil	40 Gallons
Leak from rust-decayed transformer housing						
<u>20020312</u> -1834	20 gal JP-8 spill 596378	300 Rodgers Blvd, Honolulu 96819	Oahu	Concrete	Jet Fuel JP-8	20 Gallons
Jet fuel spilled onto concrete surface from transfer hose connected to storage tank. Absorbents applied.						
<u>20020313</u> -1537	Keolu Elementary School- Mercury Release	Enchanted Lakes	Oahu		Mercury	
Broken thermometer in Rm B-203: 5th-6th grades. Recommended Clean-up. Method: use of spill kit and allow ventilation.						
<u>20020314</u> -0815	Andy's Kahala Chevron	4346 Waialae Ave, Honolulu 96816	Oahu			
<u>20020314</u> -1130	Sanei American Corp, unknown powdery	1314 S King St, Honolulu	Oahu			
Unknown powdery substance in a FedEx package exposed. Mrs Yoshie Yamada- 591-8681. Requested analysis by SLD.						
<u>20020314</u> -1410	Field #741 approx. 1/8 mile from Waiko Road	Puunene 96784	Maui	Soil	Oil, Waste	1 Drum (55)
A 55 gallon drum containing used oil was illegally dumped adjacent to Field 741 approximately 1/8th mile from Waiko Road. There was no reelease from the drum.						
<u>20020315</u> -0000	Leaking Crack Weld Connection	Kapolei 96707	Oahu	Ocean	Cossack Crude	
Minor sheen resulted from droplets associated with a suspect crack weld connection at the SPM. The suspect equipment was removed from service until repaired.						
<u>20020315</u> -0915	Pier Bravo 18		Oahu	Ocean	Diesel Fuel Marine	1 Cups
Unknown sheen Diesel fuel Marine. 1 cup, absorbents used. Absorbents applied.						
<u>20020315</u> -1425	200 gal JP-8 spill to secondary containment	3201 Aolele St, Honolulu 96819	Oahu	Within Facility	Jet Fuel JP-8	200 Gallons
Calibrating meter pumping fuel in a circle, operator overfilled tank. Spill was to secondary containment, returned to tank via oil-water separator. No release to environment. Material spilled into second containment, secured operations.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
20020315 -1950	Oil sheen off a spin, reported by Tesoro	Kapolei 96707	Oahu	Ocean		
Oil sheen off a spin. Unknown origin. Contained in sausage boon. Gallons unknown but very small. Pull vacuum. 50' long x 10' wide oil sheen. Off-loading of Kyushu Spirit stopped.						
3/16/02, 0645: called Tesoro- George Pacheco. Divers expected at 0700. Lifted boom and boom not absorbing sheen. 1203: George Pacheco called- small leak- isolated line with a hairline crack CSPM buoy- upstream of value 34. Off-loading started with USCG watching.						
20020316 -2252	Hawaiian Air, fuel spill		Oahu		Jet Fuel	
Fuel spill on Hawaiian Air- aircraft DC10- #N140 from left wing vent. No spill into drain @ 8:20pm. Secure at 10:50pm. CDD. 20-25 gallon spill as they were filling plane. U3 paged 2253. U3 checked in 2254. (Notification Only).						
20020317 -1503	Makaha Surfing Beach, potential contamination	Makaha	Oahu			
Makaha River has not been flowing to the ocean for past 6 yrs. Recent rains and recently, homeowner near Makaha River helped release pressure, releasing contamination to ocean. Caller is concerned about high bacteria counts and other contamination. Referred to CWB. SOSC told caller that county has jurisdiction about posting signs "No Swimming." SOSC referred case to DOH CWB (Eugene Akazawa) on 3/18/02. Points of contact: 696-2487- Substation 4. (Capt Tenne, Lt Gouveia, or Lt KK).						
20020318 -1445	HECO pole-mount transformer #39373	45-255 Lilipuna Rd, Kaneohe 96744	Oahu	Soil	Shell Diala Oil	< 25 Gallons
Leak from rust-decayed transformer housings.						
20020318 -1515	Sniffen's Express bleach spill	275 E Waiko Rd, Wailuku 96793	Maui		Hypochlor 1250	
Sniffen's transported a load of 6 330gal totes of Hypochlor 1250 (bleach) from Young Bros. Dock to BEI Hawaii-Maui E Waiko warehse facility. When Sniffen driver was releasing the straps from the load, one strap snapped. (rest of report in SOSC Report). As one of the bleach tote was leaning over the left side of the truck, it fell off the truck and cracked. Approx. 180 gallons of bleach spilled onto our gravel-pavement base yard.						
20020319 -0856	Maalaea Harbor Sunken Yacht		Maui	Water	Oil, No. 2-D	2 Gallons
Sunken yacht released fuel from fuel vent. M/V Continum Pleasure is suspected RP						
20020320 -0000	Sheen from Oil/Water Separator	Kapolei 96707	Oahu			
A minor sheen resulted from planned maintenance to reconnect floating clean oil hose and clean "J tube" subsequent to repairing both ashore.						
20020320 -0839	Pier 21 Honolulu Harbor, storm drain dumping	Honolulu	Oahu			
Illegal dumping. Wet/dry vacuum sitting atop drain. Unknown quantity. Sample taken to UH lab. Requested DOT Harbors to clean it up. May have to put boom where storm drain enters ocean. 3/20/02, 2pm: Hydrocarbon C16-C19 heavy oil. DOT to hire Penco to clean it up. 3:30pm: completed oil collection drum at Pier 18. 3/21/02: Spoke with Bill Davis. Contracted with Penco. 1/2 55-gallon drum collected; sweep placed.						
20020320 -1214	Makakilo Drive, strong smell complaint	Makakilo Dr,	Oahu			
On 3/10/02, approx. 11:00pm, a female caller reported a strong smell believed to be coming from Campbell Industrial area. (This is the second message on the same complaint). 03/20/02, referred to CABPZ. (??)						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20020320</u> -1300	Kaaawa Beach Park, unknown compressed cylinder	51-244 Kam Hwy, Kaaawa	Oahu			
Compressed gas cylinder with unknown contents washed up on shore. Requested CPN from USCG. USCG took the lead removal conducted on 03/21/02.						
<u>20020320</u> -1425	Single Point Mooring sheen	Kapolei 96707	Oahu	Ocean	Unknown	1 Gallons
1 gal of oily water, doing maintanece work at SPM. Dissipate naturally.						
<u>20020321</u> -1256	Affordable Clinic, dumping	100 Dillingham Blvd, Honolulu	Oahu			
Allegation of auto repair shop dumping oil/anti-freeze into storm drain and Kapalama canal at night (~8:00pm). Owner: Mike (845-2583)- Waste put in Clorox bottles & thrown in Joint with HazWas. Used oil program. Informed USCG copy to clean water. 4/1/02: Spoke with Lois H of HW. They referred case to criminal AG and will keep HEER informed.						
<u>20020321</u> -1523	HELCO Transformer Oil Spill - Aloha Kona Drive	75-364 Aloha Kona Dr, Kailua-Kona	Hawaii	Concrete/Soil	Transformer Oil	40 Gallons
Transformer oil spill (PCB free) occurred over period of time and discovered on 1/16/02. Site of pad: Aloha Kona Dr., Kona Heights Subdivision, N. Kona Andrew Keith informed that transformer was replaced same day of discovery and cleanup completed 1/17/02. Written report to follow.						
<u>20020322</u> -2024	Stolt Inspiration		Open Ocean	Ocean	Oil	49 Barrels
Material spilled out due to incident during pumping operations. Pumping bilge holding tank release from boilers. 5 mile long sheen. Cause under investigation, turned around to follow sheen.						
<u>20020324</u> -0000	Sheen from Release of Oil/Water Mixture	Kapolei 96707	Oahu			
A minor sheen resulted from planned maintenance to reconnect floating clean oil hose and clean "J tube" subsequent to repairing both ashore.						
<u>20020324</u> -1006	Bunker oil 1 gal release	Kapolei 96707	Oahu	Ocean	Unknown	1 Gallons
Release from single point mooring, 1 gal bunker oil. Booms applied.						
<u>20020325</u> -0733	Noho Loa Bilge slops		Oahu	Ocean	Bilge Slops	1 Gallons
Released from vessel attempting to discharge ballast water, oil in line. Absorbents applied.						
<u>20020325</u> -1248	Sheen Pier 23-25	Honolulu	Oahu	Ocean		
Unknown sheen, Harbor police on scene, Coast Guard called. No source.						
<u>20020325</u> -1504	Tesoro Hawaii Single Point Mooring Release	Kapolei 96707	Oahu	Ocean	ANS Crude	< 1 Pints
intermittent sheens were observed on 2/22/02, at the Tesoro Hawaii Single Point Moring during the discharge of ANS crude from the Tanker "Overseas Boston". The discharge was shut down immediately.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>20020325</u> -1522	HECO - 2740 Leialoha Avenue	2740 Leialoha Ave, Honolulu	Oahu	Soil and hollow tile	Shell Diala Oil	15 Gallons
HECO pole-mount transformers #36109 (6 gallons), 36110 (3 gallons), 36111 (6 gallons). These three transformers were mounted together (three-phase bank) on HECO Pole #1/10. Rust-decayed transformer housings caused a leak.						
<u>20020326</u> -0819	3-3300 Kuhio Hwy, sewage spill	3-3300 Kuhio Hwy, Lihue	Kauai			
Some material released from a drain due to the drain being clogged up.						
<u>20020327</u> -0944	B Pier at entry		Oahu	Ocean		
Unknown sheen. None						
<u>20020327</u> -1137	Pier M3 release from small boat	Pearl Harbor 96860	Oahu	Ocean	Jet Fuel JP-5	0.5 Cups
.5 (1/2 cup) JP-5 release from partially submerged small boat. Vac truck used.						
<u>20020327</u> -1315	USS Salvor Diesel spill	Pearl Harbor	Oahu	Ocean	Diesel Fuel	0.5 Cups
Diesel fuel spilled from deck of military vessel into Pearl Harbor. Absorbents applied.						
<u>20020327</u> -1415	Bravo Pier Release	667 Safeguard St, Pearl Harbor 96860	Oahu	Ocean	Diesel Fuel	10 Gallons
Contractor pumping diesel fuel and water mixture from a vessel's tank to a portable tank pier side, the pier side tank overflowed						
<u>20020328</u> -1020	DRILL DRILL Barge Noa 5 barrels spilled DRILL DRILL		Maui	Ocean	Fuel Oil #6	5 Barrels
Material released from barge from ruptured transfer hose. DRILL DRILL Boom, absorbents applied DRILL DRILL						
<u>20020328</u> -1213	Vessel Water World Sinking	Kona	Hawaii	Ocean	Diesel Fuel	12 Gallons
Sail boat Water World sank. Being cleaned up through hull fitting.						
<u>20020328</u> -1420	Kahuku Sugar Mill	Kahuku	Oahu			
CH2M Hill discovered bunker oil-like substance in monitoring well. Well -->big gear =entrance & makai of facility. None. Caller wil submit 30 day written follow up.						
<u>20020330</u> -1900	Mercury Cleanup Lukahiu Pl.	Lukahiu Pl, Ewa 96706	Oahu	Other		
Respond and cleanup mercury release - Lukahiu Place.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>20020401</u> -1550	HCS Field 101 Abandoned Drums	1 Hansen Rd, Puunene 96784	Maui	Soil	Oil, Used	4 Barrels
<p>Four 55-gallon drums (two containing used oil, two containing used oil w/ chlorinated solvents) were illegally dumped on a field access road at Field 101 adjacent to Holomua Road in Hamkuapoko. One of the drums was overturned and released to the soil.</p> <p>Overpacked two drums. Absorbents placed on spilled material, Will excavate contaminated soil. Two drums contained hazardous waste, third had used oil.</p>						
<u>20020401</u> -1608	Pacific Island Paint, alleged dumping	Alamaha & Hanamau Sts, Kahului	Maui		Paint	
<p>5 gallons of white paint allegedly being dumped into storm drain. Reporter called fire & police depts who informed him to call DOH HEER.</p> <p>Called Maui DHO and left a message @ 438234 (?).</p> <p>4/2/02: Diluted paint- conflict between landlord and tenant. Roland of Maui DHO went yesterday to investigate and only found very diluted spilled paint. Inspector didn't see a problem. No paint reached the storm drain. NFA at this time.</p>						
<u>20020402</u> -1100	Abandoned Drums, Omapio Field 413	1 Hansen Rd, Puunene 96784	Maui	Soil	Waste Oil	2 Drum (55)
<p>2 55-gallon drums found in sugar canefield, Omapio field 413. No spill occurred.</p>						
<u>20020403</u> -1245	Unknown slick sighted less than quarter mile NNW of mouth of Honokohau Harbor	Kona	Hawaii	Ocean		
<p>Unknown slick sighted less than quarter mile NNW of mouth of Honokohau Harbor.</p>						
<u>20020404</u> -0826	Fugitive Drums Leaking	87-844 Meaulu Rd, Maili 96792	Oahu	Soil	Unknown	1 Drum (55)
<p>Postal Worker sighted 2 drums releasing an unknown liquid behind the Church of Christ building at 87-844 Meaulu Road , Maili, Oahu , Hi</p> <p>SOSC to assess situation.</p> <p>4/9/02 L Galvez and T. Corpuz conducted site visit. Found 2 drums present-1 drum empty, 1 drum filled with solid waste. Referral to Solid Waste Branch by Liz Galvez 4/11/02</p>						
<u>20020408</u> -1655	HELCO pad-mount transformer #25338	Alii Dr, Kailua-Kona 96740	Hawaii	Soil	Shell Diala Oil	102 Gallons
<p>Leak from impact of vehicle accident.</p>						
<u>20020410</u> -0520	Southern Ocean Services Bilge Slops	Honolulu	Oahu	Water	Unknown	10 Gallons
<p>Bilge slops released from a bilge pump due to an operational error.</p>						
<u>20020411</u> -0820	Pier 40 Honolulu Harbor Diesel Sheen	Honolulu	Oahu	Ocean		
<p>Sheen sighted.</p>						
<u>20020411</u> -0940	Drum floating in ocean pickup by USCGC Walnut		Open	Ocean		
<p>Unknown drum was floating offshore, picked up by USCGC Walnut.</p> <p>USCGC Walnut picked up drum.</p>						
<u>20020411</u> -1000	Honolulu Inter-island Terminal Ramp #89		Oahu	Asphalt	Unknown	1.5 Gallons
<p>Hawaiian Air DC10 Aircraft #N152AA had a leak in #2 engine. Did not reach drainage system.</p>						

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<u>Case No.</u>	<u>Site Name</u>	<u>Street Address, City</u>	<u>Island</u>	<u>Media</u>	<u>Substances</u>	<u>Quantity</u>
20020411 -1045	Hawaiian Airlines, DC 10	Honolulu	Oahu	Asphalt	Jet Fuel A	250 Gallons
DC-10 aircraft parked at the Honolulu Inter-Island terminal on the Elliott Street side leaked Jet-A fuel while it was under going mechanical repairs. Approximately 250 gallons of fuel was released.						
20020411 -1413	Twenty (20) gal JP-8 spill	Honolulu 96819	Oahu	Cement	Jet Fuel JP-8	20 Gallons
Release of material from aircraft due to heat expansion. Asorbents applied, cleanup completed.						
20020411 -1904	Crude Oil Leak		Hawaii		Unknown	5 Gallons
A pin hole leak in a pipe line caused a release of oil onto deck.						
20020412 -1325	Red Hill Tank	Honolulu	Oahu		Jet Fuel JP-5	
Caller reported a release of material from storage tank due to malfunctioning equipment. Report made after RP reviewed contractor's finding report (Nov. 2001). Tank had a 8th - 9th/1000" hole.						
20020412 -1503	Koko Malei St gas release--Hickam	Koko Malei St, Hickam Air Force Base 96818	Oahu	Asphalt	Gasoline, Unleaded	15 Gallons
Release of material from discharge pipes due to operator error. Absorbents applied, cleanup completed. Tesoro called NRC as PRP, Leonard Beppu, Ph. 547-3722.						
20020412 -1811	Captain Bean Party Cruises spill	Kailua-Kona	Hawaii	Ocean		
Material spilled out of party cruise vessel due to unknown causes. None						
20020413 -1453	Right wing 25 gal JP-8 spill	Honolulu 96819	Oahu	Concrete	Unknown	25 Gallons
Right wing fuel vent vented fuel when it was over filled. Contained with absorbent pads.						
20020413 -1900	Vessel Boticolo sinking	Hawaii Kai	Oahu	Ocean	Gasoline, Unleaded	50 Gallons
Material spilled out of suspected responsible party vessel due to vessel sinking. None						
20020415 -1130	Storage Tank overflow	2655 Waiwai Loop, Honolulu 96819	Oahu		Unknown	50 Gallons
Above ground storage tank located at 2655 Waiwai Loop overflowed during the fueling process. No injuries were incurred. Aloha Petro. and Alakai Mechanical Corp. employees contained the spill and and prevented spilled material from entering storm drain.						
20020415 -1357	Fuel release from sinking pleasure craft	Hawaii Kai	Oahu	Water	Gasoline	
Pleasure craft sunk and fuel was released into Koko Marina.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
20020415-1731	Alakai Mechanical, gas spill	2655 Waiwai Loop, Honolulu 96819	Oahu			
50-gallon gas spill at 12pm. The cause is overflow of AST. 1740: Robert did not know anything about the spill.						
20020417-0834	Unknown sheen 599934	1741 Ala Moana Blvd,	Oahu	Ocean		
Unknown sheen. None						
20020417-1204	Puu Manawahua, Honouliuli site, DLNR	Makakilo	Oahu		Transformer Oil	
Discovered 2/11/02 removing 7 transformers. 2 PCBs. 0.038 mg/kg ND. 1 of non PCB leaking. To submit written report.						
20020417-1900	92-1199 Hookena Street, alleged strong odor	92-1199 Hookena St,	Oahu			
Strong chemical smell. Happened approx. 6:30-7pm. Requested caller to walk around, talk to neighbors, conduct further investigation.						
20020418-1015	International Express Inc	98-715 Kuahao Pl,	Niihau	Soil		50 Gallons
Hazmat I on scene. 40-50 gallon diesel spill into soil by International Express Inc. SOSOC informed at 1123. Left message for HFD Hazmat Capt Buchart to obtain more info.						
20020418-1330	Ace Hardware incident, Capt. Cook	Kealakekua Ave, Kailua-Kona	Hawaii			
A female employee, Korleen Llanes, was taken to the hospital by store manage, Dave Heft. The person became ill while working in a Matson container. A second employee, complained of headaches, etc.						
HazMat enroute from Hilo. ETA: 2 hours. 4/18/02, 2:31pm, inhalation problems treatment. 4:21pm, Larry Shiro HazMat suspects it's carbon monoxide from the forklift: multi-gas meter used by HazMat. 5/3/02: Report from Hawaii DHO 4/26/02 received. NFA.						
Ace Hardware, Capt Cook: A female employee, Korleen Llanes, was taken to the hospital by store manager, Dave Heft. The person became ill while working in a Matson container. Kona Community Hospital alerted the Fire Dept of a possible HAZMAT incident. A second employee, Paul Medeiros, complained of headache, nausea, and dizziness. He also was later taken to the hospital but more as a precautionary measure. The Matson container was placarded with poison, corrosive and flammables. The driver, Rudy Pacula, did not have any shipping list. The Fire Dept reported no visible breakage or spills in the container. The Fire Dept requested that the company identify the products. Results of the blood test for carbon monoxide 2.4 for both employees. One patient smoker, the other non-smoker. Normal for non-smoker is 0.0-1.5. Normal for smoker is 0.0-10.5.						
20020418-1500	Pali Lookout road townbound, alleged leaking		Oahu			
55-gallon drum						
Leaking 55-gallon drum by Pali lookout. DLNR requested that DOH conduct cleanup and to cost recover after clean up is done. Unable to locate drum. Complainant is supposed to show DLNR location of drum. POC- DLNR's Dave Smith 973-9786; Billy Palmerton 341-4202.						
20020421-1230	Release of transformer oil from fallen pole	941 Koloa St, Kahala 96816	Oahu	Storm Drain	Transformer Oil	30 Gallons
Release of material from pole mounted transformer due to pole falling down. 5 gal down stormdrain. Cleanup underway. Oil did not contain PCB's.						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>20020422</u> -1130	67-088 Nauahi St	67-088 Nauahi St, Waialua 96791	Oahu	Storm Drain	auto liquids/ wash water	
Daily (7 days) vehicle degreasing and washdowns from residence into storm drain, down to the ocean (all day). Caller suggests commercial operation in residential area (home Forward to CWB for follow up. Mr. Higgins requests a follow-up phone call on whether legal activities or not at the spill site. Contacted CWB 10/09/2002 for status report regarding possible illegal washdown operation. Contacted Lester Muramoto-Clean Water Branch for followup. Referral made to Peter Chiu Honolulu City and County Stormdrain Water Quality Office 4/23/02						
<u>20020422</u> -1336	Right wing 15 gal spill	Honolulu 96819	Oahu	Concrete	Jet Fuel	15 Gallons
Jet fuel spilled from right wing on aircraft due to heat expansion. Absorbent material used to cleanup fuel. Caller states: fuel has been completely cleaned up.						
<u>20020422</u> -1502	HECO pad-mount transformer #49162	173 Kahako St, Enchanted Lake 96734	Oahu	Soil and grass	Shell Diala Oil	> 25 Gallons
Leak from rust-decayed transformer housing						
<u>20020422</u> -1503	HECO pad-mount transformer #36329	486 Kawaihae St, Honolulu 96825	Oahu	Soil and gravel	Shell Diala Oil	20 Gallons
Leak from rust-decayed transformer housing						
<u>20020423</u> -1415	Schofield Barracks 35 Gallon Hydraulic Oil Spill	Tribble Rd, Schofield Barracks 96857	Oahu	Asphalt	Hydraulic Oil	35 Gallons
On April 3, 2002 35 gallons of hydraulic oil spilled due to a broken vehicle hydraulic line. Hydraulic fluid spilled on the asphalt and soil below. Location: G-3 Container Yard on Tribble Road by Bowen Park.						
A written followup was received 4/24/01. Cleanup operations and soil removal completed and soil samples taken to confirm no further contamination. Telephone contact-Clifford Takenaka Public Works(Environmental Division) 656-2878 ext 1049						
<u>20020423</u> -1445	Pohakuloa Training Area	Saddle Rd, Hilo 96720	Hawaii	Soil	Hydraulic Oil	45 Gallons
Located a hydraulic oil spill. Has been on ground for over 72 hours. 3 quarters of a mile between spills.						
<u>20020425</u> -0925	Possible Vehicle Repair Shop	Honokaa	Hawaii	Air		
Neighbor has a vehicle repair shop next door. Area smells like 90 weight gear oil. Car, batteries, radiators, rear ends (cars and trucks), are on the property. Referred to SHWB. According to neighbor, Ed Yamamoto (DHO Big Island), visited site, but did not see oil stains. However, not sure how Ed investigated considering reporter still sees the mess.						
<u>20020425</u> -1225	Compressed gas cylinder washed ashore on Coconut Island	Kaneohe 96744	Oahu	water		
Compressed gas cylinder washed ashore on Kaneohe side of the island. Cylinder is 2.5 feet long x 3 feet circumference. Very rusty, valves of on each end. Terry and Mike to investigate.						
<u>20020426</u> -0930	Ala Wai Boat Harbor, 500 Piers		Oahu	Water	Unknown	7 Gallons
RP drove a vehicle over a berm, entered water and caused a release of materials.						

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HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE ACTIVITIES FOR FY 2002

Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>20020428</u> -0740	Low Sulfur Fuel Oil	91-480 Malakole St, Kapolei 96707	Oahu	Soil	Low sulfur fuel oil	30 Barrels
Flange leak occurred from Tank 165 following the transfer of product, resulting in Low Sulfur Fuel Oil being spilled to grade.						
<u>20020428</u> -2135	Abandoned Diesel Can - Mililani	Mililani 96786	Oahu			
Respond, transport and dispose of abandoned diesel can in Mililani.						
<u>20020428</u> -2330	Mercury Cleanup 2232A Ahele Ct.	2232A Ahele Ct, Wahiawa 96786	Oahu			
Respond and cleanup mercury release - Ahele Ct., Halemano Military Reservation						
<u>20020430</u> -1030	Ward St. Storm Drain	Ward Avenue, Honolulu 96814	Oahu	Storm Drain		
Respond to spill at Ward Ave storm drain.						
<u>20020502</u> -0930	Spill at Kahana Beach Maui	Maui 96761	Maui			
Respond to spill at Kahana Beach, Maui.						
<u>20020502</u> -1242	USS Chosin Fuel Release at Pier B11		Oahu	Water	Oil	20 Gallons
An oily water material was inadvertently discharged into Pearl Harbor from a fuel oil tank on a military vessel.						
<u>20020503</u> -1011	M/V Ten J		Hawaii	Ocean		
Oil and fuel in water coming from the vessel. Dissipated						
<u>20020503</u> -1036	Overflow fuel spill - Vessel Nohea	Pier 30, Honolulu 96817	Oahu	Water	Oil, #2-D	6 Gallons
Material released out of the vessel's fuel tank due to an overflow. PRP: Smith Maritime.						
<u>20020503</u> -1052	Vessel Nuuanu	Pier 21, Off of Port Anchorage Honolulu Harbor,	Oahu	Water	Crude Oil	10 Gallons
Drill Report: A transfer hose on a barge ruptured causing the material to spill into Honolulu Harbor. Drill Report. No action required. Drill report.						
<u>20020503</u> -1233	Vessel Sinking at Harbor		Hawaii	Ocean	Gasoline	
Caller reported a vessel sinking at harbor due to unknown causes.						
<u>20020503</u> -1530	Spill Cleanup 291 Kawaihae St.	291 Kawaihae St, Hawaii Kai 96825	Oahu	Storm Drain	Oil	
Respond to spill at 391 Kawaihae St., Hawaii Kai						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
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Incident Description

20020506-0743	Tesoro Refinery Single Point Mooring May 6, 2002 Crude Oil Spill (1 barrel)	Kapolei 96707	Oahu	Ocean	Crude Oil	1 Barrels
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On May 6, 2002 one barrel of crude oil spilled due to a crack at the single point mooring on the turntable under the battery limit box.

Written 5/24/02 Internal piping failure within SPM allowed product to fill void space in SPM, causing hairline crack in SPM turntable deck plating. Turntable crack allowed product to leak from void space and drip off the SPM. Response: Vessel stationed at site during discharge operations responded immediately deploying containment boom and tending vessel, Sorbent sweep was deployed. OSRV Hawaii Responder and Clean Islands were dispatched. OSRV deployed additional sorbents for sheen recover. Sheen dissipated

20020506-1725	Waiialua Beach Cleanup		Oahu	Other		
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Respond to beach cleanup @ Waiialua Beach, Oahu.

20020507-1310	Former Pepeekeo Mill, old plantation land	1 Mill Rd, Pepeekeo	Hawaii			
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Uncovered ~12 drums of varying degrees of integrity, drums containing grease and lube oils. Hydrocarbon odor. Approx. 75-100 ft long x 25 ft width. Former owner was Maunakea Agribusiness, now a C.Brewer property.

Half covered mound with high grass, also discovered steel; tires. C Brewer to conduct removal. Ensure that no active release doesn't look like release carried down gradient. 6/3/02: D.P. to meet with Mike Cripps tomorrow.

20020507-1349	Maalaea Harbor, sheen sighting 602819	Kihei	Oahu	Ocean		
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Sheen in water.

Absorbents applied, investigation underway.

20020507-1847	Motor Oil released from cart	300 Rodgers Blvd, Honolulu 96819	Oahu	Storm Drain	Motor Oil	2 Quarts
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Material released from cart due to equipment failure. 5/9/02 @ 7:55 Kiersten Hegna called in same report, ph 612 727-0368. Spill on pavement, outside plant maintenance shop. With rain went into ditch.

Absorbents deployed. 5/9/02 @ 7:55 Cleanup booms used . Pads on pavement. Steam cleaned pavement.

Caller stated material entered storm drain as sheen on water, it was rainy. Amount entering storm drain a minute amount.

20020508-0234	Broken hose on air conditioning cart	300 Rodgers Blvd, Honolulu 96819	Oahu	ditch	Compressor Oil	2 Quarts
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Broken hose on air conditioning cart released compressor oil onto the ground.

Collected material with boom, steam cleaned pavement.

20020508-0945	Release of Nitric Oxide & Nitrogen Dioxide	1 Hansen Rd, Puunene 96784	Maui	Air	Nitrous Oxide	
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Initial continuous release of Nitric Oxide & Nitrogen Dioxide from boilers due to regular fuel burning . Boilers 1, 2, 3
N/A Federally permitted release from grandfather sources. New EPA guidance require such notification to the HSERC & LEPC.

20020509-0820	West Loch shoreline park, dead fishes	Honolulu 96706	Oahu	Water		
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30-40 dead fishes in pond. Species= Awa.

Notified DLNR: Aquatic Resources-Mike Kaneshiro. Federal Fish & Wildlife-Mike Silbernagle. Referred to CWB for followup. Cause of fishkill was probably low dissolved oxygen levels. C/C removed approx. 40 fishes.

Monday= fish were seen breathing at surface. Tuesday= fish dead. Thursday= fish removed, small fishes observed in pond. Pond is not protected refused area.

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20020509</u> -1346	Vessel Chosin					
<u>20020510</u> -1258	Sheen from storm drain Sheen coming from storm drain. Booms applied.	667 Safeguard St, Pearl Harbor 96860	Oahu	Ocean		
<u>20020510</u> -1339	Port Allen Small Boat Harbor, light sheen Patches of light sheen appr 20' x 70' are covering the Port Allen small boat harbor. Extending from loading dock out into harbor. State O/S and placed pads along breakwall to collect.	Koloa	Kauai		Diesel Fuel #2	5 Gallons
<u>20020510</u> -1425	Pearl Harbor Navel Shipyard A mixture of petroleum and water spilled into the water from the Bravo Pier At Pearl Harbor Naval Shipyard & Intermediate Maintenance Facility	667 Safeguard St, Pearl Harbor 96860	Oahu	Ocean	Unknown	0.0625 Gallons
<u>20020510</u> -1530	Nitric Oxide release Release of material due to power dip, malfunction--route to flare allowed <10 lbs per day. Restored power and restarted the unit, investigation underway.	91-480 Malakole St, Kapolei 96707	Oahu	Air	Nitrous Oxide	
<u>20020510</u> -1602	Mokauea & Hart Streets, abandoned 55-gallon drum Abandoned 55-gallon drum containing used oil; contents spilled on Hart St. HFD responded and threw absorbent material preventing material from entering the storm drain. Site visit conducted- HPD Report No. 102-175018. Removal done by C/C Road Crew.	Mokauea & Hart Sts, Honolulu 96819	Oahu			
<u>20020511</u> -0902	Sheen 603482 Unknown sheen.		Oahu			
<u>20020511</u> -0957	Household Hazardous Waste 20th Avenue Unknowns in 4x1 gallon jugs. Site visit was made. Samples taken. HHHW. Delivered materials to Household hazardous waste collection.	807 20th Ave, Honolulu	Oahu	Drum or Other Container	Chlordane, 2,4-D, 2,4,5,-T	4 Gallons
<u>20020512</u> -1301	Second Nitric Oxide release As a safety measure, process gas was directed to the flare during a pressure valve activation at the Fluid Catalytic Cracker Plant. During the flaring process Nitric Oxide is naturally formed as a byproduct of combustion. Once the pressure was released, the plant returned to normal conditions and there was no offsite exposure. There were no known or anticipated acute or chronic health risks associated with this release	91-480 Malakole St, Kapolei 96707	Oahu	Air	Nitric Oxide	

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20020512</u> -1352	Plume heading to Ewa	91-325 Komohana St, Kapolei 96707	Oahu			
Plume heading to Ewa, possible exceedance of emission standards. Cause: power outage @ 13:50 resulting in release to flare. Contacted DOH/Clean liaison. Tesoro notified at 14:43 of excess sulfur dioxide (500 lbs). Excess Nox (10 lbs).						
<u>20020512</u> -1357	91-480 Malakole Street	91-480 Malakole St, Kapolei 96707	Oahu	Air	Nitric Oxide (NTX)	500 Pounds
Problem with the fluid cracker resulted in the rerouting of gases to the flare. 500 lbs of Nitric Oxide (NTX) was released.						
<u>20020514</u> -1115	HECO Vault #3375 (Transformer #30391)	46-047 Kamehameha Hwy, Kaneohe	Oahu	Asphalt		
Transformer Vault 3375 reported leaking; oil leaking off pad onto asphalt Notified HECO - Andy Keith. 5/16/02 1257: According to Andy Keith, their records indicate that since the transformer was built in 1973, it is at least possible that it may contain PCB. 5/20/02: According to Andy Keith, the transformer oil was tested on 10/19/99 and contained 20 ppm Alachlor 1242. Estimated spill is greater than 10 gallons. Pework is being done to replace transformer. 5/21/02 0833: Removal of transformer postponed until June 11 which corresponds with Kamehameha Holiday. A temporary tarp has been placed, and they will monitor to change the kitty litter. 6/13/02: Transformer was changed on 6/11 as planned. Residents were provided with ear plugs as a precaution to control potential noise. 7/1/02 1532: Letter received from HECO of preliminary results. 8/27/02: Contacted Andy for final lab report and he will mail to HEER. 8/28/02: Received follow-up letter from HECO. 8/30/02: Received data report from Environmental Services Network. 9/13/02 0802: Based on the documents received, a determination has been made that no further						
<u>20020515</u> -1337	USS BUFFALO Release		Oahu	Water	Fuel and water	50000000 CBF
Material released from a vesel while unloading due to a hose leaking.						
<u>20020516</u> -0846	Vault 4712, alleged leaking transformer	Honolulu	Oahu			
Under HI viaduct, next to bike lane, across JN, truck leasing area. Hawaiian Electric central pond- on ground on Nimitz, mauka side. Called them a year ago and responded throwing pellets. Not owned by HECO according to Andy Keith. 5/21/02: Stan Fujino of State Highways (837-8056) will do work on their side. Coordination with HECO needed. Not putting any oil, supposedly PCB free.						
<u>20020516</u> -1100	Kalaniana'ole Hwy, white unknown substance	Kalaniana'ole Hwy,	Oahu			
White unknown- Kalaniana'ole Hwy. Waa & Poola storm drain culvert discharging to ocean eventually. Suspected source: 1429 Laamia St. All Pool & Spa. Identified CWB (Paul Neilsen) and C/C (Greg Lee).						
<u>20020517</u> -0901	Unknown Sheen		Maui	Ocean	Unknown Oil	
Unknown sheen sighted in harbor. Sheen size: 20 ft long, 4 ft wide.						
<u>20020518</u> -1013	Fuel Spill - Gate 13	300 Rodgers Blvd, Honolulu 96819	Oahu	Concrete	Jet Fuel JP-8	10 Gallons
Release 10 gallons of Jet fuel (JP-8) from the left wing of plane during fueling.						
<u>20020519</u> -0743	Lanai Harbor Oil sheen	Lanai Harbor, Lanai	Lanai	Ocean	Oil	
Unknown oil sheen 100 meters by 20 meters.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>20020523</u> -0958	CIC Diesel Spill, Hilo Harbor- Drill		Oahu	Ocean	Fuel Oil #2	10 Barrels
THIS IS A DRILL/// 10 barrels of oil (no. 2-D) was released from a loading hose connected to the Barge due to a faulty hose. /// THIS IS A DRILL.						
<u>20020523</u> -1051	Anin-Piikoi Building Chemical Spill	1012 Piikoi Street, Honolulu 96814	Oahu	Soil	dieldrin	
Presumed release was discovered after the laboratory analysis of soil samples collected on April 19, 2002, form stained soil indicated the presence of Chlordane, dieldrin, and fluoranthene exceeding Tier 1 Soil Action Levels.						
<u>20020523</u> -1051	Anin-Piikoi Building Chemical Spill	1012 Piikoi Street, Honolulu 96814	Oahu	Soil	fluoranthene	
Presumed release was discovered after the laboratory analysis of soil samples collected on April 19, 2002, form stained soil indicated the presence of Chlordane, dieldrin, and fluoranthene exceeding Tier 1 Soil Action Levels.						
<u>20020523</u> -1051	Anin-Piikoi Building Chemical Spill	1012 Piikoi Street, Honolulu 96814	Oahu	Soil	Chlordane	
Presumed release was discovered after the laboratory analysis of soil samples collected on April 19, 2002, form stained soil indicated the presence of Chlordane, dieldrin, and fluoranthene exceeding Tier 1 Soil Action Levels.						
<u>20020523</u> -2143	956 Maluniu Street, Kailua Storm Drain	956 Maluniu Street, Kailua 96734	Oahu	Storm Drain	Paint	
Anonymous party reporting incident observed a person carrying a full 5-gallon bucket toward a storm drain. Reporter observed the same person walking away from the storm drain with a lighter bucket and observed white material in drain and on grate.						
<u>20020524</u> -1240	AirForce/Nave	880 Front St, Lahaina, Maui 96761	Maro	Air and Water	Carbon Dioxide	
Report of release of carbon dioxide from liquid gas tanks into the air and water due to experiments for the Kyoto Protocol Agreement w/ the United Nations.						
<u>20020524</u> -1504	Waiau Generating Plant Transformer Leak	475 Kamehameha Hwy, Pearl City 96782	Oahu	Soil	Low level PCB	
Substance release discovered during soil sampling @ Waiau Power Plant, Unit 5 main transformer. Sample showed low level PCB (high reading of 46 ppm). Sample taken on 4/30/02, 11:00 am. No leak at this time.						
<u>20020524</u> -1640	Kaneohe Bay Sheen, 100 yd X 20 ft	47-344 Kamehameha Hwy,	Oahu	Ocean		
Sheen reported in Kaneohe Bay. Sleek said to be over reef toward Heeia.						
<u>20020530</u> -0934	CIC Drill - Kahului Harbor	Kahului Harbor, Pier 3, Kahului	Maui	Ocean	Diesel Fuel #2	
///DRILL/// Caller stated that a tank overflowed through a vent on a barge. 10 barrels of fuel oil no. 2-D spilled.						
<u>20020530</u> -1406	USS Elliot Diesel Fuel Spill	Pearl Harbor	Oahu	Ocean	Diesel Fuel	50 Gallons
Release of diesel from vessel during fuel transfer to burp.						
<u>20020607</u> -0808	Abandoned Oil Buckets at Mahinaau St.	Waianae 96792	Oahu			
Respond, cleanup and package abandoned oil buckets @ Mahinaau St.						
<u>20020607</u> -1141	CIC Drill - Kalaeloa Barge Harbor	Kalaeloa Barge Harbor, Oahu	Oahu	Ocean	Diesel Fuel #2	
///DRILL/// Drill caller reporting a release of material from an overflow of a vent on a Barge at Kalaeloa Barge Harbor. 6 barrels of No. 2-D generating a sheen of 100 yards by 30 yards. Vessel: Pinto, No. H0123.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20020607</u> -1419	Release at Chevron Products Company Hawaii Refinery, a Chevron Texaco Company	91-480 Malakole St, Kapolei 96707	Oahu			
Continuous release of SO2						
<u>20020608</u> -0000	Single Point Mooring Changeout Project	Kapolei 96707	Oahu	Ocean		
Upcoming maintenance, request releases that occur from operations be considered single event. Operations should last 14 days. Report inputed.						
<u>20020608</u> -1204	Jet Fuel (JP-8) Spill	Honolulu 96819	Oahu	Concrete	Jet Fuel JP-8	25 Gallons
Release of Jet Fuel 8 from plane during fueling due to equipment failure.						
<u>20020611</u> -1135	Kewalo Basin Sheen, Fishing Vessel Kona	Honolulu 96814	Oahu	Ocean	Oil	
Material released from a vessel due to unknown cause. 50 yards by 50 yards sheen in ocean.						
<u>20020612</u> -1721	USN - USS Chosin Diesel Oil Sheen	Pearl Harbor	Oahu	Ocean	Diesel Oil	4 Gallons
Release of four gallons of fuel oil from USN-USS Chosin due to operator error. 30x10 feet sheen.						
<u>20020613</u> -1435	Barbers Point Harbor Sheen (Less Than 1 Pint)	Kapolei 96707	Oahu	Water		
Caller reported sheen in harbor at Kapolei. Less than 1 pint and has dissipated. No action taken						
<u>20020613</u> -1907	Ala Wai Harbor Sunken Vessel		Oahu	Ocean		
Caller reporting a sunken vessel in the 800 row of Ala Wai Harbor. There is a potential for a release of materials.						
<u>20020615</u> -0335	Honolulu International Airport Jet Fuel Spill	300 Rodgers Blvd, Honolulu 96819	Oahu	Concrete	Jet Fuel JP-4	20 Gallons
20 gallons of jet fuel (JP-4) spilled out of a fuel cart due to a leak within the cart.						
<u>20020615</u> -0715	Honolulu Harbor Pier 41	Honolulu	Oahu	Ocean	Crude Oil	10 Gallons
Release of crude oil from buoy in dry dock (Pier 41) due to running water hose.						
<u>20020618</u> -1356	Chevron Refinery June 10, 2002 Nitric Oxide Release	91-480 Malakole St, Kapolei 96707	Oahu	Air	Nitric Oxide	> 10 Pounds
EPCRA reportable quantity exceedence (ten pounds within a 24 hour period) of Nitric Oxide.						
<u>20020618</u> -1357	Field 910 Hydraulic Oil spill	1 Hansen Rd, Puunene 96784	Maui	Soil	Hydraulic Oil	100 Gallons
Hydraulic crane line ruptured spilling 100 gal hydraulic oil. 6/25/02 written: HC&S field 910 adjacent to lower Maalaea Hauler Road. Line failed, oil sprayed, ignited and caused fire. Burned other hydraulic hoses, resulting in total release, to soil. Cleaned up and trying to remove vehicle. Will excavate contaminated soil to treatment facility for treatment possibly tomorrow. Written: Soil excavated, taken to company's bio-remediation facility. About 15 ton of soil in facility for processing						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>Incident Description</u>						
<u>20020618</u> -1358	Field 910 of Hawaiian Commercial & Sugar Company	Puunene 96784	Maui	Soil		
A hydraulic line in a harvesting crane failed during sugarcane loading operations. The ensuing oil spray ignited and caused a fire that burned several other hydraulic hoses resulting in a total release of roughly 100 gallons.						
<u>20020618</u> -1413	Abestos lined water pipe ruptured	92-200 Farrington Hwy, Kapolei 96707	Oahu	Soil	Asbestos (Pipe insulation)	15 Pounds
Water line ruptured , 15 lbs of asbestos insulation spilled on 6th floor boiler and into air. Hired contractors and used own asbestos qualified employees to remove material. Wet and sweep up asbestos,put in double bags for disposal by Ohana Environmental . Written 7/5/02 Ruptured line was isolated, halting release. cont SOSC area isolated from non-asbestos qualified personnel. Continued action as called in. Cleanup finished 06/20/02 at 12:00.						
<u>20020620</u> -1555	Honolulu Harbor, Pier 1	Honolulu	Oahu	Ocean	Diesel Fuel	2 Gallons
Fuel spill due to punctured fuel tank caused by forklift. Penco contracted for cleanup.						
<u>20020620</u> -1628	Healytibbon Builders Inc	99-994 Iwaena St, Aiea 96701	Oahu	Water	Hydraulic Oil	0.5 Gallons
Release due to a hydraulic fitting breaking on a drill.						
<u>20020621</u> -1442	Komohana St & Kalaeloa Blvd	91-325 Komohana St, Kapolei 96707	Oahu		black oil	
Discovery of a leak in their black pipeline running to Deep Draft Harbor. The pipeline failed a pressure test conducted on 6/18/02. Tesoro is searching for the leak.						
20020622-1818	Aloha Airlines Jet Fuel Spill	Honolulu	Oahu	Concrete	Jet Fuel JP-8	10 Gallons
Jet Fuel (JP-8) spilled out of the left wing of and airplane due to the plane tank venting. 10 gallons were released.						
<u>20020623</u> -1146	Lurline Vessel Cleaning Solution Spill on Deck	Lurline,		Ship Deck	NA 1760 Cleaning Solution	1 Gallons
Caller reported a release of material discovered on the deck of the Lurline due to a leaking container. One gallon of NA 1760 Cleaning Solutions.						
<u>20020624</u> -1012	CIC Drill # 612922, Honolulu Harbor Pier 34	Honolulu Harbor, Honolulu	Oahu	Ocean	Diesel Oil	1 Barrels
This is a Drill/// 5 barrels of diesel oil released with 1 barrel entering the ocean at Honolulu Harbor, Pier 34. Release due to operator error on vessel Pinto. Sheen is 75 feet by 75 feet. DRILL						
<u>20020624</u> -1245	Honokohau Harbor Diesel Oil Sheen	Kona	Hawaii	Ocean	Diesel Oil	
Unknown sheen discovery in Honokohau Harbor. 300 feet by 40 yards. Diesel oil.						
<u>20020625</u> -1654	Tesoro Hawaii Corp Equipment Failure	91-325 Komohana St, Kapolei 96707	Oahu	Ocean	Crude Oil	0.5 Pints
Crude oil spilled into the ocean from a transfer hose connected to a bouy. Spill created sheen which later dissipated.						

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Case No.	Site Name	Street Address, City	Island	Media	Substances	Quantity
<u>20020626</u> -0714	Ocean Fronting 74-381 Kealakehe Pwy	74-381 Kealakehe Pwy, Suite L, Kailua, Kona	Hawaii	Ocean	Oil	
Unknown source sheen in ocean (20ft by 20ft).						
<u>20020626</u> -0950	Kawaihae Ranch Headquarters Diesel USTs	Naalehu 96777	Hawaii	Soil	Diesel Fuel	
Removed 3 USTs on 03/06/02. Analytical results indicated presence of diesel in soil.						
<u>20020626</u> -0955	Kawaihae Ranch Headquarters Weedone Release	Naalehu 96777	Hawaii	Soil		440 Gallons
Found 8x55 gallon drums. 1 was diesel, 7 were Weedone herbicide.						
<u>20020626</u> -1300	Sand Island, soil contamination	Honolulu	Oahu	Soil	Lead	
50-acre parcel. Soil contamination containing lead above DOH's Tier I action level of 400mg/kg and total petroleum hydrocarbons; groundwater samples from monitoring wells containing ethylbenzene and lead.						
<u>20020627</u> -1015	Hale Kapuna	Cooke & Halekauwila Sts, Honolulu 96813	Oahu	Asphalt	Latex Paint	
Lee Contracting (paint contractor) disposing of paint cans in dumpster. Dumpster is leaking paint. None. Not hazardous substance nor emergency. Incident was referred to Solid Hazardous Waste Branch.						
<u>20020627</u> -1122	Kauai Electric Division Fallen Transformers	4463 Pahee St, Lihue 96766	Kauai	Soil	Transformer Oil	50 Gallons
Two 50 kva pole-mounted transformer's fell to the ground releasing approx. 50 gallons of insulating oil. Location of incident: Across street from Princeville airport 5-3541 Kuhio						
<u>20020627</u> -1518	Healytibbits Builders Inc. hydraulic oil release at Pier S-10, Pearl Harbor	Pearl Harbor	Oahu	Ocean	Hydraulic Fluid	1.5 Gallons
Release of 1.5 gallons of hydraulic fluid from hammer due to ruptured hose.						
<u>20020627</u> -1620	Sandy Beach Propane Cylinder	Sandy Beach, Honolulu 96825	Oahu		Propane	
Respond to cylinder for disposition. Contractor contacted for disposal.						
<u>20020628</u> -1148	Bilger Hall, found mercury	Honolulu 96822	Oahu	Storm Drain	Mercury	
Found mercury in building storm drain catchment. None.						
<u>20020629</u> -0748	Waianae Boat Harbor, 100 x 100 yds unknown sheen	Waianae 96792	Oahu	Ocean	Oil	
Unknown sheen at the Waianae Boat Harbor 85-371 Farrington Hwy of unknow quantity.100 yds by 100 yds sheen.						

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