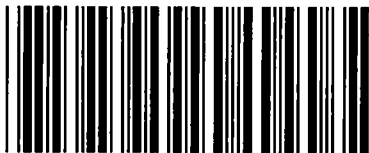


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Report to the Legislature

Document Number



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Document Date and Subject:

**1/31/1999 Report to the 19th Legislature, State of Hawaii, 1998, pursuant to
HRS Chapters 128D and 128E, Requiring the Department of Health to Report
Environmental Response Law and Hawaii Emergency Planning and Community
Right-to-Know**

**REPORT TO THE
NINETEENTH LEGISLATURE**

STATE OF HAWAII

1998

**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**

119565

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GLOSSARY

AFB	Air Force Base
ATSDR	Strausbaugh at Agency for Toxic Substances and Disease Registry
BRAC	Base Realignment and Closure
CA	Cooperative Agreement
CAB	Clean Air Branch
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CIP	Campbell Industrial Park
CLEAN	Campbell Local Emergency Action Network
CWB	Clean Water Branch
DAGS	Department of Accounting and General Services
DERP	Defense Environmental Restoration Program
DOD	Department of Defense
DOH	Department of Health
DRMO	Defense Reutilization and Marketing Office
DSMOA	Department of Defense/State Memorandum of Agreement
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
ERRF	Environmental Response Revolving Fund
ESI	Expanded site inspection
FS	Seasibility study
FSAs	Fuel Storage Annexes
H ₂ S	Hydrogen sulfide
HARC	Hawaii Agriculture Research Center
HAZMAT	Hazardous Material
HCCPD	Hexachlorocyclopentadiene
HEER	Office of Hazard Evaluation and Emergency Response
HEPCRA	Hawaii Emergency Planning and Community Right-to-Know Act
HERL	Hawaii Environmental Response Law
HIARNG	Hawaii Air National Guard
HRS	Hawaii Revised Statutes
HSPA	Hawaiian Sugar Planter's Association
IT	Industrial Technology
LEPC	Local Emergency Planning Committee's
MCL	Maximum contaminant level
MOGAS	Motor gas
NAS	Naval Air Station

NCTAMS	Naval Computer and Telecommunications Area Master Station
NEESA	Naval Energy and Environmental Support Activity
NPDES	National pollution discharge and elimination system
NPL	National Priority List
NRTF	Naval Radio Transmitting Facility
OPA 90	The Oil Pollution Act of 1990
PA	Preliminary Assessment
PCBs	Polychlorinated biphenol's
PCE	Tetrachloroethylene also known as PERC
PCP	Pentachlorophenol
PGV	Puna Geothermal Venture
POL	Petroleum Oil and Lubricant
QA/QC	quality assurance/quality control
RAB	Restoration Advisory Board
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
RODs	Record of Decisions
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
SPCC	Spill Prevention Control and Countermeasures
SVOC	Semi-volatile organic compounds
TAMC	Tripler Army Medical Center
TCE	Trichloroethylene
TSCA	Toxic Substance Control Act
VRP	Voluntary Response Program
WWTP	Wastewater treatment plant

HAZARD EVALUATION AND EMERGENCY RESPONSE (HEER) OFFICE **ACTIVITIES DURING 1997**

EXECUTIVE SUMMARY

This report is intended to provide an overview of the function and activities of the HEER Office during FY 1997. In addition, this report complies with Chapters 128D and 128E, HRS, that require the Department of Health (DOH) to prepare an annual report to the State Legislature.

In general, the function of the HEER Office is to plan for and respond to hazardous substance, pollutant, and contaminant releases to the environment. The HEER Office is able to evaluate actual or potential impact such releases may have on the public and environment for both short-term and long-term release threats and mitigate any threat accordingly. The HEER Office is staffed with professionals capable of assessing chemical risks, evaluating the extent of chemical contamination, formulating response plans, conducting oversight of implementation, and actually conducting response activities. In addition, the HEER Office coordinates statewide planning activities for preparation and response to both chemical and oil spills in the environment.

On July 7, 1997, the Governor approved an amendment to the Environmental Response Law, Chapter 128D, HRS. Act 377, the Voluntary Response Program (VRP) has been developed and is currently in place. This program allows interested parties to work with DOH on a voluntary basis to assess and cleanup properties that may be contaminated. Participants pay for services of DOH to oversee and monitor their work. The purpose of the VRP is to encourage the cleanup of properties that carry the stigma of real or perceived contamination and to put these properties back into productive use. Under certain circumstances, participants who are eligible in the program may receive an exemption from future liability if the work is monitored and approved by the state. After receiving the Director's approval, DOH and the participant enter into a formal VRP Agreement which includes the scope of work, and describes the expectations and commitments of each party. When the work is completed, DOH issues a "letter of completion" which certifies the cleanup and any exemption from future liability that may be granted.

On June 16, 1997, the Governor approved Act 148, Pipeline Safety Bill. This legislation establishes within DOH, for administrative purposes, a pipeline safety committee consisting of representatives of state and local governments, public service, and industrial or commercial companies with interests in underground pipeline systems. The committee will participate in planning, monitoring, and overseeing of pipeline safety without additional costs to the state. The Pipeline Safety Committee meets four times a year and submits a separate report to the legislature.

On June 16, 1977, the Governor approved Act 146, Toxicologist Position Bill. This legislation establishes within DOH permanent exempt air quality modelers and toxicologists positions which are essential for the department to adequately model the dispersion of air releases and to evaluate the health impacts of the releases on human populations, respectively. These positions enable DOH to move rapidly in adopting a risk-based strategy in handling current and potential environmental problems.

On June 21, 1997, the Governor approved Act 260, Local Emergency Planning Committee Bill. This legislation establishes funding for the local emergency planning committees to plan, prepare, and respond to hazardous material (HAZMAT) emergencies which may occur in their districts. This source of funding comes from fees collected from the Emergency Planning and Community Right to Know Act (EPCRA) reporting requirements.

During 1997, we received \$87,900 from fees imposed on EPCRA filings. Following the Environmental Protection Agency's (EPA) lead, we conducted six EPCRA food manufacturer company compliance visits to inventory storage of hazardous substances used in the manufacture of food products; three federal facility voluntary compliance assessments; and one Oil Pollution Act 1990 (OPA 90) Spill Prevention Control and Countermeasures (SPCC) inspection at a private facility to determine compliance with Chapter 128E, HRS. The inspections of 10 facilities revealed that three were not in compliance. The standard procedure is to give a facility in non-compliance one month to come into compliance before proceeding with penalties. These facilities cooperated fully with our inspection program and required no penalties.

During FY98, we will continue to build the capacity to order, enforce and oversee cleanup of contaminated sites and cost recovery. In addition, a new focus for our program will be to encourage the voluntary cleanup of sites with the incentives provided in the VRP. To this end, we have in place two important dynamic reference documents: a newly revised Technical Guidance Manual and an Administrative Guidance Manual. Both these documents serve our staff by providing the necessary instructions for formalizing our program. In addition, the Technical Guidance Manual provides information and instruction to contractors and parties wishing to cleanup sites on a voluntary basis.

STRUCTURE OF THE HEER OFFICE

The HEER Office operates under numerous 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 EPCRA. Unlike CERCLA, HERL defines hazardous substances to include oil. Due to this fact, the HEER Office becomes involved in oil spill planning, preparedness and response activities under OPA 90. The following is a list of the legal authorities under which the HEER Office operates:

Legal Authorities

Chapter 128D, HRS, "Hawaii's Environmental Response Law" (HERL)
Title 11, Chapter 451, HAR, "State Contingency Plan."

Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), 40 CFR, Part 300, "National Contingency Plan."

Chapter 128E, HRS, "Hawaii Emergency Planning and Community Right-to-Know Act" (HEPCRA).

CERCLA, Title III, "Emergency Planning and Community Right-to-Know Act"
40 CFR, Part 302, "National Contingency Plan."

The Oil Pollution Act of 1990 (OPA 90)
40 CFR, Part 300, "National Contingency Plan."

Chapter 321, HRS, "Department of Health"
Title 11, Chapter 5, HAR, "Environmentally-Related Illness and Injury Reporting"

Program Mission and Objectives

Mission

To protect Hawaii's lands from pollutants that endanger people and the environment and to rehabilitate contaminated lands.

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

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. Prevent harmful releases of oil and hazardous substances into the environment.

Objectives

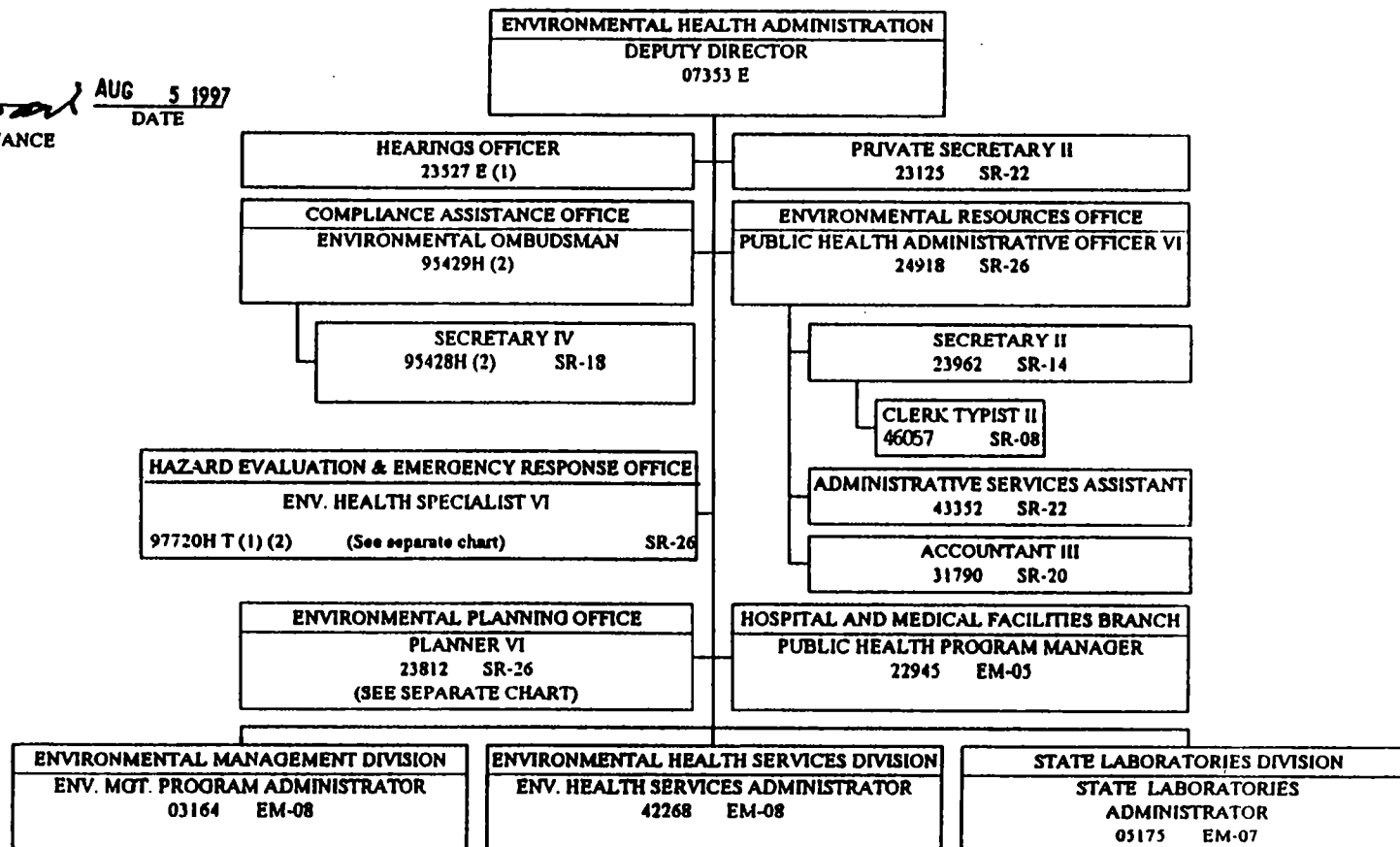
The following are our objectives:

1. Quickly respond to and control oil spills and releases of hazardous substances which may pose an imminent and substantial endangerment to public health, welfare or the environment.
2. Respond to oil spills and releases of hazardous substances which may pose a long-term threat to human health and the environment. Responding to releases includes release assessment, response alternatives analysis, and implementation of appropriate action.
3. Continue to help local agencies develop emergency response plans. Work with federal and state agencies to insure that adequate procedures are in place to respond in an adequate and timely manner to major releases and catastrophic events. Conduct training and exercises to practice these plans and procedures.
4. Identify and investigate potential hazardous waste sites and determine which sites should be listed on the state site list, which sites can be mitigated in other ways, and which sites need no further action.
5. Conduct federal preliminary assessments (PA) and site inspections (SI) for EPA.
6. Encourage and promote the VRP to expedite the cleanup of properties which would otherwise remain undeveloped due to contamination and associated risk.

STATE OF HAWAII
DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH ADMINISTRATION
PROPOSED POSITION ORGANIZATION CHART

ACKNOWLEDGED:

Earl I. Anzai AUG 5 1997
EARL I. ANZAI, DIRECTOR
DEPARTMENT OF BUDGET & FINANCE



(1) TEMPORARY POSITION NTE 6/30/97
(2) TO BE ESTABLISHED

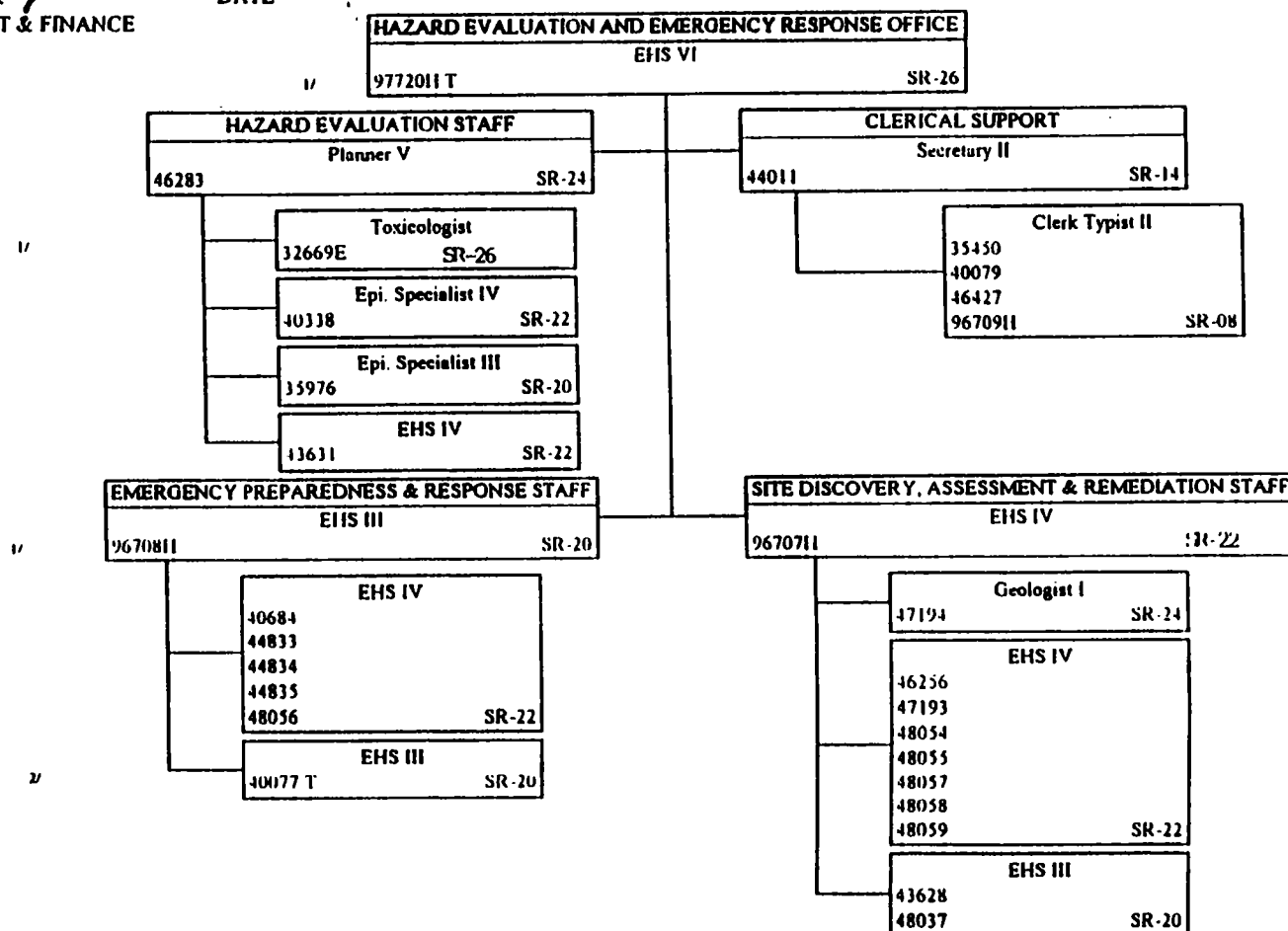
ACKNOWLEDGED:

Earl I. Anzai
EARL I. ANZAI, DIRECTOR
DEPARTMENT OF BUDGET & FINANCE

AUG 5 1997
DATE

STATE OF HAWAII
DEPARTMENT OF HEALTH
ENVIRONMENTAL HEALTH ADMINISTRATION
HAZARD EVALUATION AND EMERGENCY RESPONSE OFFICE

PROPOSED ORGANIZATION CHART



1/ Position to be established
2/ NTE 6/30/97

Organizational Structure

The HEER Office has grown considerably since its last reorganization. The program evolved from a staff of eight to a staff of 34. The increase in staff is due to the increased need for response capabilities by the state from the HEER Office. With the increased need for our program has come a need for reorganization.

Under the previous structure of our organization, all staff reported to one person, the office manager. This arrangement proved to be administratively overwhelming; therefore, until the official reorganization took effect, the HEER Office operated under an "unofficial" organizational structure with staff voluntarily rotating duties as section team leaders. The ultimate responsibility remained with the office manager.

During 1997, an official reorganizational proposal was sent to the Governor and was approved. The reorganization consists of three implementing sections, one support section and program management. The implementing sections are organized as follows:

- Emergency Preparedness and Response.
- Site Discovery, Assessment and Remediation.
- Hazard Evaluation and Planning.

The support section is designed to provide administrative support to the implementing sections.

In general, the major responsibilities of each section are as follows:

Program Management

- Internal coordination, supervision and administrative management of program.
- Coordinating a comprehensive state agency response to an oil or HAZMAT emergency.
- Representing the state at Regional Response Team Meetings.

Emergency Response and Preparedness

This section is responsible for planning, preparing and responding to hazardous substance releases which may cause an immediate and substantial threat to human health or the environment.

Responsibilities include:

Response

- State On-Scene Coordinator (SOSC) for Oil and HAZMAT Spills.

Represents the State of Hawaii in the Unified Incident Command when activated per the Honolulu Area Contingency Plan for oil releases in navigable waters. Unified Incident Command is an organizational structure used to make decisions, coordinate responses, and develop incident action plans during emergency responses. For HAZMAT incidents, the HEER Office conducts removal operations to eliminate chemical threats to human health or the environment.

- Technical resource and assistance to first response organizations involved in hazardous substance releases.

Provides technical knowledge to county fire, police and ambulance agencies for the prevention, response, removal and mitigation of a hazardous substance release.

- Provides health and safety data during a hazardous substance release.

During HAZMAT responses, provide real time air monitoring, health assessments, and field sampling and analysis. SOSCs may also provide other services to the health and welfare of the general public through contract services (i.e., survey equipment for specific chemicals, laboratory analysis, and consultant services for specific and unique chemicals).

- Removes and remediates hazardous substance releases which are deemed immediately dangerous to the public and the environment.

- SOSCs are trained to enter hazardous atmospheres in self contained breathing apparatus and various types of personal protective equipment. The HEER Office maintains staff on standby 24 hours a day to conduct response actions.
- SOSCs are back-up personnel for the Honolulu Fire Department's HAZMAT team if there is a second incident on Oahu.
- Conducts air sampling and monitoring during and after a HAZMAT incident.
- Coordinates State Natural Resource Damage Assessments.
- As required under federal and state oil and hazardous substance response laws, CERCLA and OPA, the state is the "trustee" for natural resources. As such, the HEER Office fills that role by coordinating with all federal and state agencies which have an interest in a hazardous waste site.

Preparedness

- Administrative support to the State Emergency Response Commission (SERC).

SERC establishes policies for statewide emergency response, reviews Local Emergency Planning Committee's (LEPC) Emergency Response Plans, and develops statewide response plans. The Deputy Director for Environmental Health is the commission chair.

- Provides the LEPCs (Hawaii, Oahu, Kauai, and Maui) with technical assistance.

Attends all LEPC meetings and provides assistance in developing their plans. Provides for consistency among the four LEPCs.

- Collects and assesses Tier II reporting.

Tier II reports are annual requirements of EPCRA and Chapter 128E, HRS. The HEER Office collects \$100.00 per facility when they submit their Tier II reports. Funds collected go into the General Fund. In 1994, 1995, 1996 and 1997, the office collected \$84,800, \$82,500, \$77,600 and \$87,900, respectively.

The HEER Office was a member of a multi-agency compliance assurance team. The team visited selected Campbell Industrial Park (CIP) businesses to assess their compliance with the specific requirements of the Emergency Planning and Community Right-to-Know and Clean Water Acts.

- Representative to the Oceania Regional Response Team.

Responsible for representing the state's interest at the national and federal levels regarding preparedness, planning and response to a spill of national significance.

- Co-chair for the Honolulu Area Planning Committee.

Responsible for working together with the U. S. Coast Guard, Co-chair of the Honolulu Area Planning Committee, to develop an Area Contingency Plan in conjunction with the National Contingency Plan to adequately remove a release of oil or hazardous substance, and to mitigate or prevent a substantial threat of a release from a vessel, offshore facility, or onshore facility near the costal zone.

- Chair for Disposal Subcommittee for the Honolulu Area Contingency Plan.

Coordinates the disposal of material contaminated with oil or hazardous substance after a response under the Honolulu Area Contingency Plan. Subcommittee members are from DOH, City and County of Honolulu, oil industry, and private response companies.

- Member of the Health and Safety Subcommittee for the Honolulu Area Contingency Plan.

Develops health and safety guidelines and training requirements for responders involved in the removal and mitigation of oil or hazardous substances under the Honolulu Area Contingency Plan.

- Member of the Oiled Wildlife Subcommittee for the Honolulu Area Contingency Plan.

Works with the Department of Land and Natural Resources to develop response strategies for dealing with oiled wildlife during an oil spill in the marine environment.

Site Discovery, Assessment and Remediation

This section is responsible for assessing the relative threat of sites contaminated with hazardous substances and for the oversight and implementation of response actions at sites with suspected and confirmed releases of hazardous substances, including petroleum. Project oversight is provided to military facilities subject to the Department of Defense/State Memorandum of Agreement (DSMOA) and to civilian sites undergoing cleanup activities. Responsibilities include:

Site discovery and assessment

- Conducts federal PAs and SIs using the Hazard Ranking System for EPA to determine which sites should be listed on the National Priorities List (NPL), EPA's list of the nation's worst sites that are priorities for long-term evaluation and remedial response. Sites that require no further action under CERCLA may require state action.
- Discovers contaminated or potentially contaminated sites throughout the state. Solicits intra- and interagencies' and public's participation in identifying sites.
- Coordinates the state's Initial Site Screening Committee for the identification and assignment of a priority for a site.

Remediation

- Provides oversight to potentially responsible parties (PRPs) to conduct appropriate response actions at hazardous substance sites.
- Provides guidance and oversight for remedial activities at military and civilian hazardous waste sites.
- Member of Base Realignment and Closure (BRAC) Team for environmental restoration base closure activities in Hawaii.
- Identifies technical remedial issues and develops technical guidance for response actions due to releases of hazardous substances and oil.
- Develops partnership/enforcement to compel the cooperation of responsible parties to conduct appropriate response actions at hazardous waste sites.
- Develops Federal Facility Agreements with the Army, Air Force and Navy with the purpose of incorporating state law, policy and guidance in remedial investigations and remedial projects.
- Develops a Site Management Plan which establishes a procedural framework and schedule for developing response actions.
- Conducts, directs and manages response actions for releases of hazardous substances.
- Seeks technical resources to ensure remedial activities are both protective and successfully implemented.

Hazard Evaluation and Planning

This section is responsible for providing toxicological assistance to all programs in the Environmental Health Administration, as well as programmatic development for the entire HEER Office as follows:

- Conducts toxicological assessments of chemical threats to human health.
- Establishes appropriate cleanup level for chemical contamination.
- Provides hospitals with medical information regarding chemical exposures.
- Assists the public with information concerning the health effects of chemicals.
- Assesses priorities based on human health risk assessment for workload purposes.
- Manages Superfund Core Grant.
- Drafts program policies and guidance.
- Drafts statutory and rule amendments.
- Provides outreach and education to the general public and facilities on risk management, environmental laws and rules, and response planning and preparation.

1997 ACTIVITY

1997 HEER Office Priorities

During 1997, the HEER Office concentrated on formalizing the program and enhancing our response capabilities. The following priorities are taken directly from the HEER Office's 1997/98 Operating Plan (developed to coincide with the state's fiscal year):

Improve enforcement of Chapters 128D and 128E, HRS.

Improve emergency response preparedness.

Improve oversight and response to sites.

Develop and implement Health and Safety Program.

Develop and implement a VRP.

Improve office operations.

1997 Notable Accomplishments

Campbell Local Emergency Action Network (CLEAN)

Formed to address emergency planning issues, including public health and safety. An Emergency Management Plan for the James Campbell Industrial Park was written providing guidance and information to emergency response personnel, local residents, and businesses based on local conditions and specific hazards of CIP. Community involvement has been present throughout the planning process. A special task force has been established to improve the overall effectiveness of the warning/notification system, to achieve increased public awareness and protection in and around CIP, and provide public education on appropriate responses to the warning/notification in the event of an emergency.

Hawaii Pipeline Corrosion Control Coordinating Committee

Formalized under DOH for administrative purposes. Pipeline operators meet quarterly to promote pipeline safety. A depository for pipeline maps

has been established with future placement into the Environmental Geographic Information System (EGIS) planned. The committee acts as a forum for sharing of information and technology. A database has been created to facilitate cathodic protection testing and interference mitigation of pipelines.

Pollution Exercise Participation

DOH played an active role in designing, planning, and conducting a wide range of oil and HAZMAT training exercises. Operation Koolau tested state, county, and industry response organizations. The exercise took place in the H-3 tunnels and involved three separate incidents in which commuters were exposed to hazardous substances. The fire department responded to the initial response and discovered additional exposure scenarios. The exercise was designed to test the formation of the Incident Command System.

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 test the response abilities of the agencies to oil spills in various situations.

Honolulu Harbor Work Group

Since the establishment of the Honolulu Harbor Work Group, the various parties that make-up the work group have met regularly to formulate an agreement with DOH on conducting the initial site assessment. The site assessment will be based on information previously collected and will indicate the need for further data gathering.

Toxicologist

In 1997, the Hazard Evaluation Section of the HEER Office became fully staffed with one toxicologist and two epidemiologists, all permanent state employees. The Hazard Evaluation Section provides invaluable assistance to the HEER Office in decision-making, as well as to state programs regarding chemical hazards.

VRP

The VRP was created on July 7, 1997 through an amendment to HERL. The purpose is to streamline the cleanup process in a way that will encourage prospective developers, lenders and purchasers to voluntarily cleanup properties. The VRP facilitates the cleanup process and, in certain situations, provides relief from the strict liability provisions of the federal's CERCLA and Hawaii's Environmental Response Law (ERL). The goals are to enhance the environment, stimulate socioeconomic improvements, and allow appropriate development to proceed.

EPCRA

Collected \$87,900 in Tier II reporting fees.

Notifications

During 1997, the HEER Office responded to 568 notifications between July 1996 and June 1997. These notifications were for spills and releases of hazardous substances in the environment. Many of these notifications were for small spills which were resolved in less than one day (see Appendix B for a listing of each notification).

Public Inquiries

During the year, the HEER Office received 500 or more inquiries from the public regarding health concerns and exposure hazards. These calls are handled by the Hazard Evaluation Section staff who provide this invaluable service to the community.

Campbell Air Study

The HEER Office has been tasked with conducting an air quality study of the CIP area. Months of data have been collected, analyzed and evaluated. A briefing of the results of the study was presented to the Kapolei/Makakilo/Honokai Hale community. This report is in final review. We expect to distribute the final version in early December 1997.

1997 Responses

During calendar year 1996, the HEER Office responded to 568 notifications. Appendix A contains a listing of each of these notifications during the year. Many of these notifications were for small spills which were resolved in less than one day. In addition, the HEER Office has a number of sites which require significant time and/or resources to resolve. Sites of particular interest managed by the HEER Office during 1997 are listed below. These sites include those at which the HEER Office provides assistance to other state programs:

Hazard Evaluation Section

The Hazard Evaluation Section provides public-health advice and technical support to DOH, other government agencies, and the general public, both residents and tourists. Television interviews with DOH toxicologists demonstrated the useful advice provided to the public on high-profile health concerns. From the many inquiries received by the toxicologist in 1997, the following lists some of the most time-consuming health-hazard projects illustrating a wide range of issues and problems addressed by the Hazard Evaluation Section:

A HEER Office epidemiologist worked with Department of Accounting and General Services (DAGS) to determine the past agricultural uses on future Department of Education sites. The epidemiologist determined which pesticides to sample for and at what detection level, wrote letters to three analytical laboratories to obtain bids for soil samples then coordinated the analysis with the low bidder, devised a sampling scheme unique to each site, collected all soil samples himself, evaluated the possible health hazard to school children and teachers based on the laboratory analysis of the soil samples, and wrote a memorandum to the DAGS Public Works Division giving them clearance to begin construction since the health hazard is insignificant at all sites.

Future Department of Education sites to be evaluated include:

1. Proposed site at Waikele Elementary School, Oahu
2. Proposed site at Mililani Mauka Intermediate School, Oahu
3. Proposed site at Keaau Elementary School, island of Hawaii

The following sites are being evaluated, using this same procedure:

1. Library of Hawaii branch in Princeville, Kauai
2. Kapolei Middle School, Oahu
3. Kapolei High School, Oahu

Significant Site Summaries from the Hazard Evaluation Section

Kailua Skeet Club. Now defunct, a residential district was built over the area. The beach area and the offshore bottom are littered with numerous shotgun pellets made of lead arsenate. An evaluation of the potential health hazard found it to be insignificant, with no potential for release of lead or arsenic into the water.

Waimanalo landfill. Waianae, Oahu has a special, restricted section for storage of ash from the H-POWER incinerator. The ash contains lead, cadmium, chromium, and other toxic metals. The City and County, Department of Public Works proposed to use ash outside of the restricted area to cover normal municipal garbage at the end of each workday. The city hired a toxicological consultant to investigate if this proposed practice would be a health hazard to the general public who visits the unrestricted area of the landfill. The investigation, including sampling of air for dust and metals, was coordinated with a DOH toxicologist who later reviewed the draft and final health risk assessment documents. The public health risk was found to be minimal.

Maui drinking water wells. A new contaminant was detected in wells: hexachlorocyclopentadiene (HCCPD). This is probably a by-product of chlorinating the drinking water. The levels are low enough that it is not a public health risk.

Wahiawa drinking water wells. Two wells on Oahu are contaminated with low levels of cleaning solvents (trichloroethylene and tetrachloroethylene) and pineapple pesticides (dibromochloropropane and Tetrachlorobenzene). The level of each substance is below its respective national or state drinking water standard when measured individually. Each well was found to contain a combination of three of the four aforementioned contaminants.

Lanai High and Elementary School. Australian silica sand was found in the elementary-school playground. Crystalline silica is a human cancer agent. The Hawaii Division of Occupational Safety and Health analyzed the sand and tested the air for silica. The levels were not a health risk.

Maunaloa, Molokai. A long-time, continuous leak from an electrical transformer was found. Several residents blamed their town's cancer deaths on the polychlorinated biphenol's (PCBs) which leaked from the transformer; however, historical records show a soil analysis detected harmless mineral oil, not PCB's.

Electromagnetic energy. Radio and television broadcasting sites in the Kula Highlands on Maui, at KGMB-TV in Honolulu, above the Pali and Wilson tunnels on Oahu, atop the Hilo Hawaiian Hotel in Hilo, and at Waialua High School were evaluated for harmful levels of electromagnetic energy. Safe distances were recommended.

Kaena Point Nature Reserve. The reserve had a section which was once used by the Army. Oil-contaminated soil was not a hazard to wildlife or people and was left in place. Periodic soil analysis was advised, and recent analysis has proven that the oil is being broken down by natural soil bacteria.

The Nature Conservancy's Kamakou Preserve, Molokai. The conservancy used a rat poison, diphacinone, to protect rare and endangered plant life. A few wild pigs ate the poison. Hunters who ate these pigs would have become ill. Based on this evaluation, warning notices were quickly posted, and the offending pigs were soon eliminated. New pig-proof poison stations were designed and installed.

Pesticide assessment. The Honolulu Board of Water Supply has detected two pesticides, chlordane and dieldrin, singly or together, in a few wells in different districts on Oahu. Individually, the level of each pesticide is below its respective national drinking water standard. This assessment is still in progress.

Pearl Harbor Submarine Base. Plans are being made to dredge a small section of the harbor and build additional docks. The dredged, contaminated sediments will be stored inside the hollow piers of the new docks.

Jet fuel and lead contamination. The area between Pier 38 and Nimitz Highway in Honolulu was contaminated with spilled jet fuel and lead. It has been sufficiently cleaned up. Most of it has been returned to the Department of Transportation's custody.

Haina Sugar Mill in Hamakua, Hawaii. The area had soil contaminated by oil spills. Arsenic was found in the soil at natural background levels, and the oil was removed.

The "Wo Parcel." The site adjacent to the Chevron Oil Refinery on Hanua Street in Kapolei has subsurface soil and water contamination. This assessment is the primary responsibility of the EPA and is still in progress.

Puali Stream. A construction project on the banks of Puali Stream near Lihue, Kauai is being evaluated for possible damage to fish and shellfish in the stream and offshore.

Campbell Industrial Park. Participating in Emergency Response Planning. Finalizing report on baseline air quality study. Prepared for and attended public meetings to address possible health concerns related to air quality and industrial events in the park. Member of CLEAN task force.

Puna Geothermal Venture (PGV). Attended a presentation by Dr. Legator at the Hilo meeting of the Sigma Xi research society. Offered Puna Malama Pono assistance in hydrogen sulfide (H_2S) monitor calibration, quality assurance/quality control (QA/QC), H_2S monitor siting, H_2S monitoring alternatives (diffusive/passive), and data analysis. Compiled an information package on the PGV and sent it to D. Strausbaugh at the Agency for Toxic Substances and Disease Registry (ATSDR), Region IX.

Hamakua Timber. At the request of the Clean Air Branch (CAB), prepared for and attended public meetings to address possible health concerns related to air quality and forest industry plans and events in the Hamakua Coast region. Participated in permit modification meetings. Attended follow-up meetings requested by Representative Dwight Takamini.

Castle Hospital. At the request of the CAB, prepared for and attended public meetings to address possible health concerns

related to air quality and medical waste incineration in the Kailua/Kaneohe area.

Hawaiian Cement. At the request of the CAB, prepared for and attended public meetings to address possible community health concerns related to air quality and industrial events in the area. At issue was a fine levied against Hawaiian Cement by the EPA for violation of the State Implementation Plan.

Chevron - At the request of the CAB, prepared for and attended public meetings to address possible health concerns related to air quality and industrial events in the park. At issue was a release of hydrocarbon cracking catalyst to the air and subsequent deposition on the surrounding community.

Marine oil spill response. Attended regular meetings regarding protection of public health and sensitive environmental sites from the impact of oil spills and our responses to them. The main focus was on the protection of public health and sensitive environmental sites during In-Situ Burn operations. Attended and continue to attend training sessions, table-top and on-water exercises.

Precision Wood. Assisted the Solid and Hazardous Waste Branch (SHWB) in assessing the health risk from exposure to dioxins at Precision Wood, a site adjacent to Chemwood in CIP. The health risk assessment indicated significant health risks from exposure to dioxins in soil. The site was subsequently capped with asphalt to prevent exposure.

Waiau Marsh. Served as project manager for risk assessment for Waiau Marsh. The site is impacted by residual fuel resulting from an oil release of bunker fuel product. An ecological and human health risk assessment will be conducted by Chevron to determine if the residual fuel poses a health risk.

Kapalama Incinerator. Assessed the health risk from exposure to lead at the site. Recommended mitigation measures and additional sampling. The HEER Office conducted public outreach which involved providing the potentially affected individuals with lead screening. The lead screening was provided through Straub Medical Center. No adverse health effects were observed in the potentially exposed individuals.

Pearl City Landfill. Assessed the risk from short term exposure to surface soil contamination at Pearl City Landfill. Provided recommendations to the Navy on appropriate actions to minimize exposure.

Ala Wai Sampling. In coordination with the Environmental Planning Office (EPO) and the Clean Water Branch (CWB), collected fish from the Ala Wai Canal. Organochlorine compounds and lead levels were determined in fillets and whole fish. A risk assessment will be conducted by early spring 1998 and appropriate community outreach measures implemented, if necessary.

Significant Site Summaries from the Emergency Response Section

University of Hawaii, Hilo Agricultural Center Chemical Storage Shed. On October 24, 1996, the HEER Office received notification that several agricultural laboratory chemicals and waste drums were being improperly stored on campus in close proximity to the student population.

Various unknown mixtures, pesticides, acids, fertilizers, Ethylene Oxide, etc. dating back to the 1970's and in poor condition had been stock-piled. Removal operations were to be conducted on November 11, 1996 by the university. With this removal action, other similar sites belonging to the university were discovered. The EPA's Federal On-Scene Coordinator is conducting enforcement actions against the university for the improper handling, storage and disposal of the chemicals.

Kahului - Maui Foodland methane incident. On election day, November 5, 1996, a call from Maui HAZMAT indicated that they had responded to the Kaahumanu Foodland store the previous evening due to high methane levels in the store. HAZMAT requested the assistance in determining accurate methane concentrations, as well as, consultation on the significance of having a supermarket with methane detection equipment inside. A contractor was dispatched to Maui to conduct air monitoring both inside and in the proximity of the building while the HEER Office researched both the source of methane, and its physical characteristics.

It was found that the supermarket is situated approximately 100 feet from the Maui Pineapple Cannery's injection well for effluent from their canning process, and that this high nutrient waste produces methane gas during its decomposition under the market. Complicating this process, the entire supermarket parking lot and adjacent Kaahumanu Shopping Center provide an asphalt and concrete cap over the methane generator. After a methane explosion in 1988 in the cannery lab, vents were installed in the parking lot and combustible gas detectors were installed in the supermarket. Nine sensors are distributed throughout the interior of the supermarket with a readout and alarm set up at the front of the store.

Lab analysis of air samples taken at the outside rear of the store and at the bakery section inside showed the presence of methane, though not at an explosive level. Any methane is of concern as it can rapidly build up in concentration. A meeting with Maui Pineapple Cannery's management and Maui Fire Department resulted in agreement that Maui Pineapple Cannery would generate a draft emergency response plan for the supermarket to be reviewed by both the Maui Fire Department and the HEER Office to tighten up monitoring and procedures. Additionally, Maui Pineapple Cannery will be piping the effluent to a sod farm and eliminating the use of the injection well.

Kahuku Hospital chemical fire. The HEER Office was notified by the Honolulu Fire Department of a chemical fire at the Kahuku Hospital on August 7, 1997. Children had broken into an abandoned water quality laboratory at the old Amorient Shrimp Farm in Kahuku and their mother had taken the badly stained children to the hospital along with a bag of spilled chemicals which caught fire in the emergency room. The HEER Office responded, checked the lab and found the chemicals to be non-toxic by skin absorption, and the fire to be caused by a strong oxidizer. The HEER Office contacted the property owner who had the lab chemicals removed.

Industrial Technology (IT). IT, a waste handling and processing company, filed a Chapter 7 Bankruptcy and left large quantities of waste onsite. The HEER Office with contractor support identified the various unknowns, stabilized the site, investigated a subsurface release and supported a federal and state criminal investigation.

Stream bed dumping. Two operators of a restaurant grease trap waste pickup business were caught dumping grease into a stream bed by the Honolulu Police Department. The HEER Office responded and sampled the contents of the truck and the material from the stream bed, and with contractor support recovered 110 gallons of the putrid, acidic mess from the stream bed. The HEER Office is providing the technical support for the Department of the Attorney General's Criminal Investigation Division.

Spilled abandoned drum in Kaaawa. A boy cutting weeds along the roadway in a residential neighborhood of Kaaawa knocked over a drum which had been dumped alongside the road. The odor permeating the area caused a Fire HAZMAT response. The HEER Office determined that the material had a pH of 1 (a concentrated acid) and removed the contaminated soil and liquid with Emergency Response Funds and contractor support.

Oahu - Clandestine laboratory removals. The HEER Office, in cooperation with the Honolulu Police Department's Narcotics Unit has completed three crystal methamphetamine clandestine laboratory removal operations. These illegal labs were located at Crosspointe Village, Harborpointe Village and Waialeale Quadplex apartments. So far, these labs have been recrystallization labs and not synthesis labs. Synthesis labs seem to be a wave of the future (two found already by the Honolulu Police Department but seized prior to full production). Chemicals removed from these sites are small quantities of acetone and denatured alcohol. In addition, the response personal protective equipment used by the Honolulu Police Department's Narcotics Unit and left at the incident scene was also removed as HAZMAT.

Wahiawa - Kaukonahua Bridge. The HEER Office investigated a complaint about gaseous chlorine at Kaukonahua Bridge where Wilikina Drive crosses Kaukonahua Stream. A person was exposed to a "gaseous cloud" of chlorine while replacing a light bulb at the bridge. The HEER Office determined that a pipe from the Wheeler Army Airfield Waste Water Treatment Plant discharges into a flume between the bridge and Lake Wilson. The discharge contained effluent that had been treated with chlorine at the wastewater treatment plant. The discharge and mixing of effluent and water from Lake Wilson occur in a low area which allowed chlorine gas and/or combined chlorine products to collect. The HEER Office referred the complaint to CWB for possible

violation of the Wheeler wastewater treatment plant national pollution discharge and elimination system (WWTP NPDES) permit.

Off-road from the Waiawa Correctional Facility Access Road, Oahu. On April 1997, sixteen 55-gallon drums and two 30-gallon drums of unknown chemical waste were found and reported to the HEER Office. The HEER Office arrived on scene, assessed the situation and determined that an emergency response had to be conducted (i.e., stabilize, contain, and cleanup the spilled chemicals from at least two of the leaking drums). The response costs to the State of Hawaii are approximately \$20,000. The site is under further investigation by the Department of the Attorney General's Investigations Division.

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

Army Installations

Aliamanu Military Reservation. The Aliamanu Military Reservation is located in the Aliamanu Crater. The installation has 2,597 housing units and 154 ammunition storage bunkers/tunnels along the crater rim. The bunkers are 200 feet long, 12 feet wide and 12 feet high with concrete floors and gunite-lined walls. The bunkers were used to store munitions placed on wooden pallets. In the 1960s, the pesticide Paris Green (copper acetoarsenite) was used to combat dry wood termite infestation of the wooden pallets and crates in the bunkers. Paris Green was dusted over crates and pallets and applied in the wall floor interface. The tunnels were not decontaminated before abandonment in the mid 1970s. In a site evaluation in June 1994, sampling results showed arsenic contamination levels up to 34.1 mg/kg and copper contamination up to 2,270 mg/kg in soil. The evaluation conducted was not a comprehensive sampling program as it concentrated on contamination of the air and surfaces in the bunkers. The Army has completed its remedial investigation (RI) which involved an extensive number of surface and subsurface soil samples to investigate the extent of arsenic contamination on the site. The final RI report is forthcoming.

Camp H. M. Smith. A transformer containing PCB was stolen and stripped in a remote area of the base and the PCB transformer oil was discarded on the ground. An initial cleanup of the PCB contaminated soil was conducted in 1981. Further studies conducted by Naval Energy and Environmental Support Activity (NEESA) in 1990 indicated that further cleanup was necessary. Cleanup removal action of the PCB contaminated soil had been completed.

Dillingham Military Reservation. A PA/SI final report was completed for the former transformer sites associated with the former Nike Launch sites at the Dillingham Military Reservation in February 1996. PCBs were detected in low concentrations around the north transformer pad and exceeded EPA Region IX Preliminary Remediation Goals for industrial soil.

Kahuku training area. A 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. PCBs were detected above the EPA Region IX Preliminary Remedial Goals. Further site investigations may be warranted to confirm the nature and extent of contamination.

Kilauea Military Reservation. A PA/SI final report was completed for Kilauea Military Camp in May of 1995.

Kipapa Ammo Storage Tunnels. A PA/SI report was completed for the Kipapa Ammunition Storage tunnel in February 1996. Onsite releases of hazardous substances were not observed during this 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, in the basal groundwater. The source of the TCE and the extent of contamination by TCE is 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.

Pohakuloa Training Area. A site inspection report was reviewed for a vehicle refueling area and concurred with the Army that future remedial activities do 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 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. 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 future threat. To date, no source has been found; therefore, the Army is proposing to treat all the groundwater that is contaminated as the final remedy. Regular monitoring of the wells in the area will continue. Individual Record of Decisions (RODs) have been signed for the remaining sites. Work has been completed in repairing the cracks on the landfill cap. The Army has sent a request to the EPA to have the site de-listed from the NPL.

Tripler Army Medical Center Landfill. The Tripler Army Medical Center (TAMC) Landfill is located on the west side of the TAMC installation. The landfill covers about two acres and is about 160 to 200 feet above mean sea level. 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 is conducting a RI with soil and groundwater sampling.

Navy Installations

Defense Reutilization and Marketing Office (DRMO) - Manana. The 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 handling. 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.

Ewa Junction Fuel Drumming Facility. This Navy facility was constructed in 1943 as a fuel drumming and transportation terminal and is currently inactive. According to a 1972 Navy report, approximately 315,000 gallons of motor gas (MOGAS) from an underground storage tank was released on to the surface of the ground in March 1971. MOGAS was found in soil and ground water samples obtained from beneath the site. A Phase II RI sampling action is planned for 1998. Sampling of subsurface soil and ground water in the off-site area to the south will be done to determine if any MOGAS contamination traveled off of the site.

Naval Computer and Telecommunications Area Master Station (NCTAMS). The NCTAMS facility was placed on the NPL in May 1994. NCTAMS is composed of two sites, a Naval Radio Transmitting Facility (NRTF) at Lualualei and the main station and 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. NRTF Lualualei is located in Lualualei Valley and is contiguous with Naval Magazine Lualualei. Earlier site investigations done at the sites found PCB

contamination in the soil around electrical transformers. It was learned that maintenance technicians checking the transformer oil, which contained PCBs, were discarding the oil samples 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 which require further investigation at NRTF Lualualei and NCTAMS Wahiawa. The Navy has completed the RI at the Old Wahiawa Landfill and the Building 6 Disposal Area. The Navy has also completed plans for removal action at the transformer sites at both NCTAMS facilities to excavate PCB contaminated soil and properly dispose of it. Field work will begin in late 1997.

Naval Station Pearl Harbor - Aiea Laundry. 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 is 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, trichloroethylene and vinyl chloride, which is a known carcinogen. A soil vapor extraction system which was operating onsite and is 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. Ground water sampling from recently installed monitoring wells have found diesel fuel free product in one well and perchloroethylene in three wells on the south side of the site. Further work by the Navy is planned. Diesel fuel free product has been removed by the Navy.

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 has completed the Removal Site Evaluation report and will determine if a response action needs to be conducted.

Pearl City Peninsula Landfill. Located on the north shore of Middle Loch, the landfill was operated from 1965 until 1976. The site is currently capped with a two-foot thick layer of crushed basalt. Investigation indicates the presence of PCBs, semi-volatile organic compounds (SVOCs), TCE, and fuel products. The Navy is planning a removal action and is developing the Engineering Evaluation/Cost Analysis (EE/CA).

Pearl Harbor Naval Shipyard - Battery Shop Building 394. The Battery Shop is an open air facility that was used prior to 1990 to clean, disassemble and restore lead-sulfuric acid batteries. 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 mg/kg. The Navy conducted further site investigations which better determined 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 electrokinetics process which is supposed to remove the lead from the contaminated soil. A bench test has been completed on the lead contaminated soil for the electrokinetics process. Future bench testing is planned.

Pearl Harbor Naval Shipyard - Building 8 oil. 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 pipe-fitting 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 believed 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 working well.

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. Sampling of sediments in the catch basins found 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 Power Plant No. 3 (Bldg. No. 177) which is no longer in service. Black oil was noted on the northwest shore off of 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. Design documents for the trench system have been completed and the passive trench recovery system is being constructed.

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 wastes from the 1930's through the 1980's. The wastes came from the Naval Air Station on Ford Island and are made up of waste parts and 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. Quarterly ground water monitoring is being accomplished.

Pearl Harbor sediments 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 ground water at sites surrounding the estuary as well as the estuary itself. The Navy has developed a sampling and analysis plan for the RI of the harbor sediments. The sampling operation of the sediments and the fish in the harbor were completed in November 1996. Analysis results of sediment and fish and crab tissue have been received and are being evaluated. Further analysis of sediment and fish tissue will be done.

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, 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 ground water contamination with petroleum fuel. Based on the results of the RI, the Navy is looking toward removal action of free product plumes to the extent possible. The Navy has completed plans for a Removal Site Evaluation. The EPA Superfund Innovative Technology Evaluation (SITE) program is planning to test three technologies to remove the free product fuel oil.

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 on the basis of detection of PCBs in the soil and/or on the concrete pads surrounding the transformers. Removal action is planned by the Navy.

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 residue 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 ground water system located under the stilling basin. Based on these results, the Navy conducted 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 will be installing monitoring wells into the basal aquifer and sampling the water.

Naval Air Station (NAS) Barbers Point. In 1993, the Base Closure and Realignment Commission placed NAS Barbers Point on the BRAC list. The base is scheduled to close on 2 July 1999. The Barbers Point BRAC Cleanup Team (BCT), made up of Navy, EPA, and State of Hawaii representatives was formed to make decisions on closure-related environmental efforts to be performed by the Navy. 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 1999. A Restoration Advisory Board (RAB) was established in 1994 to allow for community involvement in the environmental decision-making process. Cleanup of the sites has been initiated to meet reuse strategy and transfer dates.

Marine Corps Installation

Kaneohe Marine Corps Base. Five areas of concern have been identified and include a fuel farm sludge disposal area, two landfills, a fire fighting training area, and an old maintenance area. A variety of hazardous substances are present on the site. The Kaneohe Marine Corps Base 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 Nu'upia Ponds to the south). Nu'upia Ponds is a wildlife refuge where five endangered species reside. One endangered species, the green sea turtle, uses Kaneohe Bay. Kaneohe Bay is a popular recreation area for boating, snorkeling, scuba diving, and other water sports. Quarterly groundwater monitoring of wells is being conducted at the Fire Fighting Training Area. Bio-slurping in the area of the Fuel Farm Sludge Disposal Area is planned for FY97. An Expanded Site Inspection (ESI) was submitted to EPA for review. It has been determined that conditions currently do not warrant placement on the NPL. Additional information is required to complete evaluation of the site. Activation and expansion of the existing bio-slurping system is scheduled for late 1997. Funding was made possible as part of the

BRAC Barbers Point construction associated with the Navy's move to Kaneohe Marine Corps Base.

Air Force Installations

Bellows Air Force Station. The Air Force liquefied and pumped 61,000 gallons of asphalt from a pit near Waimanalo Stream into tankers. The asphalt was recycled by a local paving company to fill potholes. More than 600 drums and 2,000 tons of asphalt coated soil were also removed from the area. Groundwater samples will be taken to determine if any contaminants remain. An engineering evaluation/cost analysis (EE/CA) is in progress at the inactive Nike-Hercules Missile Battery Launch Area, a Hawaii Army National Guard site, and Inoaole Stream underground storage tanks to address restoration needs so that these lands can be accessed to the General Services Accounting and then deeded to the State of Hawaii. The EE/CA also includes the investigation of five transformers that may have leaked PCBs in surface soils. The EE/CA has been completed. In addition, 25 acres along Kahawai Stream will be declared excess. Approximately 21 underground storage tanks and 120 drums from eight areas will be removed this year. It appears that several drum sites will require further characterization because benzo[a]pyrene and cadmium exceeded DOH soil action levels at two sites. A PA/SI was completed for six sites and has been reviewed. Dissolved levels of antimony and total chromium in the groundwater exceeded the EPA Region IX's Preliminary Remediation Goals at two sites at Bellows Air Force Station. In addition, staff has been working with the Air Force on the future decommissioning of six 50,000-gallon above ground petroleum storage tanks in a tunnel and the removal of six 50,000-gallon petroleum underground storage tanks and associated piping.

Hickam Air Force Base (AFB). A base-wide PA/SI characterized 37 of 41 existing sites and has identified an additional 72 areas of concern at Hickam AFB. The Air Force provided the results of the investigation to the HEER Office in December 1996 for review. Approximately 122 drums were removed from three sites this year and soil

samples from around some drum sites indicated the presence of PCBs, pesticides, and herbicides. The Air Force will collect groundwater samples and develop plans to cleanup these drum sites. Remediation using bioslurper testing for fuel recovery has been expanded and the bioslurper was connected to a manifolded well network located beneath the new AAFES Four Seasons Toyland building. In addition, fuel recovery at three subsurface fuel plume sites have been improved as the monitoring and recovery wells at these sites have been inspected and renovated. RIs have been completed at a former fire training area located north of the Mamala Bay Golf Course and two landfills. These sites are now in long-term monitoring and long-term operation status. The Air Force has completed plans for an engineering evaluation for sites related to the proposed property transfer of Runway 8I-26R and adjacent lands to the State of Hawaii, Department of Transportation, for use by Honolulu International Airport. The proposed property outgrant encompasses approximately 35 acres of land.

Kaala Air Force Station. The results of a Phase II, Stage I remedial investigation/feasibility study were reviewed and detectable concentrations of benzo[a]pyrene and several metals in the soil were found to exceed EPA Region IX's Preliminary Remediation Goals. Several areas need to be reevaluated for total petroleum hydrocarbons in the soil because of new total petroleum hydrocarbon soil action levels established by the DOH. The HEER Office recommended against No Further Response Action Planned status because of inadequate characterization. The Kaala Air Force Station is, therefore, still being evaluated. The Mount Kaala Natural Reserve Area contains 37 species of rare plants, the I'iwi and Oahu Creeper, and five species of rare snails.

Kaena Point Satellite Tracking Station. A site inspection focused on a fuel leak site and a drain outfall potentially contaminated with diesel fuel, lubricating oil, and other petroleum, oil and lubricants. Soil samples at the fuel leak area exceeded EPA Region IX Preliminary Remediation Goals for five polycyclic aromatic hydrocarbons including the carcinogens benzo[a]pyrene and benzo[b]fluoranthene, and

total petroleum hydrocarbons exceeded DOH's action level for soils. The HEER Office recommended against No Further Response Action Planned status for the drain outfall area because arsenic, beryllium, and total chromium exceeded the Preliminary Remediation Goals for all soil samples collected in this area. The status of this site is still under review by DOH.

Kipapa and Waikakalaua Fuel Storage Annexes and Petroleum Oil and Lubricant (POL) Line. The HEER Office reviewed a RI for the fuel storage annexes and several leak areas along the POL. The RI indicates petroleum contamination (e.g., benzene) and TCE have reached the Pearl Harbor aquifer. The Kipapa fuel storage tanks extend 1,000 feet under a neighborhood park, school, and homes in Mililani Town. Due to the serious nature of the contamination, DOH has entered into a formal environmental restoration agreement with the Air Force to have the site investigated and cleaned. The HEER Office has met with the Air Force and the Army several times to encourage them to determine the source of the TCE and the extent of TCE contamination. The site inspection report was also reviewed for 24 other sites and areas of concern along the 28-mile POL distribution line that were not addressed in the RI. The HEER Office concluded that site characterization was incomplete and many of the sites need to be reevaluated for total petroleum hydrocarbons in the soil because of new total petroleum hydrocarbon soil action levels established by DOH. Also, the groundwater was not investigated at some of the sites. An additional RI and an interim removal action and treatability study were initiated in July 1996 for soil and groundwater at the fuel storage annexes and one of the valve pits along the pipeline. The remedial investigation is being conducted and full-scale bioventing and other pilot-scale removal technologies will be implemented for the soils and perched groundwater at these sites. An assessment report of plans to decontaminate and decommission the fuel storage annexes and the distribution pipeline has been completed.

Palehua Solar Observatory. A release to soil and shallow ground water is suspected at two sites based on a PA done by the Air Force. A 6,000-gallon inactive underground

storage tank that contained diesel needs to be removed, and the soil and groundwater needs to be sampled. In addition, a leach field/septic system that received film processing wastes also needs to be investigated.

Punamano Air Force Station. This is a closed facility that is currently being restored in accordance with a lease agreement between the Air Force and Campbell Estates. There is one site (motor pool drain outfall area) and four new areas of concern that were identified during a PA performed in 1996. Samples at the motor pool area indicate elevated levels of lead and total petroleum hydrocarbons. The HEER Office agreed to consider removal of contaminated soil around the motor pool area as a time-critical removal action with lead and total petroleum hydrocarbon driving the extent of excavation.

Wheeler Army Airfield. The objectives for the non-time-critical removal at the Gulch Runway Dump have been completed except for 450 cubic yards of soil containing PCB at levels between 10 mg/kg and 50 mg/kg that must be properly transported and disposed. A total of 69 drums containing either flammable liquid waste or liquid hazardous substance were transported to the mainland for disposal as Resource Conservation and Recovery Act (RCRA) waste materials. Approximately 70 cubic yards of soil containing PCB at levels greater than 50 mg/kg were disposed of on the mainland at a Toxic Substance Control Act (TSCA) permitted disposal facility. Also, the investigation and remedial objectives have been met at the Kunia Gate Dump and a Fire Training Area at Wheeler Army Airfield. A PA was completed for seven other sites at Wheeler Army Airfield in July 1996 and indicated that a release to the environment is suspected at an abandoned oxidation pond, contaminated surface soil (former aircraft revetment), storm drain (vehicle wash rack), hydraulic lift sump, and former POL transfer station. Based on the results of a risk screening evaluation of 15 Air Base Wing sites, a limited site investigation was conducted for a drum disposal site (YVEW-EA06). The Air Force recommended a No Further Response Action Plan closure for the drum disposal site and the HEER Office requested a justification of proposed background values for arsenic, beryllium, cadmium, total

chromium, copper, and nickel. Some soil samples at the drum disposal site exceeded the EPA Region IX Preliminary Remediation Goals for the preceding metals.

National Guard Installations

Hawaii Air National Guard. According to the PA dated January 1995, no formal areas of concern have been identified on the four facilities on the islands of Hawaii, Maui, and Kauai that are under the control of the Hawaii Air National Guard and, therefore, no further Installation Restoration Program investigation is warranted. All other Air National Guard sites are under the control of the Air Force at Hickam AFB.

Hawaii Army National Guard (HIARNG). The HEER Office hosted two meetings with the Hawaii Army National Guard to discuss a draft PA for Keaukaha Military Reservation (KMR), Hilo and to provide representatives from the HIARNG with copies of the Environmental Response Law, the State Contingency Plan, and the HEER Office Technical Guidance Manual for the Implementation of the Hawaii State Contingency Plan.

Kokee Air Force Station. Kokee Air Force Station is on the island of Kauai and is currently operated by the Hawaii Air National Guard. A PA for the station will soon be published for the HEER Office's review.

Significant Site Summaries from the PA/SI Section

Honokaa - Hamakua Sugar Company, Haina Mill. The former Haina Mill located about a mile north of Honokaa is the location of a proposed power plant facility by Enserch Development Corporation. Phase I and Phase II assessments of the entire mill area have brought up several concerns which are to be investigated. The proposed power plant plans to use only a portion of the assessed property. The HEER Office is currently reviewing a report which addresses the environmental concerns in that specific portion. The site has received much attention from the public and EPA.

Kahului - Alexander and Baldwin dump site. The site is located in a residential area of Kahului and was used as a dump site possibly by the military, business and residents. Residential homes were built on portions of the dump site. A private citizen, concerned about health effects of materials placed in the dump site, notified the HEER Office. A passive soil gas survey was used to identify and determine the extent of volatile and semi-volatile compounds. The survey indicated that tetrachloroethylene also known as PERC or PCE was present. PCE is used in the dry cleaning industry and as a solvent. To determine concentrations of PCE, samples of soil, soil gas and groundwater was collected. No detectable level of PCE was found in samples. Residents are being informed through a second Community Information Sheet of the final sampling results and closure of the investigation.

Ewa - Ewa Sugar Mill/Oahu Sugar Co. This site currently consists of five subunits: (1) the coral wastepit, (2) the former fumigation equipment and storage area, (3) the pesticide mixing/loading area in Ewa, (4) the herbicide mixing/loading and seed cane fungicide dipping site on Waipio Peninsula, and (5) the pesticide mixing/loading area in Kunia. Sampling events were performed by the HEER Office at all subunits except the mixing/loading area in Kunia because knowledge of this site was subsequent to the sampling events.

A mixture of waste oil and water was disposed of at the coral wastepit adjacent to NAS Barber's Point; however, this site is inaccessible to the public and the site is not located on any terrestrial sensitive environment.

The former fumigation equipment and storage area is located within a residential area. It was previously suspected that chemicals used for fumigating plantation homes may have spilled at the site. Sampling has indicated the presence of only trace amounts of various chemicals, all of which are below regulatory action limits.

Ametryn was previously detected by the Department of Agriculture in the soil at the Ewa pesticide mixing/loading site at levels above action limits. This subunit may be developed into a portion of a residential area. Further sampling is being planned to delineate the extent of contamination.

The herbicide mixing/loading and seed cane fungicide dipping site on Waipio Peninsula is owned by the Navy and is located within a restricted area. Sampling at this site has indicated the presence of dioxins. Confirmation analyses of these samples is presently being negotiated with EPA.

Ametryn, atrazine, and arsenic were previously detected in the soil at the Kunia pesticide mixing/loading site at levels above action limits. This subunit lies within an area which may be developed into a residential subdivision. Sampling by the HEER Office is being planned for this site.

Kailua - Honolulu Skeet Club. The former recreational shooting site has been investigated for lead and arsenic containing pellets deposited from 40 years of shooting activity. Public access areas have been posted with signs to inform the public of the contamination and possible health effects. Data will be reviewed by a DOH toxicologist for a determination of risk and the need for follow-up actions.

Kunia - Hawaii Agriculture Research Center (HARC). HARC, formerly known as Hawaiian Sugar Planter's Association (HSPA), disposed of unknown quantities of a variety of laboratory wastes, experimental fertilizers and pesticides from their Makiki facility into disposal pits at their Kunia facility. Analyses of samples from these pits showed pentachlorophenol (PCP) to be present. The HEER Office has requested sampling for PCP, pesticides and total metals from the disposal pits to determine if all hazardous materials have been removed.

Mapunapuna - Pukoloa Wood Treating Site. PCP, arsenic, and chromium have been detected in the soil and groundwater at a Servco Pacific, Inc. facility on Pukoloa Street. The contamination appears to have resulted from past practices of a wood treating company formerly located at the site. Copper chromium arsenate (CCA) and PCP are chemicals commonly used to treat lumber. Servco has performed a Phase II assessment of the property which included removal of a CCA tank and installation of monitoring wells and soil borings. The HEER Office is presently awaiting the results of the most recent sampling.

Nanakuli - Nanakuli Groundwater Contamination. The solvent TCE has been detected in two industrial water wells at Hawaiian Cement Co., Inc. It has also been detected in a monitoring well at Nanakuli Construction and Demolition Landfill. Both facilities are located in the southeast portion of Lualualei Valley. Levels found were above the maximum contaminant level (MCL) of 5.0 parts per billion (ppb). Although wells in the Nanakuli area are designated primarily for agricultural and industrial uses, there exists the potential for people to drink from these wells. The source(s) of the contamination is not known at this time; however, it is believed that the source(s) is off-site and up gradient of the two facilities. We continue to investigate the extent and source(s) of the contamination.

Waimanalo - Waimanalo Groundwater Contamination Plume. Alachlor, a restricted-use herbicide used primarily in cornfields, has been found in Waimanalo Well I, a municipal drinking water well, above the MCL of 2.0 micrograms per liter. Among the sites in Waimanalo that may be possible source(s) of the contamination are: Pahe Plantation, Golden Melon Farms, residents adjacent to the well, and the University of Hawaii, Waimanalo Experiment Farm (UH Farm). Geoprobe sampling at the UH Agriculture Station and homes located above the well have been conducted. DOH is awaiting sampling results at this time. We continue to investigate the possible source(s) of the contamination and monitor the contamination level.

State Sites

Hilo - Hilo Arsenic Site. A drum containing a liquid with high levels of arsenic was released to a yard in a residential area of Hilo. An initial removal of stained soil was conducted. Further characterization of the site has shown that arsenic is still present at the site in the area where the liquid was released. The site was remediated by removing severely contaminated soil and binding the remaining soil in a soil-concretion mix. The concrete slab was then covered with gravel and is currently used as a parking lot.

Maui Petroleum. Unocal/TOSCO's Kahului bulk terminal was operated by Maui Petroleum, Inc. from 1961 to 1994. In March 1990, an estimated 12,500 gallons of gasoline were spilled at the site. To date, selective oil skimmer pumps have recovered

approximately 3,000 gallons of petroleum from the groundwater table, and interceptor trenches have been installed along the north and east boundaries to limit off-site migration of product in those directions. Groundwater monitoring is being conducted. Based on evidence that petroleum may be spreading to adjacent properties, the HEER Office has directed the PRP to further define the extent of the free product and dissolved plumes, describe the nature of off-site groundwater flow, and assess the potential for humans or sensitive ecological receptors to be exposed to the petroleum. The PRP has been responsive.

Honolulu Harbor. A Phase I Environmental Site Assessment of the DOT properties has been conducted. The work is currently being reviewed by the Iwilei Technical Workgroup, and a final report of their findings is expected to be submitted to the HEER Office before the end of 1997. The HEER Office is actively overseeing investigations and remedial actions being conducted on Castle and Cooke properties due to the present land-redevelopment issues.

Negotiations of the voluntary agreement between the Iwilei Technical Workgroup and the HEER Office have taken longer than expected; however, a consensus regarding the terms of the voluntary agreement is close to being reached, and it is expected to be signed before the end of 1997.

Kaka'ako - Kaka'ako Redevelopment. The HEER Office coordinated discussions with the EPA Region IX and the Hawaii Community Development Authority (HCDA) to initiate a "Brownfield" Project in the State of Hawaii. In 1997, EPA Region IX provided a \$75,000 Brownfields Grant to conduct a site assessment of the makai area of the Kakaako Redevelopment Project. The assessment is being overseen by the HEER Office. The study is focusing on petroleum and heavy metal contamination from the businesses, maintenance areas and landfill areas.

Kunia - Del Monte Kunia. Since being placed on the NPL, Del Monte Fresh Produce (Hawaii) has entered into a consent agreement with the EPA and DOH to conduct the RI and feasibility study (FS). All past costs and any future state oversight costs will be reimbursed by Del Monte. The Work Plan, Field Sampling Plan, and Health and Safety Plan were reviewed and approved. Work conducted in 1997, as part of the RI, included installment of boring holes, shallow monitoring wells, and a basal aquifer well.

Sampling of the basal well and four existing basal wells in the region was scheduled for October 1997; however, results are still unavailable. The FS and an Ecological and Human Health Risk Assessment are also to be conducted by Del Monte. Addressing remediation alternatives, Del Monte has submitted a Treatability Investigation Workplan to evaluate phytoremediation methods to treat volatile organic compounds in excavated, contaminated soils. Commencement of the workplan's activities is pending EPA's approval.

Kapalama Incinerator. The Kapalama municipal waste incinerator was operated in the Kalihi district of Honolulu from approximately 1944 through 1977. While preparing to turn the property over to Honolulu Community College for the expansion of their facilities, an investigation was conducted to determine whether prior operations had environmentally impacted the site. The results of the investigation indicated that concentrations of lead in soil range from approximately 500 to 10,000 ppm over portions of the property. The HEER Office has directed the PRP to conduct additional sampling to determine the full extent of the lead-contaminated soil, and cover all exposed lead-contaminated soil which is above levels protective of human health. The PRP has been responsive, and is presently working with the HEER Office to develop a long-term solution.

STATE PRIORITIES 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:

Pearl Harbor
Waikakalaua/Kipapa Fuel Pipeline
Schofield Barracks
Del Monte Kunia

All of these facilities voluntarily entered into agreements to conduct the appropriate action.

During 1996, the HEER Office implemented a policy to provide some oversight to all military site cleanups through the DSMOA grant. Also in 1996, the HEER Office identified the "Top 10 Military Sites" for the purpose of setting goals for the Year 2000. These sites, in no priority order, are as follows:

- Schofield Barracks - Ground Water Investigation
- Naval Air Station Barber's Point
- Naval Station Pearl Harbor - Aiea Laundry
- Schofield Barracks - Landfill
- Kipapa, Waikakalaua, and POL Sites (Hickam Air Force Base)
- Navy Subsurface Oil - Pearl Harbor
- Pearl Harbor Naval Shipyard - Building 8 Oil
- Pearl Harbor Naval Shipyard - Battery Acid Plant Bldg 394
- Defense Reutilization and Marketing Office (DRMO) - Manana
- Ewa Junction MOGAS Spill

The above sites are considered to be the highest priority military sites for consideration of oversight and compliance with the State Contingency Plan. For specific information concerning the current status of each facility, please refer to Appendix A, "Sites of Interest."

The state site list contains all of the sites determined by the HEER Office to be those needing further assessment and possible removal or remedial action (Appendix B). These sites have gone through the prioritization process and have been determined to be a high, medium, or low priority site. These sites are either actively being worked on by a project manager or will be addressed in the future.

HEER OFFICE BUDGET

Budget Summary

The HEER Office is budgeted \$2,469,690 for fiscal year 1997-98. State general funds consist of \$307,225 (down from 316,841, a 3% reduction from FY 96) and are basically used to operate the Emergency Response and Preparedness and the Hazard Evaluation sections of the HEER Office. These functions are vitally important to Hawaii as these sections are primarily concerned with hazardous materials, emergency responses and the assessment of chemical exposures on human health. These functions cannot be funded with the federal grants currently received by the office. Furthermore, the office is budgeted \$1,253,182 in State Revolving Funds. The Environmental Response Revolving Fund (ERRF) is utilized by the HEER Office for two primary purposes: operations and response. The operations budget of \$753,182 used to conduct oil spill

cleanups; enforce Chapter 128D, HRS; and fund county used oil recycling programs. Although the funding for recycling is in the HEER Office budget, management and oversight of the program is provided by the Solid and Hazardous Waste Branch, Office of Solid Waste Management. The response budget of \$500,000 is used to conduct responses to releases or threats of releases of hazardous substance.

The office currently receives three federal grants (two from EPA and one from the Department of Defense). These grants are very specific as to appropriate expenditures; however, where appropriate, we have attempted to maximize grant expenditures and limit state expenditures.

Provided below is a listing of the funding source and the budgeted amount (in parenthesis are the actual federal grant award amounts as of October 1997, if appropriate):

State General Funds	\$307,225
State Revolving Funds	
Operations	\$753,182
Responses	\$500,000
Department of Defense/State Memorandum of Agreement	
October 1997 grant budgeted allotment	\$313,082
EPA Superfund Core Grant	
October 1996 grant budgeted allotment (actual grant is for \$760,000 for two years)	\$380,000
Superfund PA/SI Cooperative Agreement	
October 1997 grant budgeted allotment (actual grant is for \$565,000 for two years)	\$282,500
NOTE: Grant amendment increased funds by \$75,000 which was awarded for the Kakaako Redevelopment Project.	
<hr/>	
TOTAL STATE & FEDERAL BUDGET FOR FY97	\$2,535,989

General Funds

General funds support the Hazard Evaluation Section, as well as the Emergency Response and Preparedness Section (refer to page 5, Organizational Structure of this report for specific activities of these sections). One activity of this section is to administer the requirements of Chapter 128E, HRS. Under this statute, facilities which store specific chemicals above a certain threshold must report to the department and submit a \$100.00 filing fee. The fee is due in March of every year. Last year, this section collected **\$82,500** for deposit into the General Fund.

Table 1 - HEER Office General Funds

	<u>FY 1997</u>	<u>Expended As of 6/30/97</u>
A. Funds		
1 Env. Health Spc. VI, SR 26		
1 Epidemiologist IV, SR 22		
4 Env. Health Spc. IV, SR 22		
1 Env. Health Spc. III, SR 20		
1 Clerk Typist, SR 8		
Subtotal	255,707	212,905
B. Funds	51,518	41,395
C. Funds	<u>-0-</u>	<u>-0-</u>
TOTAL	307,225	<u>254,300</u>

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, 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; however, the oil tax may only be used for:

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

Direct support for county used oil recycling programs.

To address concerns related to drinking water and 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, three programs within DOH have budgeted accounts for access to the ERRF: the HEER Office, SHWB, and the Safe Drinking Water Branch (SDWB).

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.

Provided below are the specific activities and expenditures under each program.

Table 2 - HEER Office Revolving Funds

	<u>FY 1997</u>	<u>Expended as of 8/31/97</u>
A. Funds		
1 Toxicologist I, SR 26		
1 Epidemiologist III, SR 20		
2 Env. Health Spc. III, SR 20		
1 Clerk Typist II, SR 08		
4 Env. Health Spc. IV, SR 22		
Subtotal	378,269	190,860
B. Funds		
Used Oil Recycling & Related	175,000	120,536
Contract Support (DLNR)	80,000	
AG Support	100,000	100,000
Miscellaneous Expense	<u>19,913</u>	
Subtotal	374,913	
Removals	<u>500,000</u>	<u>737,613</u>
Subtotal	874,913	1,149,009
C. Funds		
Equipment	<u>-0-</u>	<u>13,064</u>
TOTAL	<u>1,253,182</u>	<u>1,352,933</u>

The HEER Office is focusing on collecting costs we have expended in responding to site specific activities. This effort is a result of a maturing program and promulgation of rules under Title 11, Chapter 451, HAR. Furthermore, we have changed our internal accounting system to allow General funded positions to charge to the ERRF when conducting site specific response actions. Chapter 128D, HRS, authorizes cost recovery from money spent from the fund (ERRF), it does not provide for cost recovery from general funded activities. As such, we need to charge the ERRF in order to pursue cost recovery. During 1997, we recovered \$67,952 down from \$81,567 in 1996.

Table 3 - Solid and Hazardous Waste Branch Revolving Funds

A. Funds	<u>FY 1997</u>	<u>Expended</u>
1 Env. Engineer IV, SR 24		
3 Env. Health Spc. III, SR 20C		
1 Env. Health Spc. IV, SR 20D		
1 Geologist I, SR 24		
1 Clerk Typist II, SR 08		
Subtotal	293,494	243,569
B. Funds	-0-	-0-
C. Funds	-0-	-0-
TOTAL	<u>293,494</u>	<u>243,569</u>

Table 4 - Safe Drinking Water Branch Revolving Funds

A. Funds	<u>FY 1997</u>	<u>Expended</u>
3 Env. Engineer IV, SR-24		
1 Env. Health Spc. III, SR-20		
1 Clerk-Steno II, SR-09		
1 UIC Clerk-Steno II, SR-09		
1 Clerk-Typist II, SR-08		
3 UIC Geologist I, SR-24		
Subtotal	<u>438,045</u>	<u>219,881</u>
B. Funds		
Travel	12,150	4,478
Supplies	20,500	401
Contractual		
Advertising	2,500	1,300
Air Freight	2,000	
Dues/Registration	1,500	410
Interest		363
Motor vehicle gas and oil	1,500	
Phone	2,900	1,253
Postage	2,600	
Rental of Training Space	2,000	
Rental of Office Space	37,097	27,278
Maintenance Motor Vehicle	1,500	
Reproduction costs	2,000	
Subscriptions	1,500	
Utilities	6,446	
Xeroxing	<u>3,800</u>	
Subtotal	<u>99,993</u>	<u>35,483</u>
C. Funds		
Gas chromatograph	115,000	112,291
Turbo-Vap & accessories	7,000	
Vacuum manifold and pump	5,000	
X-ray film developer	10,000	
Refrigerator (sample storage)	1,000	
(explosion proof)	3,000	
Computers (9)		<u>24,195</u>
Subtotal	<u>141,000</u>	<u>136,486</u>
TOTAL	<u><u>679,038</u></u>	<u><u>391,850</u></u>

The Environmental Response Revolving Fund monies have served to strengthened the protection of drinking water in Hawaii. It has done so by enabling SDWB to provide additional efforts in many areas of drinking water regulations such as: 1) the provision of more water system reviews, 2) expansion of Lead and Copper Rule administration, 3) strengthening review of surface water treatment plants, 4) increasing capability to monitor drinking water, 5) improving management of data, 6) training of personnel in new and expanding technical and administrative areas, and much more.

Increased Water System Reviews

Increased Water System Reviews are known as sanitary surveys. They consist of an on-site review of the water system, its facilities, operation and maintenance procedures, and records. Sanitary surveys are the best means of identifying existing and potential problems of water systems. Correction of these problems means more drinking water quality protection. The more familiar we are with each system, the better we are able to correct existing or potential problems, and advise water system owners of future requirements pertaining to their systems.

Expansion of Lead and Copper Rule Administration

The Lead and Copper Rule attempts to identify the worst case lead and copper problems in a water system. Worst cases involve newer single family homes (less than 5 years old) with lead or copper in the home distribution system. Systems that are found to have a lead problem are required to change the quality of the water to make it less aggressive to the pipes. In addition, the water system is required to provide public information on its system, the health effects of lead, and recommend interim measures to reduce consumer's lead exposure. Given the known adverse health effects of lead, this program has substantial impact on public health protection.

Strengthening Review of Surface Water Treatment Plants

Increased understanding of surface water treatment plants allows for better review of design proposals and better assessment of the efficacy of filtration technologies. Better filtration capability means that more contaminants will be removed from source waters. Some of the newly recognized micro-organisms are smaller than traditionally recognized organisms and more resistant to conventional forms of disinfection. The surface water treatment rule

requirements will be strengthened to address some of the newer contaminants of concern such as Cryptosporidium and others which have recently been found in treated drinking water supplies.

Increased Capability to Monitor Drinking Water

The monitoring of drinking water quality is changing substantially with the advent of new analytical techniques. Further, the maintenance of existing equipment is a necessary challenge faced by all laboratories. The purchase of laboratory equipment has enabled the State Laboratories Division additional capability to perform drinking water analyses, confirm results, and to answer emergency needs to analyze for specific contaminants.

Improving Management of the Data

Data generation in SDWB is extremely intensive. Resources dedicated to the management of the data were badly needed. These included the creation of data management systems as well as outright entry of the data to create an electronic record of chemical and microbiological results. The ability to call up summary information will enable the tracking of long-term water system performance as well as tracking contamination trends. This information will help the program in efforts to protect drinking water quality.

Training of Personnel in New and Expanding Technical and Administrative Areas

EPA requirements and programs are constantly being modified and expanded. In addition, treatment technologies are being constantly developed by the manufacturers. Personnel of SDWB need training in the performance of their duties and to follow revised EPA guidelines. Lack of training will lead to poor technical assistance as well as an inability to challenge consultants on various aspects of their proposals. Failure to meet EPA requirements due to lack of training will cause the potential loss(es) of funding.

**Table 5 - Environmental Response Revolving Fund Summary by Program
Estimated as of August 31, 1997**

<u>HEER-HTH 849-FD</u>	<u>FY 1997</u>	<u>Expended</u>
A. FUNDS	378,269	190,860
B. FUNDS	874,913	1,124,009
C. FUNDS	<u>-0-</u>	<u>13,064</u>
Subtotal HEER Operating Funds	1,253,182	1,327,933
 <u>SHWB-HTH 840-FJ</u>		
A. FUNDS	293,494	243,569
B. FUNDS	-0-	-0-
C. FUNDS	<u>-0-</u>	<u>-0-</u>
Subtotal SHWB Funds	293,494	243,569
 <u>SDWB-HTH 840-FH</u>		
A. FUNDS	438,045	201,366
B. FUNDS	99,993	35,483
C. FUNDS	<u>141,000</u>	<u>136,486</u>
Subtotal SDWB Funds	697,038	391,850
 TOTAL FUNDS	<u>2,225,714</u>	<u>2,070,928</u>

Federal Funds

The budgets listed in this section reflect the amounts currently noted in the biennial budget. Since federal grants are received in Hawaii based upon the federal fiscal year (October through September), the Biennial Budget numbers do not match the actual grant dollars. In fact, the EPA grants are slightly more than the biennial budget and the Department of Defense (DOD) grant is slightly less.

Core Grant

The Core Grant is provided to the state by the EPA to develop our state "Superfund" program. This grant provides the state with funding for program development, training, and administrative projects. It can not be used to conduct any site specific activity. The numbers provided below are from the grant awarded October 1996; therefore, the amounts will not match with State Budget figures.

Table 6 - HEER Office Core Grant Funds

A. Funds	<u>FY 1997</u>	<u>Expended</u>
1 Planner V, SR-24		
1 EHS IV, SR-22		
1 Secretary, SR-14		
EPO Support		
ERO Support		
Subtotal	139,137	98,492
 B. Funds	 223,712	 65,607
C. Funds	<u>17,151</u>	<u>2,758</u>
 TOTAL	 <u>380,000</u>	 <u>166,857</u>

PA/SI Cooperative Agreement

Since October 1989, Hawaii has entered into a PA/SI Cooperative Agreement (CA) with the EPA. The scope of this agreement is specific: it can only be used for costs associated with continuing the federal PA/SI program in the state.

Table 7 - HEER Office PA/SI Cooperative Agreement Funds

	<u>FY 1997</u>	<u>Expended</u>
A. Funds		
1 Env. Health Spc. IV, SR-22		
2 Env. Health Spc. III, SR-20		
.5 Clerk Typist II, SR-08		
Subtotal	117,613	78,456
B. Funds	157,537	112,829
C. Funds	<u>7,350</u>	<u>7,818</u>
TOTAL	<u>282,500</u>	<u>199,103</u>

Federal Facilities Cleanup Grant

The DSMOA program was established by the federal government to cover reimbursement of costs incurred by the state in providing oversight services to the DOD installations conducting environmental cleanup activities funded under the Defense Environmental Restoration Program (DERP). The program allows a funding limit of up to one percent (1%) of the funding allocation given to DOD installations in Hawaii under the DERP to accomplish environmental activities. Also allowed is a funding limit of one and one-half percent (1.5%) of the funding allocation given to DOD installations which are closing under BRAC.

A CA application was submitted in September 1996 to obtain reimbursement funding to cover costs incurred by Hawaii in the DSMOA Program. We are presently awaiting approval of the CA which will cover FY97 and FY98. The funding amount requested in the CA is \$304,640 for FY97 and \$313,082 for FY98.

Table 8 - HEER Office Fed Facilities Funds

	<u>FY 1997</u>	<u>Expended as of 8/31/97</u>
A. Funds		
1 Geologist, SR 24		
3 EHS IV, SR 22		
.5 Clerk Typist, SR 8		
Subtotal	208,033	106,459
B. Funds	102,049	62,263
C. Funds	<u>3,000</u>	<u>8</u>
TOTAL	<u>313,082</u>	<u>168,703</u>

APPENDICES

APPENDIX A

DOH RELEASE NOTIFICATION LOG 1997

HEER Office Release Report Database

01-Dec-97

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>	<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
<u>RI's Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>			<u>Media</u>	<u>RQ</u>
960603-0933	Transformer Leak Kalanian'ole Avenue Pole #33	88 Kalanian'ole Avenue	Hawaii	Release of transformer oil due to traffic accident on Avenue at 5:30 AM on 6/3/96. Car hit transformer pole taking down three transformers.	Traffic accident	Release contained HELCO and Hawaii County are cleaning up.	Transformer oil	75 gallons
06/03/96		Hilo	Hawaii	96720			Soil	25 gallons
960603-1628	Meadow Gold - Hawaii	1418 Young Street	C&C HNL	Faulty valve caused ammonia release during maintenance of line. Valves were shut, but not totally sealed when the line was cut, ammonia was released.	Faulty valve	Lines shut down, evacuated building, vented building outside. HFD did not respond.	Ammonia	600 pounds
06/03/96		Honolulu	Oahu	96814			Air	
960604-1645	St. Frances West			Liquid Nitrogen container could not be opened. Potential for an explosion.		Opened relief valve.	Liquid Nitrogen	
			Oahu					
960604-2218	Raw Sewage Spill at Makalapa Housing	Near Radford and Kam	C&C HNL	DOH 24 Hour Emergency Daily Call Log was routed to HEER reporting a sewage spill at Makalapa Housing.	Blockage	Area was cleaned, deodorized and disinfected.	Raw Sewage	800 gallons
06/04/96		Honolulu	Oahu				Small Stream	
960604-2310	NOAA Motor Vessel Malcolm Baldrige			3 gallons of Hydraulic Oil spilled into Hilo Harbor from a broken hydraulic line on the crane.		Release stopped. Sorbents deployed.	Hydraulic Fluid	3 gallons
06/04/96		Hilo	Hawaii				Ocean	Sheen
960605-1630	Hawaiian Electric Light Co. Puna Power Plant	Hilo	Hawaii	One barrel of turbine lube oil was spilled from the centrifuge system. Oil spilled into a trench and went off site.	not given	Area was cleaned up by HELCO personnel.	Turbine lube oil	55 gallons
06/05/96		Keaau	Hawaii	96749			Soil	25 gallons
960606-0019	Raw Sewage Spill	Aliamanu Military Reservation, Quarters 1827 & 1829, Two manholes on Amapu Place	C&C HNL	DOH 24 Hour Emergency Daily Call Log was routed to HEER reported a sewage spill that entered the storm drain.	not given	Cleaned, Deodorized, Disinfected.	Raw Sewage	2000 gallons
06/06/96		Honolulu	Oahu				Storm Drain	

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960606-0153	BHP Diesel Fuel Spill	739 N Nimitz Hwy		C&C HNL	Diesel fuel spill.	Valve failure	Diesel fuel was fully contained and then cleaned up. No spill occurred	Diesel Fuel	30-50 gallons
06/06/96	BHP Refinery Oil	Honolulu	Oahu					Fully contained	25 gallons
960606-1302	DRMO Manana Storage Area			C & C Honolulu	340 gallon capacity diesel fuel storage tank ruptured during removal and detachment from ship as part of demolition activities. The rupture caused a spill of approx. 20-40 gals. of diesel.		Spill was contained and U.S. Navy Spill Response Team proceeded on site to assist with additional containment.	Diesel Soil & Debris from demolition of ship	Approx. 20 - 40 gals.
06/06/96			Oahu						
960606-1430	Con-Fab	91-008 Hanua St.			Nauseating odor present.		Referred to Clean Air Branch (CAB).		
06/06/96		Kapolei	Oahu	96707				Air	
960606-1734	Oil Spill at Manana Storage Area			C&C HNL	DOH 24 Hour Emergency Daily Call Log was routed to HEER reporting an oil spill at Manana Storage. No accurate count on spillage was reported.	not given	not given	Oil	not given
06/06/96		Honolulu	Oahu					not given	25 gallons
960606-1743	Manana Storage Area	Waimano Home Road		C&C HNL	While demolishing a boat, a fuel line thought to be drained, released its contents.	Accidental spill while demolishing a boat	PWC hired to clean-up spill.	Oil	30-100 gallons
06/06/96		Pearl City	Oahu	96782				Soil/Ground	25 gallons
960607-0758	Ross' Appliance & Furniture	1622 Kananui Street		C&C HNL	Oil from compressor being dumped onto ground diamond head side of palm trees.	Dumping	Investigated scene found not to be an emergency...chronic problem though. Referred to Solid Waste for follow-up.	Oil	UNKN
06/07/96		Honolulu	Oahu					Soil	25 gallons
960607-0928	Navatek 1 Fuel Spill	Box 30989			Fuel Tank burped during fueling.		Release stopped. Material contained and sorbants deployed.	Diesel Fuel	2 gallons
06/07/96		Honolulu	Oahu	96820				Ocean	

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960608-1059 06/08/96	Sewage Spill	Lahaina	Maui	Maui	State Hospital DOH 24-hr Emergency Daily Call Log reported sewage spill into drainage way and stream.	clogged line	Signs were provided and site was cleaned, deoderized and disinfected.	Raw sewage Ocean	2000 gallons
960608-2302 06/08/96	MECO - Kahului Power Plant Oil Spill	200 Hobron Avenue Kahului	Maui	96732	Corrosion caused oil to leak out of tank #2. Spilled oil contained within containment area.	not given	Plugged with broom stick handle to stop leak. Contained at 16:10. Transferred to another tank.	Oil Soil	50-100 gallons 25 gallons
960610-1130 06/10/96	Ford Island Bldg #44 Pearl Harbor	Ford Island Building #44 Pearl Harbor Honolulu	Oahu	C&C HNL 96860	The NRC sent the HEER Office a fax reporting their information on this site:Two inch fuel supply line on a pier/leaking fitting. RP suspected to be Alan Sugihara USN-NAVSTA Pearl Harbor.	Leaking fuel line fitting	Release stopped. Boom to be deployed.	Oil - Diesel Water	50 gallons 25 gallons
960612-1010 06/12/96	Product on Road at Kaumualii Hwy. and Nawiliwili Road	Kaumualii Hwy.at Nawiliwili Rd. Kauai	Kauai	Kauai	Substance thought to be dewatered sludge fell of truck at intersection. Substance was carried 60 yards by rain but did not enter storm drain. Vehicles traveling over spill generated fugitive dust emissions.	Fell off truck	Had Kauai Fire Department hose off road since product did not pose a problem.	Dewatered sludge Ground/road	not given
960613-1155 06/13/96	Okuda Metal Inc.	1804 Kahal Honolulu	Oahu	C&C HNL	Neighbor reports spill approximately 11:00AM of white substance from dropped load on sidewalk. Subsequently hosed into storm drain.	spill hosed into storm drain	Site investigated. Rain washed fresh Latex paint off roof or siding onto driveway. There is a storm drain on private property at low pt. Dilute paint entered. Okuda Metals is not involved.	UNKN Storm drain	
960613-1225 06/13/96	Hilo Texaco Terminal Pier 2	99 Kalaniana'ole Ave. Hilo	Hawaii	96720	Pressure test pipeline 10:15 - 1030 PM. Lost pressure from pinhole leak under dock. Sheen on water. No LEL.	Pinhole leak	USCG and Fire Department responded with detectors. Gasoline had evaporated. NRC# 347034.	Gasoline Ocean Water	3 gallons 25 gallons

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960613-1338	USS Utah Oil Leak				Sheen coming from the suken WWII battleship the USS Utah and material is gathering in a cove area.		Oil	
		Pearl Harbor	Oahu	96860			Ocean	Sheen

Historical monument.

960614-1401	Texaco Station 61-100-0090 at Alder and King	1239 South King Street		C&C HNL	Antifreeze may be mixed with oil going down storm drain at Alder and Elm.	not given	Notified storm water quality C&C HNL, MSO Honolulu - Larry Ho- Texaco.	antifreeze/oil	
06/14/96		Honolulu	Oahu				Storm drain	25 gallons	

960615-0812	Oil Sheen			C&C HNL	DOH - 24 hour Emergency Daily Call Log was routed to HEER reporting a light oil sheen visable from pier.	not given	Initial response actions were not provided in log routed to HEER.	Oil sheen	not given
06/15/96		Honolulu	Oahu				Ocean water	25 gallons	

960615-1507	Bad Odor at Enchanted Lake			C&C HNL	A bad odor lasting for 3-4 days in the Enchanted Lake area.	not known	Initial response actions were not provided in the log routed to HEER.	Odor	UNKN
06/15/96		Honolulu	Oahu				Air		

See also 960615-2130.

960615-2130	Enchanted Lake	1310 Akele Street and Keole Drive			Strong "Methane " odor	Decaying organic matter from Enchanted Lake, lake water level extremely low...	SOSC responded to the enchanted lake area the next morning. There was a very strong odor of rotting vegetation or organics' decaying. There was no evidence of a chemical release. The Lake's level was down extremely low, exposing water type vegetation.	Organics'	Unknown
06/15/96		Kailua	Oahu	96734				lake	no

See also 960615-1507.

960617-1247	Hickam AFB, Site 5511, Near Bldg. 2170	15 CES/CEVR, 75H Street			Petroleum was uncovered in soil while digging ditch.	Uncovered while digging ditch	Samples were collected. One cubic yard of excavated soil containing petroleum will be properly disposed. Part of an existing site, 5511.	Petroleum	UNKN
06/17/96		Hickam AFB	Oahu	96853				Soil	25 gallons

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960617-1520 06-17-96	Hale Ekahi Drive Automobile Spill	86913 Hale Ekahi Drive Walanae	Oahu	96792	5 qts. of oil spilled onto the road after an automobile collision at Hale Ekahi Drive and Kamehameha Hwy. Local Fire Dept. responded, oil was absorbed and disposed of properly.	Automobile collision	Honolulu City & County Fire Dept. and Walanae Road Maint. Crew	Crankcase Oil Asphalt	Approximately 5 quarts no
960618-0648 06/18/96	Pier 18 Honolulu Harbor HONOLULU HARBOR			C&C HNL	Oil sheen near pier 18.	not known	Notified HEER.	Oil sheen Water	UNKN 25 gallons
960618-1300 06/18/96	Marine Railway #2 at PHNS				100 gallons of bilge water spilled. 20 gallons reached a storm drain.	Leak in holding tank.	Plugged leak, contained and cleaned up spill.	Bilge Water Storm Drain, Concrete, Asphalt	100 gallons
		Pearl Harbor	Oahu	96860					
The HEER Office has no record of the initial verbal notification.									
960619-0323 06/19/96	Private Residence Kitchen and bathroom	not given Honolulu		C&C HNL	House tap water smells very strongly of oil in both the kitchen and the bathroom faucets.	UNKN	not given	Odor of gasoline Water from running taps in private residence	UNKN
960619-1217 06/19/96	Pearl Harbor Waste Oil Line Overflow				Vent line on the USS Bunker Hill overflowed releasing 25 gallons of waste oil into the ocean.	Vent line overflowed.	Leak was secured.	Waste Oil Ocean	25 gallons Sheen
		Pearl Harbor	Oahu						
960619-1500	Nimitz Highway Watermain Break	1000 Nimitz Hwy Honolulu	Oahu		Watermain break under Nimitz Highway. Water flow pulled oil from the subsurface.		USCG hired Penco.	Oil	
Board of Water Supply cleaned up. Minor contaminated soil surfaced with weathered black oil.									
960619-1527	BHP Refinery BHP Refinery Oil	91-325 Komohana Street Kapolei	Oahu	C&C HNL 96797	Discovered 1 gallon of naphtha next to Tank 509 within secondary containment. Will empty tank, inspect floor, fix leak and clean up under tank.	Leak in Tank	Cleaned up visible contamination. Will be able to clean up under the tank once its emptied, the middle of next week.	Naphtha Soil	oil

Cleaned up.

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960619-2228	Raw Sewage Spill	Kahakal Drive		C&C HNL	Spill of 240 gallons of which 200 gallons entered storm drain on Kahakal Drive along the Ala Wai	Grease	No response.	Raw Sewage	240 gallons
06/19/96	Ala Wai	Honolulu	Oahu					Storm Drain	
960620-1150	Bethel and King Streets	Bethel St. at King St.			Noticed a Gasoline smell at 3:50 on 6/19/96. Water running down gutter had a sheen. Traced flow back to the roof drain from the Mortgage Building.		No longer flowing.	Gasoline	
06/19/96		Honolulu	Oahu					Storm Drain	
960620-1352	BHP Hilo Pipeline	701 Kalananaole Ave			Hydrotesting pipeline from pier to terminal at 230 psl about 10am. An underground section failed. Diesel was released to the soil.		BHP environmental to characterize.	Diesel Fuel	
		Hilo	Hawaii					Soil	25 gallons
960620-1450	Peter Street Odor	2608A Peter St.			Pesticide like odor made him feel lightheaded. His wife has a headache. Eyes sting.				
06/20/96		Honolulu	Oahu					Air	
960620-1455	Peter Street Odor	2612 Peter St.			Smells like burning rubber.				
6/20/96		Honolulu	Oahu					Air	
960624-1612	Chevron Refinery			C&C HNL	Oil recovery tank skimmer pump failed to distinguish oil from water and pumped water into tank which floated out the oil. Backup system did not function and oil overflowed to dirt berm containment.	Equipment malfunction	Chevron cleaned up on site.	Oil	2 barrels
06/24/96	Chevron Refinery Oil	Kapolei	Oahu	96797				soil	25 gallons
960625-1040	BHP Refinery Air	91-325 Komohana Street		C&C HNL	At 10:25 AM Scott Unit Shutdown and visible emissions briefly were given off. 90% of the sulfur recovery was still operating.	Unit shutdown		Sulfur Dioxide	
06/25/96	BHP Refinery Air	Kapolei	Oahu	96797				Air	

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960625-1145 06/25/96	Kahala Baseball field	Honolulu	Oahu	C&C HNL	Gas was used on the ball park diamond to dry the ground faster and that dirt, cinder, and kitty litter were used to cover the affected areas. Gas smell caused kids to feel sick when playing on the area. Keith Oda poured the gas liquid on the diamond.	Keith Oda poured gas on diamond.	Notified HEER.	Gasoline, Unleaded Soil/Air	UNKN 25 gallons
960625-1442 06/25/96	Pier 11 Honolulu Harbor HONOLULU HARBOR	Honolulu	Oahu	C&C HNL	Oil sheen near pier 11 with one boat in the vicinity.	not known	Notified U.S. Coast Guard and HEER Office	Oil sheen Water	UNKN 25 gallons
960626-1641 06/23/96	Waikahala Recreational Park		Oahu		Poured 1 to two pints of gasoline around the pitcher's mound and third base. Ignited it to dry the areas.	Intentional attempt to dry the area.	Brushed up soil around the areas and threw it in the trash.	Gasoline, Unleaded Soil	1-2 pints
960628-1424 before June 23	Paakea Street Pesticide Fire	87-1550 Paakea St.	Oahu		Structural fire involving pesticides, possibly including chlordimeform, kethane, di-syston, and phosdrin.	Fire	HFD fire fighters had symptoms of organophosphate poisoning. Hazmat, HEER, John Bowen and Unitek closed off area and removed remaining pesticides.	Pesticides. Air	
960629-1835	Sewage Spill at 3080 Kalihi Street	3080 Kalihi St Honolulu	Oahu		Sewage spill caused by heavy rain.			Sewage Storm Drain	50 gallons
Assume this is a sewage spill.									
960701-0005 07/01/96	Fuel Spill at Barbers Point	Hanger 282 Ramp at NAS Barber's Point Kapolei	Oahu	C&C HNL 96707	DOH 24 Hr Emergency Daily Call Log routed to HEER reported a 30 gallon JP5 fuel spill at Hanger 282 ramp NAS Barber's Point.	not given		JP5 Fuel Ramp	30 gallons 25 gallons

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960701-2337	Marine gas oil spill				DOH 24 Hr Emergency Daily Call Log routed to HEER reported a 1/2 cup marine gas oil spill.	not given	not given	Marine gas oil	1/2 cup
07/01/96			Oahu					not given	25 gallons
960703-1050	Kumukahi Place (Hawaii Kai) Residential Construction Area			C&C HNL	Contractor discharging dewater into Marina. The marine is a milky white color.	Contractor discharging, dewatering into Marina	Referred to Clean Water Branch for follow-up.	water/coral mixture	not given
07/03/96		Honolulu	Oahu	96825				Ocean	
960704-0658	Maul Electric Racor Fuel Filter Housing Crack			Maul	Racor Fuel Filter Housing Cracked causing fuel spill.		Cleaned up spill.	fuel	
			Molokai						25 gallons
RP clean up completed.									
960704-1351	Sewage Spill	98-273 Alea Kai Pl.			DOH 24 Hr Emergency Daily Call Log routed to HEER reported a Racor Fuel Filter Housing Cracked causing fuel spill.			Sewage	5 gallons
		Honolulu	Oahu						
960705-1230	CIP Fugitive Drums			C&C HNL					
	CIP Fugitive Drums HD	Kapolei	Oahu	96707					
960707-1545	Sewage Spill at Aliamanu Station # 2929	Bauhinia Street		C&C HNL	DOH 24 Hr Emergency Daily Call Log routed to HEER reported a sewage spill of 3,000 gallons at the Aliamanu Station #2929 near Bauhinia Street, 1,700 gallons went into the STM drain.	not given	not given	Sewage	3,000 gallons
07/07/96		Honolulu	Oahu					Storm Drain	

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960708-0927	HELCO Hill Power Plant Waste Oil Tank	54 Halekauula Street		Hawaii	Waste oil placed into tank, but drainage plug was open. Observed spill at approximately 11:45 AM in trench designed to drain into WWV facility. No oil reached WWV treatment facility.	Drainage plug was left open while draining waste oil.	Contained, controlled source and cleaned up by contractor.	Fuel Oil #6	80 gallons
07/08/06		Hilo	Hawaii	96821				Drainage trench	25 gallons
960708-1752	Hawaiian Electric Company, Waikiki Substation	not given		C&C HNL	DOH 24 Hr Emergency Daily Call Log routed to HEER reported an oil spill at the Waikiki Hawaiian Electric Company's Waikiki Sub Station.	not given		Oil	25 + gallons
		Honolulu	Oahu						25 gallons
Cleaned up.									
960710-1548	Texaco Malakole Street	91-420 Malakole St.		C&C HNL	Texaco's contractor CorePro discovered soil contamination while taking core samples along the pipeline.	Existing Chevron Refinery free product plume.	Since this is a shared pipeline, Chevron and BHP have taken samples to help determine the product released and its age.	Petroleum Hydrocarbon	25 gallons
		Kapolei	Oahu	96707				Soil	
A site visit was made on 7/24/96 with Ray Fields from Texaco (818) 505-2066 and his consultant from Walker Consultants. The consultant provided the following information verbally. 1) Samples were taken to determine the nature of the contamination. 2) Free product appears to be found in association with the pipelines,									
960711-1205	NAS Barbers Point Hanger 282 #10				P-3 Aircraft fuel tank ruptured during maintenance.		Spill contained. Absorbants used.	Jet Fuel JP-5	30 gallon
07/10/96		Barbers Point	Oahu	96862				Concrete	25 gallons
The HEER Office has no record of the inital verbal notification.									
960711-1521	Naval Base North Road Diesel Spill	North Rd.			Tank truck was overfilled.		Release secured. Used absorbants and are removing soil.	Diesel Fuel #2	50 gal
07/11/96		Pearl Harbor	Oahu					Soil	25 gallons
RP lead.									

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960711-2130	Waianae Landfill Fire	86-348 Puhawai Road		C&C HNL	Fire broke out at an illegal/ open dump-landfill.	Decomposition of buried automotive tires	Civil Defense, HPD, Hazmat, Waianae HFD, HEER responded to a deep seeded fire in an unpermitted open dump/landfill. Firefighting and fire overhaul actions took place throughout the night. Evacuation of nearby residents was completed due to smoke.	Tires	Unknown
11/07/96		Walanae	Oahu	96742				soil	
OCD, HAZMAT, HFD, HEER, RED CROSS, responded to an illegal landfill/dump fire at the property of Mrs. Sabrina Grace Gouveia. The fire burned throughout the night and reflashd twice in a four day period after the initial response. Evacuation of nearby residents was conducted and relocation shelter established at Waianae									
960712-0639	Pier 29A Fishing Vessel Japan Tuna III Small Diesel Spill	Pier 29A Honolulu Harbor			#2 Diesel fuel spilled during disconnect of transfer hose.		Absorbants used. Call Honolulu Fishing Agency 538-6155 for further information.	Diesel Fuel #2	.5 cup
07/11/96	Honolulu Harbor	Honolulu	Oahu	96817				Ocean	Sheen
USCG lead.									
960713-1049	HPOWER			C&C HNL	DOH 24 Hr Emergency Daily Call Log routed to HEER reported HPower load estimated over 5 MR - Load came from Tripler Hospital.	Medical Wastes		Medical Wastes	UNKN
07/13/96			Oahu					Air	
960713-1927	Alarm Bureau		Oahu						
960715-1650	Sewage Spill in Alea	99-384 Hakina Street		C&C HNL	DOH 24-Hr Emergency Daily Call Log routed to HEER reported grease in line, unknown amount entered storm drain, traces of enty - all absorbed by environment upon arrival.	UNKN	None.	Raw Sewage	not given
07/12/96		Honolulu	Oahu					Storm drain	
960716-000	BHP Refinery SCOT Shutdown	91-325 Komohana Street			Shutdown of the SCOT Unit. No permit limits were exceeded. 20 seconds of visible emmissions from the SRU 3 incinerator stack were observed.		The unit was restarted at 5:30 pm without incident.	Sulfur Dioxide	
	BHP Refinery Air	Kapolei	Oahu	96707				Air	1 lb.

The HEER Office doesn't have a record of the initial verbal notification.

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960716-0000 07/16/96	Middle Street Bus Facility	848 Middle Street Honolulu Oahu	C&C HNL 96819	Possible design problem between the primary and secondary pump causing the secondary tank to overflow. Excavation of pit gravel being sone to find extent of fuel and source of release.	Back flow	not given	Fuel Soll	UNKN 25 gallons
960716-0150 07/16/96	BHP Refinery BHP Refinery Air	Kapolei Oahu	C&C HNL 96707	Shutdown release, Vapor visible at least 20 seconds.	shutdown	not given	smoke Air	not given
960716-1700	Snow White Linen Diesel and Fuel Oil Release	75-5705 Kuakini Hwy. Kailua-Kona Hawaii	96740	Discovered soil contamination from a boiler fuel storage tank.			Diesel Fuel Soll	25 gallons
The HEER Office has no record of the inital verbal notification.								
960718-1110 07/18/96	Nawiliwili Harbor Pier Oil Spill	Nawiliwili Kauai	Kauai	10 x 20 yards excavation at pier. Results in 2 inch deep mousse oil layer with possiblity of leakage to harbor through siltation curtain.		DHO checking bunker tank status. Coast Guard to check on scene. 7/18/96, 4:00PM handed off to remediation section of HEER Office. Site managers Bryce Hataoka and Curtis Martin.	Possible Bunker and JP or Diesel petroleum constintents Soll	UNKN 25 gallons
960719-0739 07/19/96	Pearl Harbor Piers M1and M2 Diesel Pipeline Leak	Pier M1 and M2 Pearl Harbor Pearl Harbor Oahu	96683	8 inch diesel pipeline developed a crack.		Leak secured. Pipe is being patched. Booms are deployed. Adsorbants are being used.	Diesel Fuel Ocean	10 gallons Sheen
960719-0749 07/19/96	Pearl Harbor Naval Base Piers Mike 1 & 2	Piers M1 and M2 Pearl Harbor Honolulu Oahu	C&C HNL	Leak in pipeline - going to FISK.	Leak in pipe	Pipeline being patched. Boomed material in water.	Diesel Fuel Water - Ocean	10 gallons 25 gallons

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960719-0840	Chevron Light Fuel Oil Leak			Discovered a leak of 4 barrels of light fuel oil from the pipeline. Spoke to Steve Armann on 07/18/96 about a potential spill.			Fuel Oil #5	4 barrels
	Chevron Pipeline		Oahu					25 gallons
960719-1123	Hale Mahalu in Pearl City	800 3rd Street Room 229B	C&C HNL	Complaint that odor of ether, mothballs and dog feces are coming from resident 229C.	UNKN	Referral to HPD to investigate.	UNKN	UNKN
07/19/96		Honolulu	Oahu				Air	
960719-1445	Residence 370 Kaimake Loop	370 Kaimake Loop	C&C HNL	John Wailua Hensen - 2 Porsches spilled - gasoline, FD:	UNKN	Fire Department spread adsorbant and left/Aikahi Fire Station call to Fire Captain: < 1 gallon release, old stale smelly gasoline	Gasoline/oil probably stale Soil	not sure < 1 gallon 25 gallons
07/19/96		Kailua	Oahu					
960719-1540	Del Monte Kunia	94-1000 Kunia Rd.		Unocal overflowed a delivery of oil to DelMonte.	Overflow during transfer.	Unocal will have a contractor clean up the sump. This is not an official notification unless the spill is not cleaned up within 72 hours.	Oil, Unocal Motor Other, Sump	20 25 gallons
			Oahu					
960720-1835	Sewage Spill	3080 Kalihi Street	C&C HNL	DOH 24 Hr Emergency Daily Call Log routed to HEER reported a 50 gallon sewage spill that entered storm drain then into Kalihi Stream.	Heavy rain	not given	Raw sewage Kalihi Stream	50 gallons
07/20/96		Honolulu	Oahu					
960720-2043	Sewage Spill	92-608 Palailal Street	C&C HNL	DOH 24 hr Emergency Daily Call Log routed to HEER reported a sewage spill at 92-608 Palailal St. Makakilo. 20 gallons overflowed from manhole and were contained on site. No storm drain involved.	UNKN	Cleaned, disinfected and deodorized.	Raw Sewage soil	20 gallons
07/20/96		Makakilo	Oahu					
960721-2104	Grease overflow from mainhole	100 North Beretanla	C&C HNL	DOH 24 hour emergency daily call log routed to HEER reported an overflow of manhole caused by soft grease. No storm drain involved.	grease	Containerized material and manhole cleared returning material to manhole. Cleaned, disinfected and deodorized.	sewage Manhole/street	25 gallons
07/21/96		Honolulu	Oahu					

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960722-1031 Ongoing	Hawaii Junk, Ltd.	Halekaulla St. Hilo	Hawaii		Metal, that looks like lead, is stored outdoors. Can lead leach into the soil? Has the area been tested?			Lead, Lead Sulfate Soil	
960723-0000 07/23/96	HPOWER	91-174 Hanua Street Honolulu	Oahu	C&C HNL 96707	Faulty hydraulic line leaked.	Faulty hydraulic line	Cleaned up spilled oil, repaired hydraulic line.	Hydraulic oil asphalt	25 gallons 25 gallons
960723-1230 07/23/96	H-Power Hydraulic Oil Spill	91-174 Hanua Street Kapolei	Oahu	C&C HNL 96797	Glenn Murata faxed us their notification sheet stating an oil spill occurred.	Not given	Used dry absorbant material to immediately cleanup the spill. Absorbant material swept up.	Hydraulic oil Soil	25 gallons 25 gallons
960724-0821	Offshore in the North Channel towards Hospital Point		Oahu		Caller states that a sheen of unknown size has been discovered.			Diesel Fuel Ocean	20 gallons
960724-1544	One Archer Lane	801 S. King St. Honolulu	Oahu	96813	Discovered petroleum contamination during construction. Tanks had been pulled previously.		Ogden is characterizing the site.	Petroleum Soil	
Se also 961002-1100. Forwarded to SDAR.									
960724-1615	PTA		Hawaii		A 150 gallon diesel tank on site for the emergency generator has a leak.		Hired contractors to clean up.	Diesel Fuel Soil	<25 gallons
960725-0108 07/25/96	Private Residence	94-524 Mahoe Street Waipahu	Oahu	C&C HNL	All day smell - coming from uphill. Nose Irritated. Smells like oil/gas	Odor	Not given	Oil/gas smell Air	UNKN

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960725-1145	HPOWER			C&C HNL	Engine blow out causing city and county refuge truck engine to blow out while making delivery at HPOWER Plant. Clean up in progress by HPOWER.	Engine Blowout	Clean up in progress	Oil	30 gallons
07/25/96		Kapolei	Oahu	96707				Concrete	25 gallons
960726-0930	FISC JP-5 Pipeline Leak	P.O. Box 300			5 gallons of JP-5 was released from a pinhole leak in the 6 inch pipeline into the water at valve chamber 4 Walplo Penn.	Equipment failure.		Jet Fuel JP-5	5 gallons
		Pearl Harbor	Oahu					Ocean	Sheen
960726-1114	FISC - Pearl Harbor (US Navy)	Ewa side Walplo Pennisnula		C&C HNL	Pinhole in 6" pipeline under water Isolating line & pumping out	Pinhole in pipeline	Booming off area and using absorbants and foam.	Jet Fuel JP-5	1 - 5 gallons
07/26/96		Walplo	Oahu					Water	25 gallons
960726-1935	Puu Helea Kaia Holder (Propane)	87-133 Helelua Street		C&C HNL	Packing valve on liquid phase line leading to bank of four storage tanks. HFD responded, evacuated 25 people. GASCO repaired valve.	Broken valve	Repaired valve.	Propane	<<100 pounds
07/26/96		Nanakuli	Oahu					Air	25 gallons
960727-1510	Poaki Bay Lifeguard Station	Nanakuli Beach		C&C HNL	Stinging seaweed with smell of chlorine. Came out before but it's getting worse.	Seaweed toxins	not given	UNKN	Not given
07/27/96		Nanakuli	Oahu					Ocean/Human	
960727-1709	Sewage Spill in Kewalo Basin	not given		C&C HNL	Raw sewage spill.	not given	not given	Raw sewage	not sure
07/27/96		Honolulu	Oahu					Ocean	
960727-1849	Oil spill at Submarine Base Pearl Harbor			C&C HNL	Oil spill of 3 gallons into the Harbor that evaporated on its own.	not given	None. Evaporated on its own.	oil	3 gallons
07/27/96		Honolulu	Oahu					Ocean	sheen
960728-0633	USS Buffalo Hydraulic Oil Leak at Pearl Harbor				Coupling broke during hydraulic flush operations releasing 3 gallons of hydraulic oil into the ocean.		Secured boom around submarine. Dissipated.	Hydraulic Fluid	3 gallons
07/27/96		Pearl Harbor	Oahu	96860				Ocean	Sheen

RP responded.

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960728-0733	Destroyer Tackikaze at Pearl Harbor Dock B-23	Dock B-23			The wrong switch was flipped on the Destroyer Tackikaze (Japan) during an internal fuel transfer.	Operator error.	Secured. Booms and adsorbants used for cleanup.	Diesel Fuel F-76	40 Gallons
07/28/96		Pearl Harbor	Oahu					Ocean	
960729-0809	Ewa Beach Seaweed	91-419A Ewa Beach Road		C&C HNL	Entire Ewa Beach Road area - during recent big surf with Kona winds for the last month > 50 people affected with bloody noses, rash on stomach - like bites, weepy eyes, sore throat, blisters in throat.	Seaweed toxins	Referred case to Clean Water	Seaweed	Not known
07/29/96		Ewa Beach	Oahu					Air/Water	
960729-1119	Underground Fuel Spill "Kauai"			Kauai	DOH 24 hr Emergency Daily Call Log routed to HEER a report of an underground fuel Spill on Kauai	not given	not given	fuel	not given
07/20/96			Kauai					soil	25 gallons
960730-1103	Kekaha Beach Abandoned Drum	Kaumualii Hwy. at Akekeke Rd.			Partially rusted drum discovered approximately 80 meters from the ocean.	Tide washed up drum	Drum moved inland. PENCO hired to identify contents and properly dispose of drum		20 gallon
07/30/96		Kekaha	Kauai	96752					
960730-1600	Hickam Air Force Base	Bldg. 1055 Row 5 Ramp Parking Area			Aircraft fuel valve failure released 30-40 gallons JP-8 onto the tarmac.	Valve failure.	Cleaned up with adsorbants.	Jet Fuel JP-8	30-40 gallons
07/30/96			Oahu					Concrete	25 gallons
960801-0820	Green Liquid In Pearl City	Behind Jim Stemanons along the bike path.		C&C HNL	Pooling of greenish liquid was reported, located behind Jim Stemannons along the bike path in Pearl City. Source UNKN. Has been happening after hours.	UNKN	Drove by and took a look at the site then determined site should be referred to CWB. Referred to CWB.	Greenish liquid	not given
08/01/96		Honolulu	Oahu					bike path	
960801-1829	Napili Pump #4 Sewage Spill				Pump #4 Napili (Lahaina) experienced an electrical problem. 1200 gallons to Honokeana Condos. Nothing in storm drain or in Ocean.		Electrical problem under investigation.	Sewage	1200 gallons
		Lahaina	Maui					Condos	

Absorbed by lawns. Washed down and disinfected.

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960802-0915	Maul Pineapple Truck Hydraulic Spill on the side of Dairy Road	Dairy Road at Kuhelani Highway, 1 mile west of Puunene Ave (eastbound)		Maul	Trucks drive shaft broke. Spinning drive shaft than broke the hydralic main feed line. Spill occurred at Puunene Avenue	Hydraulic main line broke.	Oil cleaned up with absorbants.	Hydraulic oil	25-30 gallons
08/02/96		Kahului	Maul	96732				Concrete	25 gallons
960803-1207	USS Buffalo Hydraulic Oil Leak	Naval Submarine Base Pearl Harbor			Performing external hydraulic oil flush and a hose coupling failed releasing 2 gallons to the ocean.		Sub was boomed at the time. Material was contained and picked up with pads.	Hydraulic Fluid	2 gallons
08/03/96		Pearl Harbor	Oahu					Ocean	Sheen
RP conducted clean up.									
960803-1427	Ocean off Punaluu/Hauula				Ocean has a yellow haze with foamy patches. Looks like oil. Has a sample in a jar.			Ocean	
			Hawaii						
Foam and floating miniscule wood chips, dustlike.									
960805-0128	Schofield Barracks, Building 1087B, Fuel Station Facility Number 1104			C&C HNL	Pump inadvertantly left open caused a diesel spill. Writen report followup will be taken care of by Walter Nagal	Pump left open	Cleaned up spilled material. Boomed off area and cleaned spill but method was not given. On August 13, 1996, loose gravel and sand were removed, contaminated dirt was excavatedand samples were taken to determine the need for further excavation.	Diesel (DF2)	40-50 gallons
08/05/96			Oahu					Concrete & Soil	25 gallons
960805-0830	Mystery Container Pauoa Road	445 Pauoa Road		Honolulu	Resident at 445 Pauoa Road discovered a 1-gal container left on property, was unsure of contents, and called HEER Office for response.	Unk container	Have Penco remove, hazcat, and dispose of "unknown source, fugitive dumping" (old pesticide's in container).	pesticide	
		Honolulu	Oahu	96813					

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960805-1755 08/05/96	Hickam Air Force Base	Hickam A.F.B Honolulu	 Oahu	Pressure washing buildings containing lead based paint. Chips and larger sheets of aged lead based paint were purposefully being removed from several large buildings	Pressure washing	Hickam Environmental responded , collecting free paint chips and staging for disposal as hazwaste. Notified HEER of activities	lead Soil, concrete, grassy areas	exact unknown, well above RQ yes
960806-0000 08/06/96	BHP Gas Co. Coolant Leak at Pier 38	Pier 38 Honolulu	 Oahu	Compressor oil circulation hose failed.	Ruptured hose.	Cleaned up. Waste will be properly disposed of.	SSR Ultra Coolant Concrete, Soil	22 gallons 25 gallons
No verbal notification since it was not over the RQ.								
960806-1825	BHP Refinery BHP Refinery Air	91-325 Komohana Street Kapolei	 Oahu	Shutdown of the SRU #3 at 1805. Uncertain if permit limits were exceeded. No plume, no visible emmisions.			Sulfur Dioxide Air	 1 lb.
CAB lead.								
960809-0930 08/08/96	Weyerhaeuser Corporation	900 North Nimitz Highway Honolulu	C&C HNL 96817	Excavation turned up soil contaminated with weathered petroleum. Trench is adjacent to the old railway and a couple of creosote soaked railroad ties were unearthed. Project is being miltiated to expand parking area.	Unearthed during excavation	Weyerhaeuser will handle all contaminated soil per DOH protocol.	petroleum and creosote soaked railroad ties. Soil	2 railroad ties, pet-contam soil UNKN
960809-1530 08/08/96	Abandoned Pearl City Wastewater Plant-Mercury	Pearl City Pearl City	 Oahu	Mike Nunn, Plant Manager, received notification from Naval Station Pearl Harbor public Works crew of a mercury spill located in the abandoned Pearl City Wastewater Plant.	Ruptured manometer	Mike Nunn will contact Navy (Carolyn Winters Office) for access to the abandoned Pearl City Wastewater Plant. Environmental contractors to cleanup.	Mercury Concrete	10 lbs. 1 lb.

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960810-1016	Manoa Road Sewage Spill	1944 Manoa Rd			72 gallons of sewage spilled. 50 gallons went to the storm drain.			Sewage	72 gallons
		Honolulu	Oahu					Storm Drain	
960811-1201	Vessel Sanko 18 Diesel Spill	739 N Nimitz Hwy			1 gallon of diesel fuel spilled during transfer.		Hired contractor who used and absorbant boom.	Diesel Fuel	1 gallon
		Honolulu	Oahu	96817				Ocean	Sheen
Hired contractor who used and absorbant boom.									
960811-2336	Schofield Sewage Spill	Schofield Barracks			Roots and grease caused a sewage spill.	Roots and grease		Sewage	
ongoing			Oahu					Soil	
960812-0749	Little Gas Shack	Rice Street		Kauai	Hose ruptured releasing gasoline. Spilled gasoline got out of containmenta area, flowed across the road into Nawiiwill stream then harbor.	Ruptured hose	DHO posting signs; beach closed.	Gasoline, Unleaded	1800 gallons
08/12/96		Lihue	Kauai	96766				soil/asphalt/stream /ocean	
Referred to UST Section.									
960812-1402	Kewalo Basln				Approximately1 gallon of diesel spilled from the vessel Kauhelani.	Refuelling.	A contractor has been hired and is on scene to conduct response actions.	Diesel Fuel	1 gallon
		Honolulu	Oahu	96814				Ocean	Sheen
960813-1030	Molehu Drive Potential Oil Release	1403 Molehu Dr.			Neighbor suspects that the 5 gallon container to the left of the garage is leaking used oil into the soil. The resident fixes a lot of cars at the property. At the corner of Uhila.		Site visit.	Oil, Waste	
ongoing		Honolulu	Oahu	96818				Soil	72 hours
Property owner moved bucket									
960814-0950	BHP Refinery	91-325 Komohana Street			Shutdown of the SRU at 8:55p, restart 2:30 a. No permit limits were exceeded.			Sulfur Dioxide	17 lbs SRU; 3,611 lbs refinery flare
	BHP Refinery Air	Kapolei	Oahu	96707				Air	1 lb.

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960815-0851 08/15/96	Dillingham Army Base JP8 spill	Honolulu	Oahu	96791	Army was responsible for a 75 gallon spill of JP8 fuel. Notification was reported to us by the Coast Guard, Mike Heisler. Walter Nagal, Army Environmental, called the State Hospital at 0215; 250 gallons.		Clean up with dry sweep and pads was completed by 10:30 am. Sand, gravel and adsorbants were packaged for disposal.	Jet Fuel JP-8 Ocean	75 gallons sheen
960815-1557 08/15/96	BHP Refinery Tank Farm BHP Refinery Oil	Honolulu	Oahu		Diesel fuel stain discovered on the ground. 2'x4'. Estimate 25 gallons. Tank 505. Revised amount to 43 gallons. The leak was within the secondary containment area.		Corrosion on the floor of Tank 505 caused the release. The tank was emptied as rapidly as possible and inspected. the floor will be repaired and the tank hydrotested before it is put back in service.	Diesel Fuel Soil	43 gallons 25 gallons
RP conducted repairs and clean up.									
960816-0709	USCGC Jarvis- WHEC 725 Waste Oil Spill	Ammunition Anchorage, East Lock Pearl Harbor	Oahu		Oil Water Process Tank overfilled. Released waste oil and water through vent on the tank.	Operator error.	Sheen dissapating.	Oil, Waste Ocean	10 Gallons Sheen
Sheen dissapating.									
960819-0913	Pier Bravo Sheen Sighting HONOLULU HARBOR	Pier Bravo Honolulu Harbor Honolulu	Oahu		Sheen sighted. Smells like gasoline.			Gasoline, Unleaded Ocean	Sheen
Dissapted with on scene weather conditions.									
960820-1707	FISC Diesel Drip Bucket Spill	K7 Pier Pearl Harbor	Oahu	96818	Diesel drip bucket was knocked over releasing about 3 gallons (1 gallon to the Ocean) of diesel.		Free oil picked up with Vacuum truck. Oil on water was contained by booms and recovered using sorbants.	Diesel Fuel Ocean, dock	3 gallons Sheen
NFA									
960820-1837	Waiiau Power Plant RoofingTar Spill	Waimalu	Oahu	96782	140 gallons of roofing tar were spilled.			Roofing Tar	140 gallons 25 gallons
RP conducted clean up.									

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960821-1025	Pier 37				Oil in water.		Smell sheen. USCG called on scene. Caller hung up after reporting seeing the sheen.	Oil	Sheen
08/21/96	HONOLULU HARBOR	Honolulu	Oahu					Ocean water	sheen
960821-1530	Hill Generating Station	54 Halekawila			Oil was contained within fuel trenches and removed by vac truck. Returned to tank.			Oil, non PCB	200 gallons
8/21/96		Hilo	Hawaii	96720				Soil	
960822-0407	Syringe Found in Safeway Beretania Bathroom	Beretania St			Syringe Found in Safeway Beretania Bathroom			Syringe	1
		Honolulu	Oahu	96826				Indoor	
960822-0901	Fronting Hono Medical Building at Beretania				Chemical spill in storm drain reported by road maintenance workers with no additional information reported from road maintenance.	UNKN	On scene observed paint residue in drain probably from building . City and County to follow-up.	Chemical UNKN	UNKN
08/22/96		Honolulu	Oahu					Storm drain	
960822-1622	Puueo Poi Pumping Service	Hwy 11 before Curtistown			Pump truck tipped over spilling oil/water from HELCo.	Vehicle accident.	Sand bagged storm drain. Les Chang of Puueo Poi (935-8435) is on scene. Driver taken to hospital.	Oil/Water	2100 gallon capacity, half spilled
8/22/96		Keau	Hawaii					Asphalt, Storm Drain, Soil	25 gallons
Hilo DOH responded.									
960824-1238	Sewage Spill caused by Grease				Sewage spill, 1500-2000 gallons.	Grease		Sewage	1500-2000 gallons
			Oahu						
960824-1239	Ala Wai Canal Glowing at Night	Ala Wai Canal			Ala Wai glowing at night.				
		Honolulu	Oahu					Canal	

Chemlite Juice or Glowsticks. A non toxic fluorescence dye according to the MSDS. Dissipated within minutes.

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960824-1737	Malaekahana Camp Ground Toilet Overflow			Toilet overflowed at Malaekahana Camp Ground.			Sewage	
		Laie	Oahu				Soil	
Odor/vector nuisance. C&C Park Maintenance responded.								
960826-1530	Lithgate Beach Outrigger Red Cylinder	Beach Fronting Outrigger Hotel		MSO Honolulu, LCDR Ken Hurtzler notified the after hours watch of a red gas cyliner that washed up onto the beach fronting the Outrigger hotel in Kapaa Kauai. The Lihue Hazmat Team and Kapaa Fire Dept. responded jointly with USCG personnel from the CGC	Fugitive dumping at sea	Lihue Hazmat and Kappaa Fire Dept., USCG Pulled a rusted blood-red cylinder from the surf fronting the Outrigger Hotel , Kapaa, Kauai. The Cylinder appeared to be 4ft. in heigth by 1.5 ft. in diameter. Contents unknown. possible propane, site stabalized.	Gas, Propane or Firefighting - Halon	Unknown
Unknown		Kapaa	Kauai				Ocean	no
960827-1220	USCGC Kiska	USCG Base Sand Island, ECHO Pier		While fueling CGC Kiska spilled approx. 1.5 gals fuel oil into Honolulu harbor	Vent overflow	USCG Kiska Crew and MSO Honolulu reps. placed sorbent boom and pads to recover spilled fuel oil. Cleanup completed, spent sorbents disposed of properly	Fuel Oil	1.5 gals
8/27/1996		Honolulu	Oahu				Ocean	yes
USCG Kiska Released approx. 1.5 gals. of fuel oil into Honolulu Harbor, USCG cleaned via sorbents and disposed of properly. slight sheen dissipated with the on-scene weather conditions. A follow up report is not necessary. Federal vessels are exempt from notification.								
960829-2205	Liliha Street Sewage Spill	2208A Liliha St		Broken sewer main on private line at St. Frances Hospital.	Broken Main	Roto-Rooter on scene.	Sewage	1000 gallons
		Honolulu	Oahu				Storm Drain	
Not St. Francis. CWB investigation discovered that adjacent 4-plex had an illegal pvc line stretched over stream. CWB lead.								
960830-0854	Pearl Harbor Pipeline Leak			22" underground pipeline leak discovered during pressure test.	Leaking Pipe	Leak confirmed by fresh diesel in monitoring wells. Locating leak. A 100 foot length of the 22 inch pipe was replaced.	Diesel Fuel S76	
	FISC Pipeline Leak	Pearl Harbor	Oahu	96818			Soil	

Forwarded to Navy RPM.

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960830-1747	Mohonua Place Sewage Spill	212 Mohonua Pl			Sewage odor.		Call Sewage Hotline.	Sewage	
		Honolulu	Oahu	96819					
960831-0157	Pacific Heights Road Sewage Spill	2471 Pacific Heights Rd			125 gallon sewage spill. 75 gallons mixed with rain and went down the storm drain.	Roots	Cleaned, disinfected and deodorized.	Sewage	125 gallons
08/30/96		Honolulu	Oahu	96813				Storm Drain	
960831-1308	Kam Highway Sewage Spill	2312 Kam Hwy			50 gallon sewage spill from a 24" line.	Grease	Cleaned, disinfected and deodorized.	Sewage	50 gallons
		Honolulu	Oahu	96819					
960831-1324	Kam Highway Sewage Spill	2130 Kam Hwy			50 gallon sewage spill.	Grease	Cleaned, disinfected and deodorized.	Sewage	50 gallons
		Honolulu	Oahu	96819					
960901-1314	Bertram Street Sewage Spill	1552 Bertram St			Roots in mailine caused a sewage spill.		Cleaned, disinfected and deodorized.	Sewage	30 gallons
			Oahu						
960901-1646	Toledo Dairy Runoff	85-443A Waianae Rd.			A lot of soil has been dumped on the road going to the dairy because of rains. Oil is coming from the dairy driveway and going into the storm drain and a neighbor's property as well as mixing with the soil.			Oil, Waste	
		Maiie	Oahu	96792				Storm Drain, Soil	
OSC diverted flow to dry storm canal. Two days later there was a tipalpia kill at the stream mouth.									
960901-2046	Beretania Street Sewage Spill	1055 S. Beretania St.			Grease and grit caused a spill of 20 gallons of sewage.	Grease	Cleaned, disinfected and deodorized. Spill was contained on site.	Sewage	20 gallons
		Honolulu	Oahu						

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960902-1148	Liliha Street Sewage Spill	2605A Liliha St Honolulu	Oahu		Grease caused a sewage spill.	Grease	Cleaned, disinfected and deodorized. Spill was contained on site.	Sewage	
960903-1115 09/02/96	Pearl Harbor Naval Shipyard	401 Avenue E, Suite 124 Pearl Harbor	Oahu	96860	Marine Railway #2 had a slow leak of 15000 gallons of bilge water from the 20,000 gallon above ground tank.	Valve left open and a tygon hose used as a site glass failed.	Went onto asphalt and into a storm drain. Placed Speedi-Dry on the ground. USCG couldn't find a sheen at the outfall, NFA from them.	Bilge Water Asphalt, Storm Drain	15000 gallons
960903-1120 Over the weekend.	Naval Station Pearl Harbor Bishop Point	Building 54 Pearl Harbor	Oahu	96860	Heavy rains caused some oil to seep from a dry well causing a 3'x3' rainbow sheen.		Leak was secured. Will remove soil. Will sample around dry well.	Oil Soil, Storm Drain	<20 gallons Sheen
Dissipated with on scene weather conditions.									
960903-1556 09/03/96	Japanese Large Telescope Subaru Project	Mauna Kea Summit	Hawaii		60-65 gallons of ethylene glycol spilled on soil. Office: 120 Pauahi St., Rm. 310, Hilo, 96720.	Hoisting drums, a palatte broke.	Mopped up liquid with rags; placed in barrel. Scraped up 6-8 " of soil and placed it on plastic. Will package waste for proper disposal. Completed clean up by 3:00.	Ethylene Glycol Soil	65 gallons 1 lb
960904-1035 09/04/96	Naval Submarine Base Pearl Harbor Boat House	Pearl Harbor	Oahu	96860	A hydraulic wench seal failed on the USS Iliwal (TRV-8). 1 gallon was released; 1 pint into the water.	Seal failure	Leak was secured. Adsorbants used to recover material.	Oil, Hydraulic Ocean	1 gallon Sheen

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960906-1319	Republican Street Pesticide Container - Storm Drain	1913 Republican St			Mr. Anonymous complained of a pesticide odor from a glass container abandoned curbside of his residence. The container was included in a pile of furniture and wood left for bulk item pickup. kids may have dumped it into storm drain.	Fugitive dumping/illegal disposal into a storm drain	SOSC contracted PENCO. Penco will retrieve the container if unbroken for disposal. If a release has occurred Penco to investigate for ID info, recover free product, and potentially flush residues. Drain may empty into Harbor or Keehl Lagoon	Unknown - suspect "pesticide" because of odor	Unknown - Less than 1 gals.
Unknown - 9/05/96		Kalihi - Honolulu	Oahu	96819				Storm Drain	
None - Fugitive Dumping - No Further Action needed									
960907-1830	Crosspointe Methamphetamine Lab	Mananai Place		Honolulu	At ~ 6:30 pm, SOCS received a notification fr. Capt. Terry Yuen of HPD, Narcotics Unit, of a crystal methamphetamine lab. located at Crosspointe Village Condominiums.		HEER contracted Penco to complete removal operations of residual manufacturing chemicals.	Denatured alcohol and acetone	2 gal of alcohol & 2qt cans of acetone
	Crosspointe Village	Honolulu	Oahu	96818					
ERRF Total = \$1,033.33 (PO#509203) + \$2,206.24 (PO#518265).									
960910-1120	Orchid Land Estates								
			Hawaii					Soil	
Awaiting further information.									
960911-0943	Banyan Tree Housing	41-545 Hihimanu Rd			Refuse workers reported strong chemical smell. Workers at the housing area were using liquid wood preservative yesterday.	Disposed of liquid in trash.	HazMat responding.	Wood preservative	
		Walmanalo	Oahu					Refuse truck	
960911-1257	Sumarine Base Pearl Harbor Berth Sierra 10	Berth Sierra 10 Pearl Harbor			The compensating fuel tank on the USS William H. Bates overflowed.		Release stopped. Transfer stopped. Boom deployed. Sheen dissipated.	Diesel Fuel	0.5 gallon
09/11/96		Pearl Harbor	Oahu	96661				Ocean	Sheen
960913-0403	Piers 17 and 18				Oil spill reported at 0345 between Piers 17 and 18. Perhaps 3-4 gallons of Diesel Fuel.			Diesel Fuel	4 gallons
	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen

Coast Guard lead.

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960914-1020	BHP Sulfur Plant Shut Down	91-325 Komohana Street			Sulfur plant had a shutdown on 09/13/96 at 1933. Back on line at 0643.		Distillate hydrocracker sour feed was reduced to a minimum and the sour water stripper feed was diverted to storage. Cause isolated and PLC replaced.	Sulfur dioxide	8521 pounds
09/14/96	BHP Refinery Air	Kapolei	Oahu	96707				Air	1 lb.
Cause isolated and PLC replaced.									
960914-1421	Peter Street Sewage Spill	2759 Peter St			Sewage spill of 5 gallons probably caused by roots. Contained on site. Cleaned, disinfected and deodorized.	Roots	Contained on site. Cleaned, disinfected and deodorized.	Sewage	5 gallons
		Honolulu	Oahu						
960914-2337	Pearl Harbor Sub Base #5 Oil Spill				Coast Guard received a call from Navy Petty Officer Boyd around 2230 regarding an oil spill from a broken pipeline which runs under the pier.	Broken pipeline.	They are sending out a boom.	Oil	
		Pearl Harbor	Oahu					Ocean	Sheen
960915-1218	Naval Station Pearl Harbor Docks S19-S21 Sheen Sighting	Docks S19-S21 Pearl Harbor, Code 31			Sheen sighted. Estimate spill at 100 gallons.		Absorbants used. Crews on site.	Diesel Fuel	100 gallons
09/4/96		Pearl Harbor	Oahu	96860				Ocean	Sheen
960916-0950	Hawaiian Memorial Park	45-425 Kam Hwy			Removed a 550 gallon UST and found fuel oil and diesel had leaked from holes in the tank. Unregulated UST.		Grossly petroleum contaminated soil was removed and stockpiled on site. TRPH levels up to 8570 ppm.	Diesel Fuel	
		Kaneohe	Oahu	96744				Soil	
960916-1020	BHP SRU 3 High Offgas Flow	91-325 Komohana Street			Malfunctioning Visbreaker caused a high offgas flow which resulted in a brief elevation in SO2 levels which did not exceed permit levels.		Reduced VBK gas flow manually until the indicator could be replaced.	Sulfur dioxide	
09/16/96	BHP Refinery Air	Kapolei	Oahu	96707				Air	1 lb.
960918-0913	FISC JP-5 Pipeline Leak Waipio Peninsula Near Inactive Ships Building 34	Waipio Access Road, Bldg 34			External corrosion was discovered on a JP-5 pipeline. Spill occurred during transfer of JP5 from Red Hill to NAS Barber's Point. Pinhole leaks in pipeline. Oil pushed up from ground after rain.	Leak in eight inch JP5 pipeline	Secured pipeline. Excavated soil for remediation. Used sorbent pads to pick up oil in ditch. Replaced 3,000 feet of pipeline. Next will cleanup contaminated soils.	Jet Fuel JP-5	100 ft of trench contaminated
09/18/96	FISC Pipeline	Pearl Harbor	Oahu	96797				Soil	25 gallons

970227-0909 has been deleted. Information from 970227-0909 has been incorporated in the record.

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960918-1109	Naval Station Pearl Harbor	Code 30			BMC Truck loading on a car ferry. A barrel from the semi bed ruptured.	Equipment failure	Secured leak. Absorbant pads used for recovery.	Diesel Fuel	150 gallons, 5 to the ocean
09/18/96		Pearl Harbor	Oahu	96826				Ocean	Sheen
960919-1327	BHP Sulfur Plant Shut Down	91-325 Komohana Street			Sulfur plant had a shutdown on 09/19/96 at 1309. Back on line at 1630. Did not exceed 12 hour rolling limit.			Sulfur dioxide	
09/19/96	BHP Refinery Air	Kapolei	Oahu	96707				Air	1 lb.
No release.									
960919-1523	USS Port Royal at the Pearl Harbor Naval Shipyard	Pearl Harbor Naval Shipyard			Valve misalignment during waste oil transfer from ship to pier facility.	Operator error	Secured release. Cleanup crews removed spilled material with vac pumps and sorbent pads.	Oil, waste	20 gallons
09/19/96		Pearl Harbor	Oahu	96675				Ocean	Sheen
960919-2232	Lualualei Naval Magazine Fugitive Dumping	Kolekole Pass Rd			Black unknown dumped on road and soil.	Dumping	Material and contaminated soil drummed for disposal. Sample sent to lab. PENCO conducted the removal action.	Paint Related Material	50 gallons
09/19/96		Walanae	Oahu	96792				Soil, Asphalt	
Clean up completed under HEER supervision.									
960920-0800	NAS Barbers Point Tank BP53 Leak	Building B947			Confirmed release of deisel upon tank closure.	Leaking pipe		Diesel Fuel	
		Barbers Point	Oahu	96862				Soil	
960920-0905	Hakimo Road - Illegal Dumping	87-1043 & 87-1055 Hakimo Road			There is an anonymous call to DLNR-Investigation Office to report an illegal disposal of hazardous materials. Mr. Cliff Robinson from DLNR, 587-0076, reports to DOH/HEER. Person suspected: Mr. Lawrence Agena, at 86-410 Halona Road, Walanae.			Soil	
early of this year		Walanae	Oahu	96792					

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960920-1300	Brewer Truck at Pearl City Industrial Park, Aloha Shoyu Co.	96-1205 Waihona St			Release occurred during unloading of a 50% sodium hydroxide solution from a tanker truck into a holding tank at a client's facility (Aloha Shoyu Co.). The connection between the pump and the pipe broke. Solution released to asphalt and storm drain.	Mechanical failure.	Neutralized NaOH with 100 gallons dilute muriatic acid (1gallon acid to 15 gallons water). Area washed down with water All flowed into the storm drain.	Sodium Hydroxide (Caustic Soda)	200 gallons
09/20/96		Pearl City	Oahu	96782				Storm Drain, asphalt	1000 pounds
960920-1425	Pier 35 Watermain Break	Nimitz Hwy at Pier 35			A July 26, 1996 watermain break caused subsurface oil to surface.		PENCO was hired per DOT request. Cleanup bill was sent to DOT, however, John Blackburn is asking if the ERRF can be used.	Oil	
	Honolulu Harbor	Honolulu	Oahu						
Clean up completed.									
960920-1450	Barbers Point Harbor				400 feet long by 8 or 10 inches wide. May be coming from AES' Coal loading crane.		Coast Guard responding.	Oil	
09/20/96			Oahu					Ocean	
960920-1830	Moanalua Road Clandestine Lab	98-945 Moanalua Rd, Building 6 Room 604 Harbor Pointe			Clandestine drug lab was raided by police.			Acetone, Denatured alcohol	
	Clandestine Lab	Aiea	Oahu	96701					
Forwarded to Cost Recovery.									
960923-0900	Papu Circle at Kalamanu Street	Papu CI at Kalamanu St			A metallic smell has been coming from an unoccupied neighboring house sporadically for months. Smell is strongest when the garage door and windows are open.		Site visit.		
		Honolulu	Oahu	96816				Air	
A site visit was made. No smell was perceived at the time.									
960923-1945	Pearl City Peninsula Odor	Pearl City Peninsula Naval Housing			Foul odor is causing concern in the neighborhood.				
09/19/96		Pearl City	Oahu	96782				Air	
Cdr Claussen of the Navy, said that rotten mangos are the suspected source. Mike and Terry obtained water samples from the pond/ditch. Surfactant interrupted water quality and caused BOD to decline. Standing water went septic.									

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960924-0855	CIP Fugitive Drum								
	CIP Fugitive Drums HD	Kapolei	Oahu	96707					
960924-2243	Waiālae Avenue Sewage Spill	4200 Waiālae Ave Honolulu	Oahu		25 gallons of sewage spilled at 4200 Waiālae Ave. and contained on road.	Grease	Cleaned, disinfected and deodorized.	Sewage Asphalt	25 gallons
960925-1736	Makakilo Ammonia Smell				There is an ammonia smell in the Makakilo area.			Air	
		Makakilo	Oahu	96707					
Inside private home; indoor air quality issue.									
960926-0815	SPF BHP-Barbers Point Crude Oil Spill Exercise							Crude Oil	
	Exercise	Barbers Point	Oahu					Ocean	
960926-0855	Rust Remover Sprayed on a Hedge				Something acidic was sprayed on a hedge using a plastic water bottle. Witness reported a cloud and a metallic taste. Police officer went to ER. Police saw a liter container of rust remover at suspects house. KFD tested pH.			Soil and hedge	1 liter
			Kauai						
960926-1131	Pohakuloa Training Area	Saddle Rd between Mile Markers 52 and 53			Tow truck flipped over spilling hydraulic fluid and diesel.	Vehicle accident	Excavated clay soil and grass 20'x12'x4" deep. Drummed for disposal.	Oil, hydraulic and Diesel Fuel Soil	85 gallons
09/25/96			Hawaii						
960926-1301	Hawaiian Electric Property Fugitive Dumping	Hanua St Kapolei	Oahu	96707	4 drums and 2 large refrigerators abandoned on HECO property.	Dumping	Drums are located off Hanua St. on the right hand side coming in, just past the Unisource driveway in the bushes.		3x55 gallons

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960927-0825	Hickam Pipeline Leak to Pearl Harbor							
		Pearl Harbor	Oahu		Pressure in fuel line from Pearl City Pennisula to Hickam was lost. 500 to 1000 gallons leaked under Pearl Harbor.	Evacuated Line.	Ocean	500-1000 gallons
8 or 10 inch line rupture underwater. Divers found hole in outside casing. Navy and Air Force environmental follow up.								
960927-1500	Lawai Cannery	3580 Lauoho Road	Kauai					
		Lawai	Kauai	96765				
Reffered to Hazardous Waste Section.								
960928-1225	Aloha Tower Harbor Sheen Spotting				Sheen sighted. Smell like diesel.	Dissapating.	Diesel Fuel	1 quart
		Honolulu	Oahu				Ocean	
960928-1310	Containers Dumped							
			Oahu		Containers taken outside and dumped. Some material went into the storm drain. There was a bad chemical odor.			
960928-1438	Insecticide Smell in Moanalua				Insecticide smell in Moanalua. Not the first time this has occured.			
		Honolulu	Oahu				Air	
Legal application of pesticide.								
960928-1440	Makakilo Sulfur Smell				Strong sulfur smell in the Makakilo are.			
	CIP Air	Makakilo	Oahu				Air	
960929-0456	Panana Street Sulfur Smell							
	CIP Air		Oahu				Air	

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960929-0510	Kohupono Street Sulfur Smell CIP Air	92-890 Kohupono St Kapolei	Oahu	96707	Strong sulfur smell.			Air	
Single complaint.									
960929-1627	Nawiliwili Harbor Stacie Bee III Diesel Spill		Kauai		A 1 to 10 gallon spill of diesel occured between a vendor and the vessel during a fueling operation. Reported at 1230p.			Diesel Fuel Ocean	
USCG lead.									
960929-1628	Kihel-Brown Substance in the Water	Kam I Beach Kihel	Maul		Brown substance in the water near Kam I-Kamaole measuring 1/8 x1/8 mile.		Pollution Investigator dispatched to scene.	Ocean	
USCG lead. Bagasse or "red tide"? MC 96014809 notes that no source was identified and that the sheen looked like organic material; case is closed to file.									
960930-1008	Chevron Refinery Sulfur Trioxide Release	91-480 Malakole St			The acid plant stack/blower shut, the valve stuck open and had to be manually closed.		Blower secured manually and the plant restarted.	Sulfur Trioxide	
09/26/96	Chevron Air	Kapolei	Oahu	96707				Air	
960930-1253	Reynolds Metals Varnish Spill	91-320 Komohana St Kapolei	Oahu	96707	Spilled 300 gallons of varnish (inside spray)			Varnish	300 gallons
961001-1059	BHP Restart SRU at 10:00				Emissions normal, no visible plume. Permit exceeded.	Cracked pipe in the ATU.	ATU taken out of service. A replacement pipe was installed on the mornig of 10/01/96. The SRU was restarted at 9:25.	Sulfur Dioxide	48 pounds
09/30/96	BHP Refinery Air		Oahu					Air	1 pound
A replacement pipe was installed.									
961002-0928	Whitmore Avenue Abandoned Container	Whitmore Ave	Oahu		5 gallon container left on side of road. Oily stains on the container.		OSC to investigate. Penco to pick up container.		5 gallons

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961002-1100 10/07/96	One Archer Lane Construction Site Discovery of UST	801 S. King St. Honolulu	Oahu	C&C HNL 96813	Contractors working for the Myers Corp. on the One Archer Lane project uncovered an unidentified UST.	Excavation	Ogden Environmental was immediately called to to test tank contents. Plans to have PENCO pump tank, dispose of substances and then remove tank were made by Myers Corp.	Soil	
See also 960724-1544. Forwarded to SDAR.									
961004-0956	Naval Station Pearl Harbor Sheen Sighting	Piers M1 and M2, Code 31 Pearl Harbor	Oahu	96860	Sheen sighted. 20 gallons of Diesel #2.		Deployed boom to contain.	Diesel Fuel #2 Ocean	20 gallons
961004-1717	Millilani and King Street Manhole Covers Missing								
961004-1929	Trapped Rat								
961004-2232	Puukena Drive Sewage Spill	740 Puukena Dr. Oahu			15 gallons of sewage seeped into the street and storm drains.		Cleaned, disinfected and deodorized.	Sewage Storm Drain	15 gallons
961007-2316	Makaha Oil on Beach	84-965 Farrington Hwy Makaha	Oahu	96792	Caller states oil is washing up on the beach.		None.	Oil Ocean	Sheen
961008-1358	Naval Station Pearl Harbor Sheen	Pearl Harbor	Oahu		Sheen sighted.		Deployed boom and adsorbant pads	Diesel Fuel Ocean	100 gallons Sheen

The HEER Office has no record of the initial verbal notification.

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961009-0756 10/09/96	Hickam Fuel Spill on Tarmac	Hickam AAF Oahu		JP-8 spilled on tarmac.		Air Force absorbed spilled material and disposed of it.	Jet Fuel JP-8 Concrete	25 gallons 25 gallons
961009-1006 10/09/96	Waiawa Correctional Facility	P.O. Box 1839 Pearl City Oahu	96797	Chlorine gas release	Human error during 150lbs. bottle disconnect/exchange	Brewer delivery driver with Waiawa Staff attempted to close the chlorine cylinder valve.	Chlorine Air	Approximately 20-30lbs
On 10/09/96 DPS reported a chlorine release at Waiawa Corr. Fac. HAZMAT and HEER responded. During a 150 lbs. bottle change there was a release. Brewer Chem. Rep. attempted to shut off bottle valve. (used APR) was overwhelmed then hospitalized. Four inmates also went for medical observation. Hazamat conducted entry, air monitoring completed, less than .1ppm in air. Chlorine dissipated with on-scene weather condirtion. An estimated 20-30 % of the bottle released to air(noted by frost line on exterior of bottle) SOSC opened the site. DPS will forward an incident report to HEER. No further action. Waiawa Corr. Fac. to submit Tier reports to HEER per SARA title III requirements.								
961009-1313	Sause Brothers Towing Pier 20 Bldge Spill Honolulu Harbor	Pier 20 Honolulu Oahu		Bldge pumped out.		Leak was secured. Used absorbants to recover.	Oil Ocean	Sheen
The HEER Office has no record of the inital verbal notification.								
961009-1411	Goodyear Wingfil Polymer Leak	762 Lower Main St Wailuku Maui	96793	20 foot container of Wingfil Polymer developeda leak.		Fire department is on scene.	Soil	
The HEER Office has no record of the inital verbal notification.								
961011-0612	Chevron Shipping Boom Exercise Exercise		Oahu	Conducting a spill boom deployment exercise at Barbers Point mooring at 0600 for about an hour.		Exercise		
961011-1657	BHP Sand Island Terminal Drain Line Leak BHP Refinery Oil		C&C HNL	Oil leaked from a failed drain line.		Gasket repaired with petroleum resistant material. Contamintaed soil removed for on-site treatment.	Oil Soil	Unrem 72 hrs
No initial telephone notification necessary.								

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961013-1218	Aerial Pesticide Spaying		Oahu	A plane is flying over releasing a strong pesticide odor. Very windy and the smell comes her way.		Plane ID? Get to fresh air.	Pesticide	
Single complaint, could not identify plane.								
961014-0706	Sheen Sighting off Barbers Point Off Shore Mooring		Oahu	Sheen 1/2x1/4 mile long blowing by off shore mooring.		Still under investigation.	Diesel Fuel #1	
	Off Shore	Kapolei					Ocean	Sheen
961016-1157	Keawakapu Beach Park	3032 Kihei Rd	Maui	3 foot by 40 foot black unknown sheen sighted.	Cane fire	Roland Asakura checked and concluded that the substance was cane fire ash.	Ash	
		Kihei	Maui	96753			Ocean	
961017-1110	Vehicle Ocean Dumping	Maiilili Channel	Honolulu	Small sedan was illegally disposed of into the ocean releasing gasoline and oil.	Fugitive dumping	HFD Waianae notified HEER that a vehicle was pushed off a ledge into a canal in Maill and was leaking gasoline. HEER contracted Marine Logistics to respond, place sorbents, and recover the vehicle.	Gasoline & Crankcase oil, Ethylene Glycol, Hydraulic oil, battery	Sheen
10/9/96	Ocean side of Farrington Hwy.	Maill	Oahu	96792			Ocean	yes
None - Mystery Spill								
961021-0745	Nawaakoa Place Drums	Nawaakoa PI (end)		80x55 gallons drums. Per Rev. Vai 677-1875, the contractor temporarily stores the drums on the property. The contractor, Robert 722-4070, uses the drums to support houses when adding a ground floor. Many drums labelled resins & acetone.		No release.		
		Waipahu	Oahu	96797				
961022-1347	Matson Navigation Acetone Leak	Pier 51-B Sand Island Access Rd		Vessel SS Maui arriving 10/23/96 at 10:30 am at Pier 53 has a 40 foot shipping container leaking acetone.		PENCO hired.	Acetone	
	Honolulu Harbor	Honolulu	Oahu	96819			Air	

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961023-0000	Naval Station UST #9-102379 Confirmed Release				Heating oil tank leak discovered upon tank closure. 340 ppm TPH-D in soil beneath piping.			Diesel Fuel	
		Pearl Harbor	Oahu					Soil	25 gallons
File forwarded to REM.									
961023-0001	Alea Laundry Stoddard Solvent Tank Confirmed Release				Stoddard Solvent tank leak discovered upon tank closure.			Stoddard Solvent- Dry Cleaning 6850002649038	
		Pearl Harbor	Oahu					Soil	
File forwarded to REM.									
961023-0926	Lihue Plantation Factory	2970 Kele St		Kauai	Found oil on water in drain tributary that leads to stream. Source unknown but heavy rainshad occurred.		PENCO hired by Plantation.	Oil	25 gallons
10/23/96	Lihue Plantation Co.	Lihue	Kauai	96766				Stream	Sheen
961023-1554	USS Shasta at Pier 21 Bravo Naval Station Pearl Harbor	Naval Station Pearl Harbor		Honolulu	Ship vent not venting fast enough so 5 gallons of oil were released into the water.		Booms. Cleaning up with absorbant mats.	Oil	5 gallons
10/23/96		Pearl Harbor	Oahu	96678				Ocean	Sheen
The HEER Office has no record of the inital verbal notification.									
961025-1605	Leaking Transformer			Maui	Transformer with a rusty casing leaked. Liquid being contained on concrete slab. Last tested for PCB in 1987-negative.	Rusted Casing		Oil	
			Molokai					Concrete	25 gallons
Forwarded to SDAR. Who owns the transformer (RP?). How much leaked to soil? What was done?									
961026-1950	Ulunui Street Sewage Spill	Ulunui St			Sewage spill.	Grease	Most cleared up by 1700.	Sewage	6-7000 gallons
		Kihel	Maui					Storm Drain	
961028-0615	Nanakuli Pig Farm	27-819 Waiolu St			Strong sulfur like odor from a pig farm. Farmer allegedly burns at night and off hours. Caller is an asthma suferer.		Notified Clean Air Branch.	Smoke	
		Nanakuli	Oahu					Air	

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961028-0845	Maul Electric Company	231 Lalo Pl (between there and 251 Lalo Pl)			Some type of liquid entered hand hole and affected a 1 degree, 72,000 volt cable (300'). Insulation eaten away. Lost service. Discovered on 10/22/96 am. MECO to hire contractor to identify liquid. Contact George Grey 871-2325.		Blake investigated and reported spilled liquid is not within public access area. pH is neutral. Line is 18 years old.	Soil	
		Kahului	Maui	96732					
961028-1853	Naval Station Pearl Harbor Docks Mike 1 & 2	Docks Mike 1 & 2			Sheen emitted from old pumping station as a result of previous spill. Caller states that this happens every high tide.		Booms and absorbants being used for clean up.	Diesel Fuel	20 gallons
		Pearl Harbor	Oahu					Ocean	
Referred to Navy RPM.									
961029-0826	Pier B-22 Sheen Sighting	Pier B-22			Sheen coming out from under pier.		Deployed booms. Clean up crews on scene. Product may be residue from and earlier spill.	Oil	50 gallons
		Pearl Harbor	Oahu					Ocean	
961030-1326	Honolulu Resource Recovery Venture (H-Power)				23.7 lbs. (over the permit) of NOx were released through the stack.		Adjusted Over fire air system and took fuel from a different source. Several days later it was discovered that the SIMMS analyzer needed to be replaced. The analyzer was replaced.	Oxides of Nitrogen	23.7
10/05/96		Kapolei	Oahu	96707				Air	10
961030-1430	Navy				May have released some asbestos.			Air	1 pound
		Pearl Harbor	Oahu						
961031-0000	Nuisance Odor				Sour water, Ammonia, H2S. Can smell H2S at the vent.			Air	

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961031-1124	Kahe Generating Station Kerosene Release from Drum	89-900 Farrington Hwy.	Honolulu	Leaking	Drum fell and broke open during transport on forklift.	HECO had the site cleaned up. Will follow a written report.	Kerosene Fuel	25 gal
10/31/96	Kahe Generating Station	Waianae	Oahu	96792			asphalt/storm drain	
961101-0705	AT&T Ship Long Lines Fuel Spill			Port Side fuel spill.			Fuel	
	Honolulu Harbor	Honolulu	Oahu				Ocean	Sheen
Follow up with the captain of the Charles Brown to assure that he is familiar with 128D reporting requirements.								
961101-1926	Sandy Beach Oil on Beach			Oil on beach approximately 250 foot by 2 foot.			Oil	
			Oahu				Ocean	Sheen
Mini "BB" size. Not feasible to clean.								
961102-1923	Kunia Area Oil Dumping			Someone dumping oil into a storm drain.			Oil	
		Kunia	Oahu				Storm Drain	
Vehicle wash water.								
961104-0800	Coconut Island Clean up			Assorted paints, pesticides, asbestos along waterfront requiring contractor removal and disposal before they released to shoreline.			Paints, pesticides, asbestos	
		Kaneohe	Oahu	96744			shoreline	
Have Penco clean up. ERRF Total = \$5,019.24 (PO#521746) + \$3,351.02 (PO#538869).								
961106-1300	Halawa Correctional Facility	99-902 Moanalua Rd		Odor of diesel reported Sonny Perrelra, Grounds Keeper. At the Halawa Medium Security Facility near main gate to sally port, J Gate.		Investigating source.	Diesel Fuel	
11/6/96		Aiea	Oahu	96701			Air	25 gallons
961107-0120	Waikale Clandestine Laboratory	Paioa Place		HPD seized an Conversion Clandestine Laboratory	Illegal Conversion Meth Clan-Lab	HPD Narcotics seized a conversion Clan-lab after odor complaints. Penco contracted to remove residual chemicals by HEER.	Acetone , Denatured Alcohol	less than a gallon of each
Nov, 7, 1996	Waikale Clan Lab	Waikale	Oahu	96797			House	1 lbs.
ERRF Total = \$720.83 (PO#518265).								

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961107-1119	Chevron Recovered Oil Releasee	91-480 Malakole St			Heavy rain necessitated the rerouting of an oily water sewer system to prevent overflow. Sewer backed up through a drain.	Heavy rainfall	Pumped and cleaned.	Oily Water	1000 gallons
	Chevron Refinery	Kapolei	Oahu	96707				Soil	25 gallons
961108-0755	Sans Souci Beach Syringes	Sans Souci Beach			Syringes and tampon applicators on the beach.		Walked beach and found no syringes. However, there were a lot of tampon applicators. Lifeguard to clean up beach.	Infectious Waste	
		Honolulu	Oahu	96815				Ocean	
961109-1615	Chevron Floating Tank Roof Sinks				Chevron's Floating Tank Roof Sinks.			Oil	
			Oahu					Air	
No spill. Explosive vapor concerns. Tank top turned turtle. Lay sideways. Sank then wedged inside tank. Problem corrected.									
961111-1721	Moanalua Road Sewage Spill	3288 Moanalua Rd		C&C HNL	Notification was reported to the DOH 24hr EDCL and routed to HEER for response and/or recording. A raw sewage spill of 400 gallons took place at 3288 Moanalua Road.	Separation/disconnection of 8" PVC main.	Secured, disinfected and deodorized	Raw Sewage	400 gallons
11/11/96		Moanalua	Oahu					Soil	
961112-1746	Auld Lane Sewage Spill 1	1240 Auld Lane		C&C HNL	Notification was called into the DOH 24hr EDCL and message sent to HEER for recording/response. A raw sewage spill took place at 1240 Auld Lane in Palama of 60 gallons.	Surcharge	not given	Raw Sewage	60 gallons
11/12/96		Palama	Oahu					Storm drain	
961112-1747	Sewage Spill 2	1205 Aloha Oe Drive		C&C HNL	Notification was called into the DOH 24hr EDCL and routed to HEER for recording. A raw sewage spill took place at 1205 Aloha Oe Drive in Maunawili.	not given	not given	Raw Sewage	not given
11/12/96		Maunawili	Oahu					not given	

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961112-1748 11/12/96	Lihua Street Sewage Spill 3	Lehua at Kalihi Street Kalihi Oahu	C&C HNL	Notification was called into the DOH 24hr EDCL and routed to HEER for recording/response. A raw sewage spill took place at the intersection of Helua and Kalihi Streets. 260 glons entered the Kalihi Stream.	Surcharge	not given	Raw Sewage Kalihi Stream	100 gallons
961112-1749 11/12/96	10th Avenue Sewage Spill 4	2414 10th Avenue Palolo Oahu	C&C HNL	Notification was called into the DOH 24 hr EDCL and routed to HEER for response or recording. A 300 gallon raw sewage spill into Palolo Stream took place at 2414 10th Avenue.	Blockage	not given	Raw Sewage Palolo Stream	300 gallons
961112-1750	Sewage Spill 5							
961112-1827 11/12/96	Sewage Spill	not given not given Maui	Maui	Report came in to the DOH 24hr EDCL and was routed to HEER for recording/response. 1-3,000 gallons of raw sewage spilled in Maui and entered a strom drain	UNKN Blockage	not provided	Raw Sewage Storm drain	1-3,000 gallons
961112-2053 11/12/96	Sewage Spill 1	Hele at Keolu Drive Kailua Oahu	C&C HNL	Report came in to the DOH 24hr EDCL and was routed to HEER for recording/response. On going surcharge of raw sewage took place at the Intersection of Hele and Heolu Drive.	Surcharge	not given	Raw Sewage not given	not given
961112-2054 11/12/96	Sewage Spill 2	Kupau at Keolu Drive Kailua Oahu	C&C HNL	Report came in to the DOH 24hr EDCL and was routed to HEER for recording/response. On going surcharge of raw sewage was occuring at the intersection of Kupau and Keolu Drive.	Surcharge	not given	Raw Sewage not given	not given
961112-2234 11/12/96	Chemical Smell	not given not given Oahu	C&C HNL	Report came in to the DOH 24hr EDCL and was routed to HEER for recording/response. A chemical smell was reported.	UNKN	not given	UNKN Air	not given

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961113-0746	BHP Refinery	91-325 Komohana St.			SRU #3 shut down on 11/13/96 ~1500. Subsequently, SO2 was released exceeding the RQ.		Sour water rerouted. Hydrocraker recirculating.	Sulfur Dioxide	46,890 lbs.
11/13/96	BHP Refinery Air	Kapolei	Oahu	96707				Air	1
961113-0822	Drums Floating Near Reef off of Kahaone Loop				2 55 gallons drums found floating in the water.		HFD to retrieve drums. USCG responding (Ducher). PENCO Standing by. / USCG delivered drums to PENCO for disposal. Drums had residue left inside. Labels; not hazardous, but skin and eye irritant.	Ocean	
	Open Ocean	Wailua	Oahu	96791					
Coast Guard lead. ERRF = \$143.75; another invoice will follow for this work.									
961113-0944	Apply-A-Line	2645 Kilihaui St			Black paint disposed of on ground.		USCG notified. Solid and Hazardous Waste Branch notified for follow up.	Paint	
		Honolulu	Oahu	96819				Soil	
961113-2349	Sealand Rupture of Force Main in Parking lot area	Sand Island Access Rd		C&C HNL	Report came in to the DOH 24hr EDCL and was routed to HEER for recording/response. A possible ruture of a force main took place Sealand at S.I. Access Rd.. Possibly leaking underground entering storm drainat 200 gal/min.	Rupture of force main	not given	not given	200 gal per min
11/13/96		Honolulu	Oahu					Storm Drain	
961114-1445	Propane Release at Kukui Grove Shopping Center Kauai	3-2600 Kaunualii Hwy, Suite 3001		Kauai	A propane release from a cooker in Si Chisco's entered ceiling and moved to neighboring office.	Improper equipment	Cooker turned off. Office vented. Inspected hood and found to be inadequate. Instructed Si Cisco to improve hood before turning back on.	propane	not given
11/14/96		Lihue	Kauai	96766				Air	

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961115-1235 11/15/96	Honolulu Wood Treating	91-291 Hanua St Kapolei	Oahu	96707	Are pumping green chemicals onto the ground which runs into the storm drain.		Referred to CWB and USCG. Consulted with Lous of SHWB. HWT utilizes Hi-Bor a non-hazardous material.	Soil, Storm Drain	
961115-1833	Unicold Ammonia Leak	3140 Ualena St Kapolei	Oahu	96707	Pinhole leak in the condenser of the cooling system caused a release of 100 pounds of ammonia.		Isolated Leak. Will repair.	Ammonia Air	100 pounds 100 pounds
961116-0735 11/16/96	Cow Manure	85-440 Wainae Valley Road Oahu		C&C HNL	Report came in to the DOH 24hr EDCL and was routed to the HEER Office for recording/response. Neighbors cow manure runoff onto callers property.	Cow manure	Bill Perry telephoned owners of property and told them to hose of property. Owner were owners of a dairy.	Cow manure Soil	not given
961116-0902 11/16/96	Sewage Spill	871 Kapiolani Blvd. Honolulu	Oahu	C&C HNL	A Raw sewage spill took place at 971 Kapiolani Blvd.	not given	Cleaned, Disinfected, Deodorized	Raw Sewage not given	8 gallons
961116-0947 11/16/96	Sewage Spill	Keehi Lagoon Honolulu	Oahu	C&C HNL	Report came in to the DOH 24hr EDCL and was routed to the HEER Office for response/recording. A raw sewage spill took place and ran into the Keehi Lagoon.	not given	Bill Perry was notified.	Raw Sewage Ocean	UNKN
961116-1118 11/16/96	Apana Street Oil/Diesel Spill	87-801 Apana Street Oahu		C&C HNL	An oil/diesel spill took place at 87-801 Apana Street.	not given	Bill Perry was notified.	Oil/Diesel not given	not given Sheen
961116-1655	Moanalua Road Sewage Spill								

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961116-1920	Allumanu Pump Station #1 Sewage Spill		Oahu		5000 Gallons Into Navy Golf Course.	Rain		Sewage	5000 gallons
								Soil	
961116-2056	Hele Street/Keolu Sewage Spill		Oahu		40 gallons into storm drain.	Rain		Sewage	40 gallons
								Storm Drain	
961116-2142	Halsey Terrace Sewage Spill		Oahu					Sewage	
961116-2142	Sewage Spill	Halsey Terrace (6 homes in area)			A report came into the DOH 24hr EDCL and was routed to the HEER Office for response/recording. A sewage spill was reported at the Halsey Terrace where six homes were affected.	Rain caused overflow of manhole	Tennants living in Navy housing effected by overflow of raw sewage for manhole during heavy rain were sent to a hotel.	Raw sewage	not given
11/16/96		not given	Oahu					Ground covering raising up into homes how to ground.	
961116-2148	Kulionu Pump Station Sewage Spill	6180 Kalaniana'ole Hwy			A report came into the DOH 24hr EDCL and was routed to HEER for response or recording purposes. A raw sewage spill took place at the Kulionu Pump Station 6180 Kalaniana'ole Hwy. Rain caused 140 gallons to spill. No storm drain was involved in the release	Rain	not given	Raw sewage	140 gallons
11/16/96			Oahu						
961117-0117	Sewage Spill	45-031 Lili'puna Place			A report came into the DOH 24hr EDCL and was routed to the HEER Office for reposne/recording. A manhole overflow caused raw sewage to overflow into Kaneohe Bay.	Surcharge	Unable to clean deodorize and disinfect as is the usual method of response.	Raw sewage	not given
11/17/96		Kaneohe	Oahu					Ocean at Kaneohe Bay	

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961117-0118 11/17/96	Ahe Place Sewage Spill	2203 Ahe Pl	Honolulu	Oahu	A report came into the DOH 24hr EDCL and was routed to the HEER Office for reposne/recording. A manhole overflow.	Surcharge	Unable to clean deodorize and disinfect as is the usual method of response.	Sewage	
961117-0956 11/17/96	Sewage Spill	94-205 Leo Wahine Street		Oahu	A report came into the DOH 24hr EDCL and was routed to the HEER Office for response/recording. A raw sewage spill took place at 94-205 Leo Wahine Street. Estimated at 300 gallons went into storm drain, then canal the Pearl Harbor.	not given	Signs were posted.	Raw sewage Storm drain/canal/Pearl Harbor ocean	300 gallons
961117-1258 11/17/96	Sewage Spill	1810 Hunnewell Street	Honolulu	Oahu	C&C HNL 96822 A report came into the DOH 24hr EDCL and was routed to the HEER Office for response or recording. A raw sewage spill took place at 10:40 on Hunnewell St. In the area of the UH Manoa.	Break in mainline	not given	Raw sewage Street	243 gallons
961117-1259 11/17/96	Sewage Spill	Cross section of Kam Hwy and Lani Huu Street.	Honolulu	Oahu	C&C HNL A report came into the DOH 24hr EDCL and was routed to the HEER Office for recording/response	not given	not given	Raw sewage not given	42 gallons
961117-1559	Honolulu Airport Fuel Spill at gate 10 Honolulu International Airport	Honolulu	Oahu		5-10 gallons of fuel spilled at gate 10.			Fuel	10 gallons
961117-1559 11/17/96	Honolulu International Airport Gate 10 Fuel Spill Honolulu International Airport	Honolulu Airport Gate 10	Honolulu	Oahu	C&C HNL A report came into the DOH 24hr EDCL and was routed to HEER for response or recording. A fuel spill took place at the Honolulu Airport Gate10. 5-10 gallons were spilled on asphalt.	not given	not given	Airplane fuel asphalt	1-10 gallons

Poor hookup to aircraft wing. Quick release hose lock failed on one side. Contained on ramp. Cleaned and dissipated rapidly.

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961118-0007	South Avenue Sewage Spill	South Ave. near dry dock #4		C&C HNL	A report came into the DOH 24hr EDCL and was routed to HEER for recording. 2,000 gallons of raw sewage spilled from a manhole into storm drain on South Ave near dry dock #4 Pearl Harbor NB, near 6th Street.	Collapsed 36" main	Repairs underway and vac truck on the scene at the time of notification. Site under control.	Raw Sewage	2,000 gallons
11/18/96	Pearl Harbor	Pearl City	Oahu					Storm drain	
961119-0850	Keehi Industrial Lots, Kalihi-Kai, Oahu, TMK: 1-2-23- 29	Keehi Industrial Lots, Kalihi-Kai, Oahu, TMK: 1-2- 23-29		C&C HNL	DLNR sent in a followup report to DOH concerning a release of Heavy bunker fuel.	container split open during cleanup operations	During a cleaning of inland portion of Keehi Lagoon 97% of spill was removed as it was detained from entering lagoon by debris clogging surface ditch flow into lagoon. Soil excavated, tanks cleaned and disposed of on mainland.	Heavy Bunker Fuel	200 gallons
11/19/96		Kalihi-Kai	Oahu					ditch soils and Keehi Lagoon	Sheen
961119-1911	Sand Island Approval to Discharge Tank Farm Facility Containment Water	3071 Aolele Street		C&C HNL	Mr. Ron Barringer of the Airport Group International requested approval to discharge tank farm vacility containment water into an undefined ditch at the SE corner of Lot 3 due to flooding and tank structural integrity threatened.	Flooding weakened coral foundations	Approval granted to discharge water into undefined ditch in SE corner of Lot 3. Told to comply with CFR 112.7(2)(iii) and keep HEER informed of dewatering operations.	Waste water	not given
11/19/96		Honolulu	Oahu	96819				undefined ditch in SE corner of Lot 3	
961120-0954	Dumped Auto Batteries	73 & 74 Drainage Resovior		Maul	A Report came in the the NRC and was faxed to HEER for recording/response. Release concerns an illegal dumping of auto batteries into drainage resovior 73 and 74.	Illegal dumping	Coast Guard directed caller to have his company remove batteries by November 21, 1996. Caller found 70 empty batteries. Site is apparently historical dumping site.	Sulfuric acid	not given
11/20/96		Walluku	Maul	96793				Sandy soils/Surface water drainage resovior	

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961120-1019	Fuel Spill	Naval Base Pearl Harbor Pier S-11		C&C HNL	A report came into the NRC and was faxed to HEER concerning a release from a fuel oil tank.	Valve not lined up correctly	Deployed Boom	Fuel	1 cup
11/20/96	Pearl Harbor	Pearl City	Oahu					Harbor	Sheen
961120-1605	Wailuku Above Mauilani Subdivision by Irrigation Reservoirs			Maui	60-70 car batteries discovered on property today. May have been there a long time.	Fugitive dumping	Hawaiian Commercial & Sugar Company will dispose of property to a recycling firm today or tomorrow.	Batteries	
		Wailuku	Maul					Soil	
Fugitive dumping. HC&S will took the lead for proper clean up.									
961120-1612	BHP Single Point Mooring				Off loading crude from the Oversea Chicago. Mooring Captain noticed drops in water.		Divers are Investigating. Secured operation until cause is corrected.	Crude Oil	10 drops
11/20/96	BHP Single Buoy Mooring	Kapolei	Oahu	96707				Ocean	Sheen
961121-2216	BHP Refinery Sulfuric Acid Spill	91-325 Komohana St			2 barrels of sulfuric acid was released into a containment area.		Spill was neutralized. Water and acid in ditch pumped out.	Sulfuric Acid	2 bbls
11/21/96		Kapolei	Oahu	96707				Concrete	1000 lbs.
The HEER Office has no record of the inital verbal notification.									
961122-0000	Operation Kokua				November flooding damaged hazmat stored in Waianae homes. Roadside pickup initiated to mitigate effects.				
		Waianae	Oahu						
File with Cost Recovery. See also Uniform Hazardous Waste Manifest Document Numbers 21631, 22511 and 22512.									
961122-0706	Minor Oil Spill, Pago Pago Harbor	American Samoa		American	The USCG faxed notification to HEER concerning an oil spill in Pago Pago harbor on 11/19/96 at the Starkist Cannery Dock.	Two vessels in the area were suspected in the release	Contractor was sent to cleanup spill with absorbent materials and completed cleanup on 11/19/96. Spill samples were taken from suspect vessels in the area.. 120 gallons recovered.	Waste oil	150 gallons
11/19/96		Pago Pago Harbor	Samoa					Ocean water of the Island of Samoa	Sheen

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961122-1248	HC&S Fuel Overflow	Puunene	Oahu	96784	Automatic shutoff did not function and unattended fuelling operation overflowed.	Unattended fuelling	Pumped out fuel in drainage sumps, placed absorbants, excavated soil to send to Pacific Thermal Service.	Diesel Fuel #2 High Sulfur Soil, Concrete	100 gallons 25 gallons
RP took the lead for clean up.									
961122-1509	Pioneer Mill Co., Ltd.	380 Lahainalua Rd. (office), P.O. Box 727		Maul	Trailer tank fell down and lost its contents. Cause is believed to be age/rust. Spill occurred sometime yesterday a.m.		used begas to cleanup spilled oil, and removed contaminated soils. 25 cubic yard removed. Storing waste in 4 trucks next to Cane Haul Rd. (next to Fulme Yard)	used oil concrete (90%) soil (10%)	800 gal.
11/21/96		Lahaina	Maul	96761					
961123-1428	BHP SRU Shutdown				The SRU reactor combustion zone lost flame.			Sulfur Dioxide	14,358 pounds above permitted level
	BHP Refinery Air		Oahu					Air	1 pound
CAB lead.									
961124-1008	Thermometer Disposal	not given			A report came in to the DOH 24hr EDCL and was routed to HEER for response/recording. Caller wanted to find out how to dispose of a thermometer.	not given	none given	Mercury	
11/24/96		not given	Oahu						
961124-1019	Painted Orange Red Material Runoff	Hawaii Kai Dr at Kumukahi Pl.		C&C HNL	A report came into the NRC and was faxed to HEER for recording/response. Home under construction had company power water sprayed and orange red liquid was flowing into off.	High power water spray	None		not given
11/24/96		Hawaii Kai	Oahu					Street	

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961124-1145 11/24/96	House Has Rats	26 Lake View Circle Oahu	C&C HNL	A report came into the DOH 24hr EDCL and was routed to HEER for response/recording. Caller complained that garbage behind house had rats and roaches which were coming into house. Landlord said garbage is from previous owners and won't do any thing.	Garbage attracting rats and roaches	Referred to Vector Control's new listing.	Rats and Roaches	
961124-2250 11/24/96	Sewage Spill	98-301 Kaamilo Street Aiea Oahu	C&C HNL	A report came into the DOH 24hr EDCL and was routed to HEER for recording/response. A sewage spill took place at 98-301 Kaamilo St. Aiea. No storm drain involved.	Clean-out caused overflow	Cleaned, deodorized, disinfected.	Sewage not given	3.5 gallons
961125-1050	BHP Plant Shut Down BHP Refinery Air	Kapolei Oahu	96707	Plant shut down Saturday afternoon.			Air	
961126-0433 11/26/96	Pearl Harbor UNKN Oil Release Pearl Harbor	Pearl Harbor Pier S19 Honolulu Oahu	C&C HNL	The HEER Office was faxed a release notification from the NRC reporting a release of oil at pier 19 in Pearl Harbor. Release is believed to be old oil coming from under the pier.	UNKN	Deployed Boom.	Oil Ocean/Pearl Harbor	not estimated Sheen
961126-0438 11/26/96	Pearl Harbor Diesel Release Pearl Harbor	Pearl Harbor Between Piers S19 and S18 Honolulu Oahu	C&C HNL	The HEER Office was faxed a release notification from the NRC reporting a diesel spill that took place between piers S19 and S18 at Pearl Harbor.	Breached Boom by passing Tug	Oil from an old spill was contained under the pier by a boom. When boom was breached by tug the release of the material was contained with more boom. Material was cleaned using absorbents.	Diesel Ocean/Pearl Harbor	50 gallons Sheen
961126-1625 11/26/96	BHP Terminal BHP Refinery Oil	Pier 32 Honolulu Oahu	Honolulu	1/2 cup of diesel spilled into the ocean.	overflow	BHP cleaned up the spill. OCD, Marine Safety were notified also.	Diesel Fuel Ocean	1/2 cup

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961128-0249	Pearl City Pumping Station Leak	Pearl City Pumping Station		C&C HNL	A report came into the DOH 24hr EDCL and was routed to HEER. Caller reported a leak from the Pearl City Pumping Station of 800 Gallons.	Leak	Stopped leak pumped into sepor.	Sewage	800 gallons
11/28/96		Pearl City	Oahu						
961129-1148	Kahe Power Plant Hydraulic Fluid Release	89-900 Farrington Hwy			Lost 25-30 gallons of hydraulic fluid to the soil.	Ruptured line.	Excavating soil now.	Hydraulic Fluid	25-30 gallons
11/27/96		Ewa	Oahu	96792				Soil	
ISST investigation completed.									
961129-1742	Waikapoki Wastewater Pump Station	Keaahala Road		C&C HNL	A report came into the DOH 24hr EDCL and was routed to HEER for recording/response. A waste water spill took place at 45-901 Waikapoki Wastewater Pump Station of about 25-50 gallons.	Force main brake	Signs posted. Cleanup completed.	Wastewater	25-50 gallons
11/29/96			Oahu					Road	
961201-1602	FISC Pipeline Failure	Pearl Harbor Pier M-4			Pipeline failure at Pier Mike 4 appears to be leaking . 10 gallons of diesel released.	Pipeline failure	Repairing and cleaning.	Diesel	10 gallons
		Pearl Harbor	Oahu					Ocean	Sheen
961202-0735	Cylinder Sighting	Kailua-Kona N19-09.0/W155-54.6		Hawaii	The USCG faxed notification to HEER concerning a cylinder sighting in oceans off shore from Kailua Kona Big Island: lat/Long: N19-09.0/W155-54.6. USCG sent vessel to retrieve and bring into Okoe Bay.	Abandoned or disgarded cylinder in the ocean	Vessel was sent to retrieve and haul into Okoe Bay. Upon arrival and Investigation the cylinder could not be located. Search was suspended.	UNKN	1 4 foot cylinder
12/02/96		Kailua-Kona	Hawaii					Ocean water off shore of Big Island in vicinity of Kailua Kona.	
961204-0945	Texaco Hilo Bay 4 Gallon Gasoline/Water Spill	Pier 3 Hilo Port		Hawaii	6 inch transfer pipe released 4 gallons of gasoline and water during water purging of the line.		Replugged line.	Gasoline, Unleaded	4 gallons
		Hilo	Hawaii	96720				Ocean	Sheen

Call Walker and Associates if report is not on Bill's desk.

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961205-1106	Omaoplo Area Chlorine Release			Maul	A fire in the shed melted valves on two chlorine cylinders. 280 pounds of chlorine released.	Fire	Fire is out.	Chlorine	280 pounds
12/05/96			Maul	96768				Air	10 pounds
961206-0708	BHP Barber's Point Harbor Pier #6	Malakole St			Hole developed in transfer hose during fueling activities.	Hose failure	Placed booms and sweeps to contain spill.	Diesel Fuel	10 gallons
12/6/96	Barbers Point Harbor	Kapolei	Oahu	96707				Ocean	Sheen
961206-0804	BHP Oil and Fuel Release at Honolulu Harbor	Honolulu Harbor Pier 33		C&C HNL	Release of 0.5 pint of oil, fuel no. 2-D from the M/V Ichi Maru at pier 33 into water of Honolulu Harbor.	Material released through vent accidentally.	Release was secured and adsorbent were used to recover.	Diesel Fuel # 2	0.5 pint
12/06/96	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen
961207-1013	Pier 29A Half Pint Fuel No.6 Spill	739 N. Nimitz Hwy, Pier 29A Honolulu Harbor		C&C HNL	Release of 0.5 pints of Oil Fuel No. 6 into Honolulu Harbor at Pier 29 Alpha after a hose ruptured while transferring dockside.	Ruptured hose	US Coast Guard called a cleanup crew ATT.	Fuel Oil #6	0.5 pints
12/07/96	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen
961207-1738	Small Oil Spill at Pier 29	Pier 29 Honolulu Harbor		C&C HNL	HEER received a notification on the DOH 24hr EDCL of a small oil spill at Pier 29. Turned out to be diesel fuel spilled on the dock and went into water.	accidental spill	not given	diesel fuel	3-5gallons
12/07/96	Honolulu Harbor	Honolulu	Oahu					Dock then harbor waters	Sheen
961208-0202	Pearl Harbor Oil Release	Pier S18 and S19 at Pearl Harbor		C&C HNL	A report of an unknown sheen sighting at Pearl Harbor was reported to the NRC and routed to the HEER Office for response or recording into data base. Sheen of light rainbow color approximately 15-20 gallons of residual material occurred near pier S18 .		Booms were deployed for cleanup.	Oil	20 gallons
12/08/96	Pearl Harbor	Honolulu	Oahu					Ocean	Sheen

USCG lead and cleanup.

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961208-1208	Hazmat Materials Reported at Construction Site			C&C HNL	Hazmat Materials Reported at construction site was reported to the DOH 24hr EDCL and routed to HEER for recording or response.		not given		
12/08/96		Honolulu	Oahu						
Substance was dried adhesives.									
961209-0426	Chevron Refinery Tank 158			C&C HNL	While doing maintenance on a tank at the Chevron Refinery a leak was discovered in the bottom of the tank. Tank #158.	Hole in bottom of tank	Will report to Leland Nakai. Follow up with Steve 12/10/96 if written report is required.	VGO	
12/09/96	Chevron Refinery	Honolulu	Oahu					Soil	
On site release, RP took the lead on clean up.									
961209-1626	Hydrocarbon Tank Leak	91-480 Malakole Street		C&C HNL	While performing an installation of secondary containment with leak detection bottom tank 158 was found to have a hole. Contents had been leaking into an existing plume.	hole in tank	Tank removed for cleaning and repair. On-going monitoring of existing plume.	petroleum hydrocarbon	UNKN
discovered 12/8/96	Chevron Refinery	Kapolei	Oahu	96707				Soil and Groundwater	
961209-2205	Sewage Spill	320 Liliuokalani Avenue		C&C HNL	A report came in to the DOH 24hr EDCL and was routed to HEER for recording or response. A release of 200 gallons of Raw Sewage and waste water entered storm drain.	not given	Cleaned, deodorized, disinfected	Raw Sewage	not given
12/09/96		Honolulu	Oahu					Storm drain	
961210-0237	Oil Release at Barber's Point Harbor	91-325 Konohana Street Pier 6 Barber's Point Harbor		C&C HNL	A report of an unknown sheen sighting at Barber's Point Harbor came into the NRC and was routed to HEER for response or recording. Unknown sheen was spotted between M/V "Amethyst River and Pier 6.	UNKN	US Coast Guard called in a contractor to look for the source.	Sheen	UNKN
12/10/96	Barbers Point Harbor	Kapolei	Oahu					Ocean	Sheen
USCG lead.									
961210-0928	Barge Light Oil Release	BHP Harbor Piers		C&C HNL	BHP was loading Naptha product on M/V Amythest and saw some light oil patches on the water coming from under the pier within a boomed area.	Leaching oil from boomed area	BHP is having Marine Logistics look under the pier and determine the source.	Oil	Not given
12/10/96		Honolulu	Oahu					Ocean	Sheen
961210-0944	Oil Sheen Honolulu Harbor	Honolulu Harbor Pier 40		C&C HNL	An oil sheen was reported as being sighted on the water at Honolulu Harbor at pier 40 between Delta and Echo landing areas.	UNKN	Not given	Oil Sheen	UNKN
12/10/96	Honolulu Harbor	Honolulu	Oahu					Ocean water in Honolulu Harbor	Sheen

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961211-1026	Kapaa Quarry Substation Transformer Oil Spill				About 600 gallons of non-PCB transformer oil spilled.		Crew will assess and begin clean up.	Oil, Transformer	600 gallons
	HECO Transformers	Kailua	Oahu					Soil	25 gallons
RP lead on clean up.									
961212-1040	Maill Kai Sub Division Old Fire Area	Hakimo Road (Mauka)		C&C HNL	A transformer was found while putting in the Access Road.	Abandoned Transformer	Hired contractor PENCO to remove, test and dispose of transformer. Awaiting PENCO's report.	Oil, Transformer	
12/12/96		Nanakuli	Oahu					ground	
961212-1541	Walanae Soil Dumping	Mallilili St. TMK 86013005			About 50 truck loads of soil, with possible oil contamination, have been dumped on the property in the last three weeks. Permission was given by the property owner, Tom Cossey of Pelco, Waipahu. 5 years ago, allowed creosote soaked poles to be dumped.	Dumping	Water table is 10 feet below ground.	Possible Oil Contaminated Soil	50 truck loads
		Walanae	Oahu					Soil	
Site visit made by Bill Perry. Area not petroleum contaminated. Solid waste present.									
961212-1640	Ford Island Vacuum Truck Spill			Honolulu	There was a spill from a vacuum truck. The spill was cleaned up by the OHM Remediation services. The owner of the property (Navy) will send a written notification.			Benzene Characteristic Hazardous Waste	20 gal
12/12/96			Oahu						
961212-1640	Benzene Release at Pearl Harbor	Pearl Harbor Naval Base		C&C HNL	Report came to the NRC who faxed HEER concerning a release of benzene from a vac-truck while unloading material.	Operator Error	Release was secured and absorbent pads were used to recover benzene.	Benzene	unkn
12/12/96		Pearl City	Oahu	96860				Concrete	10 pounds
961212-1746	Sanding Lead Based Paint	not given		C&C HNL	A complaint was reported to the DOH 24 Hr. EDCL and routed to HEER for response/recording. Neighbor complained his neighbor was sanding lead based paint.	Sanding	Referred to Clean Air Branch	Lead based paint	
12/12/96		Honolulu	Oahu					Air	

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961213-0902	Shipman Power Plant Injection Well Fuel Oil Spill	Lihlwal Street and Banyan Drive		Hilo	About 100 gallons of fuel oil from a leak within the facility got past the oil water separator into Injection Well UH1245. Most of the spilled material was recovered in a clean up conducted by Unitek.	Broken gauge line	Clean up by Unitek.	Fuel Oil	100 gallons to the Injection well.
Nov. 10, 1996		Hilo	Hawaii	96720				Water	25 gallons
961214-1320	Ag Spraying Waialal-Kahala	623 Hunalewa		C&C HNL	Caller complained to the DOH 24 Hr. EDCL and notification was routed to HEER for response or recording. Complaint regarding ag spraying since 11:00 am on 12/14/96.	Spraying	not given	pesticides	not given
12/14/96		Kahala	Oahu					Air	
961217-0945	Sheen Siting between Pier 2Band 2C				Sheen sited.		CG notified.	Oil	
	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen
Coast Guard lead.									
961217-1405	Whitmore Village Clan Lab	1042 Ehoeho Avenue			HPD Narcotics siezed an Meth Conversion Clan Lab at Whitmore Village Condominlums	Illegal Clandestine Coersion Laboratory	HPD Narcotics siezed a Clandestine Lab after receiving odor complaints. PENCO contracted by HEER to complete removal of residual conversion chemicals.	Denatured Alchohol, Acetone	Less than a gallon of each
Nov 16, 1996		Waihlawa	Oahu	96786				Apartment	1lb
ERRF Total = \$778.38 (PO#518265).									
961218-0415	BHP Petroleum Americas Refining Inc.			C&C HNL	A hose clamp failure during a pipeline cleaning resulted in a release of 110 gal of residual fuel oil and water of which only 1 gallon went into water.	Clamp break	Cleaned up and washed down area of spill (asphalt and concrete pier)	Residual fuel oil mixed with water	100 gal/1gal to H2O
12/07/96	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen
961218-0821	FISC Pier H-5 Kerosene Spill	Pearl Harbor Pier H-5		C&C HNL	The NRC faxed a notification to HEER reporting a spill of heavy kerosene (JP-5) into Pearl Harbor the incident occured on 12/18/96. A sheen was sighted about 20ft x 20ft rainbow in color.	UNKN	Containment boom, sorbant pads and vacuum truck deployed.	Jet Fuel JP-5	50 gallons
12/18/96	Pearl Harbor	Honolulu	Oahu					Ocean	Sheen

Corrective actions are complete. The line was drained, blinded and taken out of service by FISC.

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961221-0707	Queen Victoria Sinking At Pier 40	Pier 40 Honolulu Harbor		C&C HNL	The DOH 24 hr. EDCL was notified and the call was routed to HEER. The Queen Victoria was sinking in Honolulu Harbor and oil was sighted in the water.	Sinking ship		Oil	UNKN
12/21/96	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen
961221-1623	Aloha Tower Pier 10 Possible Chlorine & Phosphate Acid Release	Aloha Tower Pier 10		C&C HNL	Notification reported to the DOH 24hr EDCL and routed to HEER for recording and/or response. A possible chlorine and phosphoric acid release on board the SS Independence at Aloha Tower Pier 10.	Not given	Hazmat remover one container and said otherwise everything looked okay.	Chlorine and Phosphoric Acid	not given
12/21/96		Honolulu	Oahu					Air, SS Independence	
961221-1813	Ahanui Place Sewage Spill	2216 Ahunui Pl		C&C HNL	Sewage Spill.		Cleaned, disinfected and deodorized.	Sewage	12 gallons
12/21/96		Honolulu	Oahu					Soil	
961221-1915	Vehicle Fell Into Kahului Harbor	Pier 3 Kahului Harbor		Maui	A scrap vehicle fell overboard during loading on a barge by Maui Scrap Metal when the loading strap broke.	Loading strap broke	Harbor Master was notified and vehicle was recovered.	Petroleum Hydrocarbon	1 vehicle
12/21/96		Kahului	Maui					Ocean	Sheen
961223-1305	Heavy Kerosine Release	P.O. Box 300 Pearl Harbor		C&C HNL	The NRC faxed a notification to the HEER Office about a heavy kerosene release into Pearl Harbor. A 6 in. hose connected to a riser/valve was left open and the hose was capped/oil leaked out of the hose.	valve left open	Naval Station was notified. Absorbent was used. A vac truck vacated the hose.	Heavy Kerosene Fuel	10 gallons
12/23/96	Pearl Harbor	Honolulu	Oahu	96960				Ocean	Sheen
961223-1355	JP-5 (jet fuel) Release at Pier K-10 Honolulu Harbor	Pier K-10 Honolulu Harbor		C&C HNL	JP-5 jet fuel was released at pier K-10 Honolulu Harbor. 20 gallons were spilled on ground with 10 gallons entering the ocean water.		USCG had cleanup crew on the scene when SOSC from HEER investigated.	JP5 Jet Fuel	20 gallons
12/23/96	Pearl Harbor	Honolulu	Oahu	96818				Ocean	Sheen

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961224-1000	Mauian Hotel Non PCB Transformer Leak	Mauian Hotel Maui		Maul	A transformer fell down from its pole on Maui at the Mauian Hotel and leaked its fluids on ground.	Fell off pole mount	DOH Maui sent Maui Electric for response. Tests showed no PCBs were contained in fluid. No further actions were taken.	Non PCB (mineral oil) transformer fluid Soil	not given
12/24/96		Maul	Maul						
961225-1246	BHP Sulfur Dioxide Emissions	91-325 Komohana Street			Sulfur recovery unit 3 shut down due to failure of its process logic controller and sulfur dioxide was emitted but remained below lbs./hr. limit (11 pound were released).	Controller failure	Incident was investigated and determined not a threat by BHP.	Sulfur Dioxide	11 pounds
12/25/96	BHP Refinery Air	Kapolei	Oahu	96707				Air	
961225-2036	Sulfur Plant Startup	BHP at CIP		C&C HNL	A report came in to the DOH 24hr EDCL and was routed to HEER for recording or response if necessary. Starting up the Sulfur Plant was the message.	Startup causes some small release	None.	Sulfur	minimal
12/25/96	BHP Refinery Air	Kapolei	Oahu					Air	
961226-1100	Hazardous Material on Residential Property TMK: 4-2-12-11	Lunahooko Loop		C&C HNL	Hazardous material found on the property of Antone Vincent , 115 Maunawili Road, Kailua	not given	Terry went to investigate, no actions reported.		not given
12/26/96		Kailua	Oahu	96734				not given assumed soil	
961226-1900	Naval Station Oil Release	NAVSTA Pearl Harbor Sub Base Side		C&C HNL	Unknown amount of oil was released to Pearl Harbor. Sheen sighted was 100ft x 200 ft brown in color	UNKN	Sheen was contained with boom and cleaning crew was dispatched to the scene.	Oil	
12/26/96	Pearl Harbor	Honolulu	Oahu	96860				Ocean	Sheen
Source unknown. Clean up complete. USCG lead.									
961227-1145	Napili NonPCB Transformer Spill	46 Hui Road Napile Maui		Maul	A 3 pole mount transformer fell down and ruptured its container spilling its contents.	Transformer fell off mount	Contractors hired to cleanup spill and install new transformer. Tested transformer oil and found to be non PCB fluid.	Dielectric Transformer Oil	100 gallons
12/27/96	HECO Transformers	Napili	Maul					Soils	25 gallons

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961229-1030 12/29/96	Fuel Spill	Waianae Boat Harbor Waianae Oahu	C&C HNL	The NRC faxed notification to HEER concerning a spill of 2-D fuel into the Waianae Harbor	Boat sank at slip	Put sweep out.	Fuel Oil #2 Ocean	Sheen
USCG lead.								
961230-0300 12/30/96	Kihel Sewage Treatment Plant HPM Building Supply/Wood Protection Co.	Kihel Maui	Maui	Maui County Police Department received notification and routed incident report to HEER. Chlorine leak activated alarm. Rescure 10 was on scene and checked area, closed valve, stopped leak, cleared room, secured area and documented.	Leak	Leak stopped. Site secured.	Chlorine Air	10 pounds
961231-1000 12/31/96	Hazardous Waste Found On Side Of Road	Paakea and Apana Streets Waianae Oahu	C&C HNL 96792	A pile of hazardous waste including drums, car batteries and tires was found in Waianae along the side of the road.	Abandoned hazardous waste	Bill Perry went out and investigated the site as part of the cities project for bulk pickup. No further actions were reported.	drums (contents UNKN), batteries and tires Soil	not given
96710-1430 unk	Tantalus Hiking Trail Paint Dumping	Tantalus Trail Honolulu Oahu	96822	Hiker reports finding numerous paint cans partial and completely full at trail head; some have leaked onto ground.	Dumping	HEER called Marine Logistics; could not respond; called Penco: will pick up. Land is State DLNR land. DLNR has corp. yard w/ security fence. Will stage for removal there.	Paint (Latex or oil based unknown) soil	approx. 10-15 gal.
ERRF Total = \$4,974.28 (PO#518258).								
970101-0801 01/01/97	Oil Spill Honolulu Harbor Drill Honolulu Harbor	Pier 30 Honolulu Harbor Honolulu Oahu	C&C HNL	Report came in to the DOH 24 Hr. EDCL and was routed to HEER for response/recording. An oil spill of about 2 barrells of Bunker fuel.	UNKN	Terry Corpus Investigated and found out release was a drill.	Bunker fuel Ocean	2 barrels
970101-1750 01/01/97	Queen Victoria Vessel Splitting with Diesel Oil Release Honolulu Harbor	Pier 40 Honolulu Harbor Honolulu Oahu	C&C HNL 96817	Vessel the Queen Victoria was splitting apart. Conainment boom was not working at the time of notification. Diesel/oil was leaking from the vessel.	Vessel splitting open	The U.S. Coast Guard took the lead for response at the incident.	Diesel/oil Ocean water in Honolulu Harbor	UNKN Sheen

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970102-1025	Buoy 5 & 7 Aloha Tower Honolulu Harbor	Aloha Tower Honolulu Oahu		Old oil probably from under piers. Reported by State Harbor Patrol Waterborne Unit			Oil Ocean	 Sheen
Coast Guard lead.								
970102-1730 01/02/97	Kaloapau Street Oil Release	95-281 Kaloapau Street Millilani Oahu	C&C HNL	Oil was discovered running from a base yard in Millilani where tractors are stored. Oil had entered storm drain.		Terry went out and investigated the site and did not find a release of oil as reported. No further action was taken.	Oil Storm Drain	 Sheen
970103-1230	Kaneohe Bay Muddy/Oily Water	Kaneohe Circle at Coconut Kaneohe Oahu		Water looks muddy with an oily look at the edges.			 Ocean	
970103-1253 01/03/97	HECO Umi Street Transformer Spill HECO Transformers	715 Umi St Honolulu Oahu		Traffic accident broke a non-pcb transformer. Oil spilled on ground and into a hand hole.		Pumping hand hole.	Oil, Transformer Soil	>25 gallon 25 gallon
HECO handled it.								
970103-1321 01/03/97	Pearl Harbor Oil Release	Pier Bravo 23 Pearl Harbor Navy Base Honolulu Oahu	C&C HNL 96818	The National Response Center was notified and they faxed the HEER Office reporting a release of oil into Pearl Harbor at Pier 23.	Under Investigation by Coast Guard	Boom was placed around the ship releasing oil and absorbents were used for clean up.	oil Ocean	UNKN Sheen
970103-1608 01/03/97	HECO Ukee Street Non PCB Transformer Oil Spill HECO Transformers	94-0826 Ukee Street Waipio Gentry Oahu	C&C HNL	HECO reported a non-PCB transformer oil spill of 30 gallons on to a concrete sidewalk and adjacent roadway.	leaking transformer	Spill area was cordoned off and the release contained. All visible signs of contamination was removed using non petroleum based cleaning agents and granular absorbent. Cleanup debris was sent to H-POWER for disposal.	non PCB transformer oil Concrete/Soil	30 gallons

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970104-2249	Ewa Beach Sewage Spill	91-618 Pupu Street, Ewa Beach		C&C HNL	Report came to the DOH 24 Hr. EDCL and was routed to HEER for recording purposes. Raw Sewage spill of 10 gallons caused by a stick found inside.	Stick	Cleaned, disinfected and deodorized	Raw Sewage	10 gallons
01/04/97		Ewa Beach	Oahu						
970105-2348	Sulphur Recovery Unit Start Up	91-352 Komohana Street		C&C HNL	Report came in to the DOH 24hr EDCL and notification was routed to HEER for recording and/or response. Sulphur Recovery Unit Start up at 2400 hrs on January 5, 1997. No reportable quantity of sulphur was released.	Sulphur Recovery Unit Start up	Notification for information only.	Sulphur	
01/05/97	BHP Refinery Air	Kapolei	Oahu	96707				Air	
970106-1041	Pearl Harbor Sheen Sighting	Pier Bravo 20-21 Pearl Harbor		C&C HNL	The National Response Cencer was notified of a sheen sighting in the Pearl Harbor and faxed the HEER Office.	UNKN	The NRC received notification and faxed to the HEER Office of an unknown sheen sighting in Pearl Harbor, rainbow in color. Station Port OPS responded and Coast Guard was notified.	Petroleum Hydrocarbon	UNKN
01/06/97		Honolulu	Oahu	96818				Ocean	Sheen
970106-1708	Propane Odor				Strong Propane odor reported.			Propane	
			Oahu					Air	
Lack of information. No further complaints.									
970106-1819	Maalaea Generating Station Diesel Fuel Overflow Tank B	Maui Electric Maalaea		Maui	A report came in to the DOH 24hr EDCL and was routed to HEER for response/recording. An overflow of diesel fuel #2 occured while filling a B tank. Overflow of 1,500 gallons happened while pumping fuel into waste oil tank.	Operator's error	Fuel contained in the area of Maalaea	Waste Diesel fuel #2	1,500 gallons
01/06/97		Maui	Maui					ground	

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970107-1017 01/07/97	Kipapa Tank Farm Non PCB Transformer Oil Spill	Kipapa Oahu	C&C HNL	A release occurred during the time period of July 1996 to January 1997. Transformer dielectric fluid (non PCB) was spilled on the ground by vandals to gain the copper core.	Vandalism	TSgt David Rosser of the Enviro Flight visited the site and sampled the fluids and soil. Samples found to be non PCB TransformerDielectric fluid	non PCB transformer dielectric fluid soil	40 gallons 25 gallons
970107-1902 01/07/97	Waipahu Sewage Spill	94-111 Pahu Street, Waipahu Oahu	C&C HNL	A report came in to the DOH 24hr EDCL and was routed to HEER for response or recording. A 12,700 gallons sewage spill occurred on property.	Rocks and grease	Contained in back yard, secured and 11,000 gallons pumped out with the rest left to dissipate, Cleaned Deodorized, Disinfected.	Raw Sewage ground in back yard	12,700 gallons
970109-1726 01/09/97	Kewalo Basin Lift Station Sewage Overflowing Manhole	Kewalo Basin Lift Station Honolulu Oahu Kewalo Basin	C&C HNL	Report called into the DOH 24hr EDCL and routed to HEER for recording or response. Kewalo Basin lift station pump not working and sewage overflowed out of manholes.	Pump failure	not given	Sewage manhole surrounding	not given
970110-0008 01/09/97	Kapiolani Boulevard Sewage Spill	1695 Kapiolani Blvd Honolulu Oahu		50 gallon Sewage Spill	Grease	Cleaned, disinfected and deorized.	Sewage Soil	50 gallons
970110-0946 01/10/97	HELCO Hill Generating Station Wastewater System Leak Incident	Hill Plant #6 Drainage Well, UIC Permit No. UH- 1242, Facility ID #84203.01 HI Electric Light Co. Inc. Hawaii	96840	Release of 2000 gal waste water from Hill Power Plant on Big Island. Release had low pH ~1, corrosive/acidic. Well is OK pH 7. 2000 gal went into injection well. Testing for TCLP of metals.	Problem at Hill Power Plant	Tested pH and TCLP of metals. pH <2 chromium > 10 ppm. VIC to followup	Waste Water Injection well	2000 gal
970110-1030 12/12/96	Benzene Release at Pearl Harbor	Pearl Harbor Naval Base Pearl City Oahu	C&C HNL 96860	Diesel released from vacuum truck hose during transfer into holding tank.	Unloading	Initial notification suggested a benzene release. Actually diesel fuel was released. the leak was secured. Absorbant pads used to recover material. An estimated 5 gallons of diesel was released.	Diesel Fuel Concrete	potential 2500 gallons

U.S. Navy submitted a written followup regarding the incident. The spilled diesel was contained on a concrete slab and recovered via sorbents.

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970110-1300 01/15/97	Hydraulic Oil Release at Naval Submarine Base	Naval Submarine Base Pearl Harbor Oahu	C&C HNL 9.69E+08	Navy sent written report of a hydraulic oil release at the Naval Submarine Base Pearl Harbor. Release occurred at pier Y-3B. Hose broke releasing 1 gallon on the pier and a small amount spilled over into water.	Broken Hose	None taken.	Hydraulic oil Ocean	1 gallon Sheen
970111-1134 01/11/97	Waipahu Sewage Spill	Waipahu Area Waipahu Oahu	C&C HNL	A report came into the DOH 24hr EDCL and was routed to HEER for recording or response. A raw sewage spill was reported to have occurred in the Waipahu area and water went into the storm drain.	not given	Reported to HEER.	Raw Sewage Storm Drain	not given
970111-1410 01/11/97	Halawa Sewage Spill	99-166 Kalaloa Street Halawa Oahu	C&C HNL	The HEER office was routed notification from the 24hr EDCL concerning a sewage spill of 712 gallons that entered the Halawa Stream via the storm drain.	not given	Cleaned, deodorized, disinfected.	Raw Sewage storm drain, Halawa surface water stream	712 gallons
970112-1700 03/12/97	Diesel Fuel Spill Pearl Harbor	Pier M-1/2 Naval Station Pearl Harbor Honolulu Oahu		Fax transmittal from COMNAVBASE Pearl Harbor reported a diesel fuel spill of approximately 300 gallons into Pearl Harbor.	Leak on 2-1/2 inch lateral pipe at M-1/2	Sorbent boom deployed. Absorbent pads, Wier belt type skimmer, and vac truck with skimmer head used to cleanup.	DFM Diesel Fuel Ocean/Harbor	300 gallons Sheen
U.S. Navy submitted a written report. Most of the product was contained and recovered. Escaped material (sheen) dissipated with the on-scene weather conditions. Repairs were made to the pipeline.								
970112-2021 03/12/97	Sewage Spill	Schofield Quarters Oahu	Honolulu	Anonymous report of a sewage spill that entered the storm drain came into the DOH 24 hr EDCL and was routed to HEER for recording. Quantity was not given.	not given	At the time spill occurred Hospitals dispatch was unable to collect enough information from "anonymous caller". Evidently the actual release was two days prior to the notification. HEER called Army Environmental which was unaware of the release.	Sewage Storm Drain	not given

Army discovered the problem after HEER followup. Root blockage caused for the sewage line backup and release into nearby storm drainage. Army facilities cleared the line, disinfected and deodorized all affected areas.

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970115-1930 01/15/97	Kalaeloa Cogeneration Plant Betz Optimeen 8079 spill	91-111 Kalaeloa Boulevard		C&C HNL	Two gallons of Optimeen 8079 occurred on 1/15/97. Spill was onto ground at the facility site. See 970117-0120.	Overflow	Contaminated gravel and dirt were contained in drum and area was flushed with water.	Betz Optimeen 8079 soil	2 gallons 25 gal./sheen
970117-0000	Tanks removal at Bellows AFS BELLOWES AFS	75 H Street Hickam AFB		Honolulu 96853	Three tank were removed at Bellows AFS #ST11-B-1; #ST11-B-2; #ST11-E. Tanks were used for petroleum both diesel and gasoline.	Tank removal	Tanks were removed and sampled. Results indicated presence of TPHs below Risk Based Correction Action levels. It was determined NFA was necessary by Environmental Staff at Bellows AFS	Diesel Fuel and Gasoline Soil	 25 gallons
970117-1130 03/17/97	BHP Hawaii BHP Honolulu Harbor	739 North Nimitz Highway Honolulu	Oahu	Honolulu	NRC reported a release of an unknown amount of an unknown oil to the water after contaminated subsurface soil was disturbed.	Disturbed contaminated subsurface soil has caused a sheen to form on the water.	At the time this notification was recorded the rpt. from NRC stated BHP would put booms out to contain the material so it could be cleaned. The assumption is made they did so.	Oil Ocean	Unknown sheen
BHP responded to contain the material on the water.									
970117-1300 01/17/97	Kalulani Elementary School	788 North King Street Honolulu	Oahu	C&C HNL 96817	A company (Q Produce) painted a vehicle in their building. Emissions from the painting impacted the school.	Painting vehicle	Manager, Ryan Kim said they painted van in the building that has no emission control, is used to process/handle produce. Van was painted blue. The paint used wre MSA-575 acrylic enamel and MSA-5015B. They will not repeat the incident.	Paint Air	UNKN

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970117-1320 01/17/97	Kalaeloa Cogeneration Plant Betz Optimeen 8079 Spill	CIP		C&C HNL	Notified by Robert Griffen operator for ABB Kalaeloa Co. Generating Plant at CIP that 2 gallons of cyclohexylamine chemical for water treatment was spilled on ground, cleaned, contained and ready for shipment disposal. See 970115-1930.	Spill	Cleaned, contained, ready for shipment and proper disposal. Notified NRC and CD.	cyclohexylamine ground	2 gallons
970120-0826 01/19/97	Wahiawa Treatment Plant Sewage Spill				4600 gallon Sewage Spill	Heavy rain.	Signs posted. News release scheduled for AM.	Sewage Stream	4600 gallon
Wastewater lead.									
970120-1054 01/20/97	Keehi Lagoon Sewage Spill				2 million gallon Sewage Spill	Heavy rain.	Notifications made.	Sewage Ocean	2 million gallons
Notifications made. See also 970120-1627.									
970120-1055 01/20/97	Hawaiian Metal Recycling Company	91-056 Hanua Kapolei		C&C HNL 96707	Radiation detectors at the weighing station were tripped many times by an UNKN source outside of the facility. Investigation by the facility's safety manager located the source. A company by the name of MQS was conducting work on BHP's pipeline on Olai St	Work on BHP pipeline over storm drainage canal	OSC on scene at 11:40 am, MQS was not at reported site according to Karl, the pipeline work site is approximately 500 ft from the scale's detector over a storm drainage canal.	gamma radiation Air	UNKN
970120-1553	Dillingham Boulevard Sewage Spill				Sewage Spill			Sewage	
970120-1627	Keehi Army Sewage Spill				Forced Main broke. See 970120-1054.			Sewage Ocean	2 million gallons

See also 970120-1054.

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970120-1753	Kilauea Street Sewage Spill	Kilauea St at Pueo Honolulu Oahu		Sewage Spill			Sewage Soil	876 gallons
970120-2033	Lurline Drive Sewage Spill	Lurline Dr at Waianae Honolulu Oahu		Sewage Spill			Sewage Soil	20 gallons
970121-0328 01/21/97	Waste Water Release in Hilo	54 Halekauila Street Hilo Hawaii	Hawaii	A fax came to the HEER Office from the NRC concerning a release of 2000 gallons of waste water from a treatment tank.	Tank corrosion	Leak was secured.	Waste water from treatment tank Ocean water	2000 gallons
970121-1020 01/21/97	American Divers Hydraulic Oil Spill at the Falls of Clyde	 Honolulu Oahu		A hydraulic line ruptured releasing approximately 1/2 gallon of hydraulic oil into the ocean.	Line ruptured		Hydraulic Fluid Ocean	0.5 gallon Sheen
Ron Souza of HECO notified HEER at 10:20. Robert Kraft of American Divers notified HEER at 10:38. Coast Guard lead.								
970121-1155 1/21/97	Kawaihai Sheen Sighting on Big Island	Off the NW coast of the Big Island, Hawaii at Lapakahi Park in Kawaihae. Kawaihae Hawaii	Hawaii	A report came in to the NRC and was faxed to HEER for recording or response. Notification reported a sheen sighting of the Big Island of Hawaii at Kawaihae's Lapakahi Park. Sheen was 300ft x 50ft brown in color.	UNKN	None reported.	Oil Sheen Ocean water	300ft x 50ft sheen on surface of water Sheen
970122-1847 01/22/97	BHP Refinery BHP Refinery Air	91-325 Komohana Street Kapolei Oahu	96707	Starting up sulphur unit.		Notification for information only.	Air	
970123-0858 1/23/97	Overseas Ohio Crude Leak BHP Single Buoy Mooring	BHP Single Buoy Mooring Kapolei Oahu	96707	16 ounces of Alaska North Shore (ANS) Crude leaked from a crack above the water line in the #6 port cargo tank.		Removed Crude. Bill Nickson will send in the Agent's report.	Oil, Crude Ocean	16 ounces Sheen

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970123-1025	Chevron Refinery Sulfuric Acid Leak	91-480 Malakole Street			150 bbls leaked from a bleeder valve in the acid sewer system to the soil and groundwater (Ground water is at 4ft. there).	Leaking valve	At 8 pm 01/22/97 operators saw a discrepancy. At 2 am 01/23/97 the leak was located. Switched to a different pump system at that time. They pump groundwater into the process system. Will look for a drop in pH. This water is treated before use.	Sulfuric Acid	150 bbls
	Chevron Refinery	Kapolei	Oahu	96707				Groundwater	1000 lbs.
The bleeder valve was fixed and monitored for pH changes on the brine water intake to the acid plant. Acid sump level indicators were tied in to the refinery control system for monitoring done remotely. Forwarded file to Site Investigation.									
970124-0800	North Pacific Construction	65 North Nimitz Hwy		C&C HNL	Barge of scrap metals arriving the week of 1/27/97 at Barber's Point Deep Draft Harbor, processed in Kehai Industrial Park.	not given	None	scrap metals	barge of scrap metal
01/24/97		Honolulu	Oahu	96817				barge/water	
970124-0919	BHP Single Buoy Mooring				Noticed sheen on port side.				
	BHP Single Buoy Mooring	Honolulu	Oahu						
970124-1433	Pier 39 Trenching	Pier 39			Trenching for a drainline. Punctured an underground storage tank. Product is leaking into the trench.	Construction	Investigating.	Oil, tar and metal strapping	112 Tons of contaminated Soil
	HONOLULU HARBOR	Honolulu	Oahu					Soil	25 gallons
Forwarded to Remediation. File with Honolulu Harbor materials.									
970126-1135	Residential Propane Smell	98-1059 Palua Way		C&C HNL	Smell of propane in bedroom was reported. May be coming from neighbor's house at 98-1059 Palua Way.	UNKN	Oahu Gas was contacted and responding, closed valve on underground leak. Dave Morikawa rep from Oahu Gas. Fire responded.	Propane	UNKN
01/26/97		Aiea	Oahu					Air/ground	25 gallons

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970127-1305	Hickam Building 1496 UST Leak	1121 Aupaka St.			Found 500 gallon underground storage tank when digging up old parking lot. Holes in the bottom of the tank. Tank partially full of 70% product and 30 % water.		Tank pumped out by Fuel Oil Polishing Company. Product in tank sampled. Soil sampled. Eventually the parking lot will be repaved over the area of the UST.	Diesel Fuel	200 gallons
			Oahu	96853				Soil	25 gallons
970128-1500	Pearl Harbor, M/V Strong Texan Hydraulic Tank Leak	Pearl Harbor Naval Base Berth 4			Hydraulic tank developed a leak.	Leaking Tank	Leak was secured. Using absorbant pads to recover spilled material.	Hydraulic Fluid	2 gallons
01/28/97		Pearl Harbor	Oahu					Ocean	Sheen
Leak secured by RP. Coast Guard lead for oversight.									
970129-1303	Straub Hospital Hydraulic Fluid Leak				Oil leak from full reservoir.	Equipment Leak		Hydraulic Fluid	27 gallons
Around 01/08/97.		Honolulu	Oahu						25 gallons
970130-1350	Makalapa Elementary School Weathered Oil Material	4435 Salt Lake Boulevard		C&C HNL	The C&C HNL is excavating through the roadway on Salt Lake Blvd. and encountered petroleum contamination. Chevron was contacted and will be sampling for explosivity of the subsurface gases. Chevron is also conducting a removal of petroleum sheen from GW.	Encountered during excavation	C&C HNL will send HEER a map of the area where contamination was encountered once the project is completed. Weathered petroleum is an old Chevron oil spill from the pipeline.	Weathered petroleum material	UNKN
1/30/97		Honolulu	Oahu	96818				Soil	25 gallons
970131-0730	Surf Board Factory on North Shore	59306 Pupukea Road		C&C HNL	Anonymous caller reported Illegal dumping of resin and other chemical used in surf board manufacturing and decal making. Chemicals were being dumped out back on the ground. Blg surf board factory exists behind small shed where decals are made.	Illegal dumping	SOSC refered site to Hazardous Waste Branch for followup on release. Release if any was found not to be imminent and substantial.	Surf board resin and chemicals	UNKN
1/31/97		North Shore	Oahu					Soil	

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970131-1457	Chevron Asphalt Leak	91-480 Malakole Street		C&C HNL	Received a hazardous substance release written follow up notification on 3/4/97 concerning a release of asphalt to the soil beneath tank 180 located on the property. Chevron could not stop leak for 72 hous. However only a couple of cups were spilled.	Leak if floor plate	Stopped leak. In the process of removing tank as of 3/4/97. Will remove solidified asphalt when tank is removed and dispose of according to Federal Regulations.	asphalt	2 cups
01/31/97	Chevron Refinery	Kapolei	Oahu	96707				Soil	

Chevron responded. The HEER Office has no record of the initial verbal notification.

970202-0830	London Sprint./G.C.C.C. of London & Overseas Freighters Ltd.	On the Ocean at Lat/Long: 18.16N, 154/13 W			Oil spill drill notification from London Sprit/GCCC London & Overseas Freighters Ltd. docking in Barber's Point. Cargo is Boscan Crude Oil. Vessel will discharge part of cargo in Hawaii.	Response Drill	Drill: Vessel to discharge part of cargo at Barber's Point (100,000 Bbls.) in route: Bajo Grande Venezuela to Barber's Point	Crude Oil	51,807.25 metric tons
02/02/97			Oahu					Ocean/Barber's Point	sheen

No

970202-0921	Palailai Street Oil Dumping	95-582 Palailai St			Makakilo area. Someone is dumping oil. Its going into the storm drain.		Anonymous caller stated oil was being poured into the storm drain fronteing her residence. HEER recommended she call the police and freeze the scene. The woman claims the incident to have occurred earlier and she wasn't sure which agency to call.	Oil	
		Kapolei	Oahu	96707				Storm Drain	no

HEER received anonymous notification of fugitive oil duping into storm drain. Contracted PENCO to recover and cleanup oil. Approximately 5 gallons of waste oil was recovered. No obvious source could be located. [Note: ERRP Total = \$245.83 (PO#526111)].

970202-0928	Pier 52 Paint in Water	Pier 52			Spots of paint in water between Pier 52 and Pier 33. Crew is painting the Manukai at Pier 52.		Has called Matson and CG.	Paint	
		Honolulu	Oahu					Ocean	

Coast Guard lead.

970204-1907	Paint Spill on Kam Highway	Pulama Road/Kamehameha Highway		C&C HNL	Reported 30 gallons of oil based pain was spilled on Palama Road and Kam Highway.			Oil based paint	30 gallons
02/04/97		Kahaluu	Oahu					Asphalt	

HEER responded with PENCO contractors. An estimated 30 gallons of "Marine" paint was released onto the roadway then flowied into Kaneohe Bay. The affected area of water was boomed. Paint was recovered via Vac truck and sorbents. All recovered material was drummed and sent off for mainland disposal. ERRF Total = \$3,317.96 (PO#526106) + \$1,789.05 (PO#538869).

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970205-0000	Pearl City Wastewater Pump Station Sheen Discovery	Pearl City	Oahu		Oil sheen discovered on ponded water during the repair of a hole under the parking lot.		Contractor to pump contaminated water into pump station wet well.	Oil	
								Soil	Sheen
The HEER Office has no record of the initial verbal notification.									
970205-1547	Sause Brothers Fuel Oil Leak	Pier 19			A hose failed on the M/V Miki Miki while pumping out a fuel tank.		Release secured. Boom and absorbants used to recover spilled diesel.	Fuel Oil #2	5 gallons
		Honolulu	Oahu					Ocean	Sheen
The HEER Office has no record of the initial verbal notification.									
970205-1627	Naval Base Pearl Harbor Hydraulic Leak	Pier 3-B Naval Station Pearl Harbor			A hydraulic line on the USS Louisville broke during loading.	Ruptured hydraulic line	Leak secured. Boom and absorbants applied.	Hydraulic Fluid	0.5 pint to ocean
		Pearl Harbor	Oahu					Ocean	Sheen
The HEER Office has no record of the initial verbal notification. Although the National Response Center forwarded notification information. The amount released was environmentally insignificant and Navy cleaned up quickly.									
970207-0840	BHP Waste Water Treatment Plant	91-325 Komohana		C&C HNL	A leak occurred on or about 1/31/97 and not discovered until 2/3/97 at approximately 7:45 am. Estimated leakage of one half pound per one half hour over weekend.	Faulty valve	None	Benzene/VOC	28 lbs./72 lbs.
01/31/97		Kapolei	Oahu	96707				Air	
No									
970207-1646	Pearl City Towing	794 H Lehua Avenue		C&C HNL	Report to NRC stated an illegal dumping of auto fluids to the soil as part are taken from vehicles.	Careless auto part stripping	Awaiting additional information. Will refer site to HEER SDA section for further investigation.	auto fluids/petroleum substances/waste oils	not given
02/01/97	Pearl City Towing	Pearl City	Oahu	96782				Soil	25 gallons
The folder is with Liz awaiting more information.									
970207-1922	BHP Oil Spill at the Refinery Vacuum Distillation Unit	91-325 Komohana Street		C&C HNL	Follow up rpt stated aerosol of steam and heavy vacuum gas oil was released when pressure safety valve lifted.	problem in heat exchanger	Pressure safety valve was opened, equipment was sprayed and ground was soaked. System was shut down. not storm drain or outside of facility effected.	aerosol of steam and heavy vacuum gass oil	15 gallons
02/07/97	BHP Refinery Oil	Kapolei	Oahu	96707				soil/air	25 gallons

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970208-1010	Pacific Heights Road Sewage Spill	94-576 Awamol St. Honolulu Oahu		Not a main line. 10 gallons.		Cleaned, disinfected and deodorized.	Sewage	10 gallons
Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.								
970208-2009	Royal Kunia Sewage Spill	94-624 Kupuohi St Honolulu Oahu	C&C HNL	A report came into the DOH 24hr EDCL and was routed to HEER. Sewage spill.	UNKN	Cleaned, disinfected and deodorized.	Sewage	20 gallons
02/08/97								
Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.								
970208-2339	Awamol Street Sewage Spill	94-576 Awamol St. Oahu		Discharge from clean out. 25 gallons.	Grease	Cleaned, disinfected and deodorized.	Sewage	25 gallons
Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.								
970210-1605	Pearl Harbor Oil Spill	NAV STA Pearl Harbor FPOAP 96683-3021 Pearl Harbor Oahu	C&C HNL 9.67E+08	An oil, fuel: No. 2-D spill into Pearl occurred releasing about 1 pint to the water.	Operator error	Release was secured. Boom was deployed to contain. Absorbent pads were used to recover spilled material.	Oil Ocean/Harbor	1 pint sheen
02/10/97								
No								
970210-1700	Bag of Asbestos on the Side of the Street	Elliott Street and Nimitz Highway Honolulu Oahu	C&C HNL 96818	A bag of asbestos was found on the side of the road. Labels on boxes; buildings 1650, 1651 May 1966		P.W. Stephens hired for removal and disposal of contents: air cassettes, air filter samples. Contractors responsible for abatement job. Island Env. Inc.	Asbestos Roadway	1 bag (quantity not given)
02/10/97								
No								
970210-2357	Kenolilo Street Sewage Spill	 Keehi Maui		1000 gallons of sewage went into a plugged storm drain.	Grease Chunks	Cleaned, disinfected and deodorized.	Sewage Storm Drain	1000 gallons
970213-0342	P/V Sea Ninja Oil Sheen Release	1651 Ala Moana Blvd. Honolulu Oahu	C&C HNL	A report came into the NRC that the P/V Sea Ninja had released an oil sheen.	UNKN	None	Oil Sheen Ocean water	UNKN sheen
02/13/97								
No								

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<u>Rls Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970216-1428	Insecticide Smell			C&C HNL	An insecticide smell was reported to the DOH 24 hr. EDCL and was routed to HEER for recording or response purposes.			Odor	
02/16/97		Honolulu	Oahu					Air	
970217-0748	Poola Place Sewage Spill	5079 Poola Pl		C&C HNL	A sewage spill occured at 5079 Poola Place in Honolulu at 7:48 am. 5 gallons were released to the site. However, no storm drains were involved.		The release was contained on site. Also the area was cleaned, disinfected and deodorized.	Sewage on site	5 gallons
02/17/97		Honolulu	Oahu						
No									
970218-1126	Waianae Boat Harbor Oil Sheen	2155 Kalakaua Avenue		C&C HNL	A spill of oil occurred in the Waianae Small Boat Harbor that created a sheen. PRP-South Seas Aquatics. A report came into the NRC and was faxed to HEER for recording or response.	UNKN	Coast Guard sent to the scene.	Oil sheen	UNKN
02.18.97		Honolulu	Oahu					Ocean	
No									
970218-1413	Honolulu Generating Station	170 Ala Moana Boulevard			50 gallons of turbine oil to the sealed concrete floor. Release first reported to Mike around 11:00a.	Took valve off pump assembly and started pump.		Turbine Oil	50 Gallons
		Honolulu	Oahu	96817				Concrete	
970219-1600	Sun Terra Pesticide Smell	Geiger Road			Complainant described strong insecticide smell. Source unknown	neighbor spraying	staff recommended opening windows at home. Staff also requested complainant to talk to neighbors and inquire about pesticide usage	probable Malathion	unknown
		Ewa Beach	Oahu	96706				Air	
Complainant called back on 2/20/97. Neighbor has allegedly sprayed Malathion. Complainant has notified Dept of Ag - Pesticides (Melvin Tokuda)									
970219-1629	Kaukai Road Dumping	87-381 Kaukai Rd			HFD responded to open burning (toward the end of the road on the right). Noticed a lot of storage and possible illegal dumping.		Call David Santos 668-1706 for more information.	Soil	
			Oahu						

3/25/97 - OSW has been notified; Tess has it on their list of 3/97 inspections.

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
<u>RI's Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970220-1501	Pier 32 Diesel Spill	Pier 32 Honolulu Harbor		C&C HNL	Hydrotesting diesel line at Pier 32 had a weld leak.	weld leak	Contained the spill in a boom.	diesel	10-20 gallons
02/20/97	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen

NFAed but left open until followup report.

970220-1951	Pearl Harbor Waste Oil Sheen	Pier Y-3-A US Naval Station, USS Tucson		C&C HNL	Reported waste oil spill into Pearl Harbor from the USS Tuscon. About 1 pint was accidentally released during performance testing of drain pump.	Line left open	Spill response team deployed containment boom and absorbent pads, cleaned the release.	Waste Oil	1 pint
02/20/97		Pearl Harbor	Oahu					Ocean	Sheen

U.S. Navy completed cleanup. The amount released was environmentally insignificant and cleaned up quickly.

970222-2142	Papaya Road Clandestine Drug Lab	87-1025 Papaya Rd			Clandestine Drug Lab.		0.5 gallon of gasoline like material, yellow plastic empty container and a bag of PPE. OSC recycled gasoline and disposed of empty container and bag of PPE in trash. No acetone nor alcohol.	Gasoline	0.5 gallon
		Waianae	Oahu						

970224-0000	Hawaii Electric Light Company Inc.	1348 Kalaiana'ole Avenue		Hawaii	Bill requested additional information following a conversation with Mr. Donn Hashimoto regarding a non PCB transformer oil spill on the big island. High winds caused a tree to fall and break utility pole releasing dielectric fluid to property soil.	High winds caused tree to fall on lines breaking the utility pole at the base	HELCO investigated the site and had samples taken of the soil. They removed all visible signs of contamination and disposed of it at West Hawaii Sanitary Landfill after results indicated no detectable PCB levels in soil.	Dielectric Fluids non-PCB	20 gallons
02/24/97		Keaukaha	Hawaii	96721				Soil	25 gallons

Written followup indicated HELCO has cleaned up the spill appropriately. Amount spilled was under the reportable quantity for oils.

970225-0000	Sea Tiger	Pier 40		Honolulu					
	Honolulu Harbor	Honolulu	Oahu	96817					

Drums sampled by the EPA, HazCat by Penco and removed for proper disposal.

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970225-0730 02/25/97	Area 61 Housing behind the Youth Center HICKAM AFB	Area 61 Housing Hickam AFB behind the youth center		Honolulu	Tank was uncovered due to working area, THPs tank was an unknown tank. Hickam personnel did not know it was there but due to heavy rain the tank floated up during their ongoing remediation.	Tank tipped over due to floating up by heavy rain. Tank was almost empty.	A work crew scraped up stained soil, tank was taken away and soil samples were taken in area.	Diesel Fuel Soil	15 gallons released. ~25 gallons in tank sheen/25gal
970225-1425 2/25/97	Chevron Refinery; HECO Tank Farm	91-480 Malakole St. Kapolei		Honolulu 96707	Valve failed, spill onto the dirt. No environmental impact. Spill occurred at the HECO tank farm, just outside of the refinery fence line.	valve failed	Chevron has the crew clean up the spill; will report to LEPC after that. A written notification will follow up.	low sulfur fuel oil Soil	120 gal
Liz has copy of written report for review.									
970225-1505 02/25/97	NAVSUBBASE Pearl Harbor Small Boat House	Naval Submarine Base Honolulu			Residual spill after disconnecting hose after refueling.		Absorbent pads used, no sheen in water. National Response Center and the Coast Guard were notified.	Jet Fuel JP-5 Ocean	< 1 gallon Sheen
970226-1000 02/26/97	Vanterpool Residence on the Right side of house	91-1036 Palala Street Kapolei			Milky white liquid on ground giving off strange chemical odor. Complainant states its from the neighbor.	UNKN	None. Additional information about spill being an act of vengeance according to Mr. Vanterpool can be found on single report filed in February singles.	UNKN Soil/Air	UNKN
970227-0745 02/27/97	Unocal Honolulu Terminal	411 Pacific Street Honolulu		C&C HNL 96817	G-24-B tank had a 4" gasket failure at the flange connection	Foreign object left between flanges at installation	Allwaste of Hawaii Ltd. was called with a vacuum truck; pump is out of service; Coast Guard, National Response Center (NRC #378318) and LEPC notified.	Diesel Fuel #2 Asphalt	536 gallons yes

Liz has report for review.

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970227-1040 02/27/97	Brewer Ammonia Tank Truck Leak at Matson Lurline Sand Island			C&C HNL	Small leak of tank truck valve/open air - dissipating.	Leak	Faulty seal on pressure relief valve. Off loading tank trailer ASAP to Brewer's CIP facility to transfer ammonia in another tank. Ammonia delivered to AES Cogen.	Anhydrous Ammonia Air	UNKN
970227-1440 ongoing	Pearl City Towing Pearl City Towing	794 H Lehua Avenue Pearl City		C&C HNL 96782	Allegations of waste oil disposal.	alleged improper waste disposal		oil Stream	unknown Sheen
See attached report; awaiting one more document before forwarding to the ISST.									
970228-1310	Paheehee Place Clandestine Lab	86-516 Paheehee Pl Walanae	Oahu		DEA reports that chemicals from an illegal methamphetamine lab were contaminating rooms and the yard.	Clandestine Lab	Discolored soils, dead grass, oily residue at cesspool opening and stained tiles was observed.	Soil	
Recommended to owner that 1) have the cesspool pumped, 2) have soil tested for contaminants to be specified by the DEA and 3) replace stained tiles. File forwarded to ISST.									
970228-1458 02/12/97	Pohakuloa Training Area	Ammunition Supply Point Pohakuloa Training Area	Hawaii		40 gallons of diesel fuel spilled into the soil.	Operator error	Spill remediated by Army SOP visible plus 2 feet below.	Diesel Fuel Soil	40 gallons 25 gallons
A written followup report came into HEER on 04/08/97 describing proper cleanup measures taken. Tricia NFAed this site on 04/17/97.									
970228-1527 02/28/97	Oil, Fuel Release to Honolulu Harbor Honolulu Harbor	Pier 17 Honolulu Harbor Honolulu	Oahu	C&C HNL 96813	5 gallons of oil, fuel spilled into Honolulu Harbor.	UNKN	UNKN source and cause is being investigated. Absorbents were used for cleanup.	Oil, Fuel No. 2D Ocean/Harbor	5 gallons Sheen
970228-1648	USS Helena Oil Spill	Pier Y3 Pearl Harbor	Oahu		Spilled less than a gallon of sea water used to flush bilge pump line. Caused a grey discoloration in ocean 2x3 feet. Did not cause a sheen.	Hose not entirely on pier.		Bilge Water Océan	1 quart Sheen

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<u>Rls Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970301-1010	Convention Center White Liquid Emptying Into Ala Wai	Ala Wai Canal		C&C HNL	A milky white liquid was observed emptying into the Ala Wai.		Observed substance in Ala Wai; milky white, caulk substance was on the ground and fresh stuck on wall. No residue on the Ala Wai sides from bridge to bridge. Access to Convention Center closed.	UNKN white liquid	
03/01/97		Honolulu	Oahu	96814				Canal/Ocean	
Coast Guard lead.									
970301-1507	Sulfur Dioxide Machine Malfunctioned	not given		C&C HNL	Sulfur dioxide machine malfunction.		Not given	sulfur dioxide	
03/01/97	BHP Refinery Air	not given	Oahu					Air	
970301-1514	BHP Refinery	91-325 Komohana St		C&C HNL	SRU #3 down @ 08:15, fed re-routed to flare sour water. Fed stopped.	rerouting	Because SRU#2 is down also, fed was rerouted to flare, and sour water fed stopped restarted SRU#3 @ 22:10	SO2	UNKN
03/01/97	BHP Refinery Air	Kapolei	Oahu	96707				Air	
970304-0720	Nuuanu Sewage Spill	2350 Nuuanu Avenue		C&C HNL	The HEER Office received a sewage spill report from Sheldon of C&C Wastewater. 20 gallons were spilled at 2350 Nuuanu Ave.	Grease	Cleaned, disinfected and deodorized.	Raw Sewage	20 gallons
03/03/97		Honolulu	Oahu					not given	
Wastewater cleaned, disinfected and deodorized.									
970304-0833	Kalaloa Street Water Reactive Chemical	99-031 Kalaloa		C&C HNL	Something in the bed on the truck reacts with rain water causing complainant to become ill. There is no odor.	UNKN	Investigated vehicle, no hazardous materials. Household items were wet with musty odor. Vehicle abandoned Dodge Ram Lic.#HHU326.	UNKN	UNKN
03/04/97		Honolulu	Oahu	96701				Air	
970304-0835	Pearl Harbor Small Oil Spill	Yankee-3 Bravo Pier Pearl Harbor		C&C HNL	Approximately one cup of oil was released into Pearl Harbor at Yankee 3 Bravo Pier. Spill was absorbed by personnel at the scene.	Hydraulic line on crane break under investigation	Spill was absorbed.	oil	1 cup
03/04/97		Honolulu	Oahu					Ocean	Sheen

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<u>RIs Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970305-1951	HY PAC Storage H-100	2150 North Nimitz Hwy.		C&C HNL	Storage location of chemicals used to manufacture meth. Search Warrant served, cleaning out storage unit. Also received rpt. from DOH 24hr EDCL. Capt. Yuen/HPD reported clan lab clean up (his # = 847-3055)	Illegal drug manufactor	Removed 1 contained (1gallon) of acetone and 3 bags of solid waste.	Acetone, denatured alcohol, MAPP gas (cylinder)	not given
03/05/97		Honolulu	Oahu	96819				NA	
No									
970306-0955	Sinking commercial vessel	off Halealono Harbor			Sinking commercial vessel in front of Halealono Harbor.		rescued people on the vessel and pumped out contents; Molokai Ranch assisting with oversight by the Coast Guard	Fuel	unknown
03/06/97		Molokai	Molokai					Ocean	
970306-1550	Ishi #35 Fuel Spill	Pier 33			Back pressure during filling pushed some product onto the deck which leaked into the ocean through the scupper seals.			Fuel	Less than 1 cup
03/06/97		Honolulu	Oahu					Ocean	Sheen
Dissapated. Coast Guard lead.									
970306-1555	Tar Balls	length of Kailua Beach Park - Kalama Beach, Kailuaana Brow Beach		Honolulu	Fresh tar balls reported washing up on shore.	unknown	Coast Guard assessed the situation on 3/6/97 and notified the HEER Office; T. Corpus, L. Galvez went with CG Petty Officer Dentry on 3/7/97 and walked the beach to assess if fresh tar balls have washed ashore. Cpllected most of tar balls (dime sized)	Fuel	
03/06 - 07/97		Kailua	Oahu					Other	
Not an imminent and substantial situation.									
970306-1625	Syringes, Used	222 South Vineyard fronting Royal Queen Emma Bldg.			Used syringes reported on the road.	unknown	Arrived on scene at approximately 1704. L. Galvez requested HPD Officer in HPD 227 to assist with the traffic while Galvez picked up the syringes.	Asphalt	
		Honolulu	Oahu						

Syringes/needles were picked up to be properly disposed.

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970307-0912	BHP Exercise	Kauahi St at Komohana St			120-150 bbls of petroleum spilled.			Petroleum Hydrocarbon	120-150 bbls
		Kapolei	Oahu	96707					25 gallons
970307-0942	New City Center Carbon Monoxide Release	Dillingham Blvd at Kapalama Stream, Ewa Makai Corner			Carbon Monoxide release reported. Office evacuated. A couple of internal combustion engines (maybe generators) were being used indoors for construction. Fumes were affecting occupants in the remodelled half of the building.		Moved generators outdoors. Ventilated building.	Carbon Monoxide	
			Oahu	96817				Air	
No									
970307-1116	Hickam AFB Leak to Fuel Pit Near Building 228	Near Building 228		Honolulu	Pipeline leaked into a fuel pit near Building 228. Most of the 2000 gallon JP8 spill was contained in the cement pit but some seeped into the soil and a nearby storm drain. The storm drain is dry.		Pumping out the fuel. Evacuating the line. Over excavating the soil. Absorbants used in storm drain and booms placed.	Jet Fuel JP-8	200 gallons
03/07/97		Honolulu	Oahu	96853				Storm Drain	25 gallons
970307-1521	Hickam Pipeline Leak	2422 Challenger Lp		Honolulu	Less than 50 gallons of JP8.	Leaking pipeline.	Drained line. Excavating. Boomed storm drain.	Jet Fuel JP-8	< 50 gallons
03/07/97		Honolulu	Oahu	96853				Soil	25 gallons
970307-1540	Meadow Gold Ice Cream Plant Fuel Oil Spill	1418 Young St			No. 6 Fuel Oil (CAS 68553004) was released during boiler repair work. Found some product yesterday at 5:00 and discovered stained soil today upon excavating to 10 or 12 feet. Estimate 500 gallons was released.	Leaking tank.	Contacted Brewer Environmental Consultants.	Fuel Oil #6	500 gallons
		Honolulu	Oahu	96814				Soil	25 gallons
ISST has ranked site.									
970310-0818	Illegal oil disposal	Laumaile Street			Man allegedly towing parked cars, bringing it in a residential area and; oil observed draining onto street		Advised reporter to provide more information.	Motor Oil	
		Honolulu	Oahu					Soil	

3/25/97 - anonymous caller has not called back to provide more information - L. Galvez

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970311-0630	Tar Balls	Punaluu Valley Road			Globs of oil on the beach.	unknown	NRC Incident Report # 379769; Coast Guard assessed the situation.	Fuel	unknown
03-11-97		Hauula	Oahu	96717				Ocean	

NRC Incident Report # 379769; not an imminent and substantial endangerment to human health and the environment.

970312-1700	FISC Fuel Spill at Mike Dock Naval Station Pearl Harbor	Mike Dock Naval Station Pearl Harbor, Fleet Industrial Supply C, P.O. 300		Honolulu	300 gallons of oil fuel No. 2-D spilled into the water at Pearl Harbor	3 inch pipeline developed a leak	Leak was secured and Hazmat team was called on to the scene.	Diesel Fuel #2	300 gallons
03/12/97	Pearl Harbor	Pearl City	Oahu	96818				Ocean	sheen

Recieved report from the 24 hour EDCL on 03/19/97 as reported by Lt. CMDR Binder/Navy 577-2749 (pager), 477-6009 (business). Recieved HEER Office Initial Release Notification Form from Terry Corpus with the determination to NFA the Site. However an official notification requiring written followup is still required.

970312-2021	Schofield Quarter Sewage Spill				Sewage spill into storm drain.			Sewage	
		Schofield	Oahu					Storm Drain	

970313-1216	NCTAMS EASTPAC Tank Removal	Building 321			TPH discovered in samples from below 1,000 gallon removed tank in August 1996. Resampling by Brewer in November 1996 showed ND.	Over fill?	Resampling done; results are non-detects. Closure report will be available.	Diesel Fuel	Staining
	NCTAMS EASTPAC	Wahiawa	Oahu					Soil	72 hours

Forwarded to ISST.

970313-1500	Aloha Cargo's Tug Jean Dunlap Fuel Spill at Pier 2	Pier 2 Honolulu Harbor			While fueling the Tug Jean Dunlap/over filled tank/0.5 gal. went in harbor.	Over fill operator error	Secured pumping, fuel OPS and booms were deployed prior to fueling, remaining fuel was cleaned up with sorbents.	Diesel Fuel #2	0.5 gallons
03/13/97	Honolulu Harbor	Honolulu	Oahu	96817				Ocean/Harbor	Sheen

USCG assumed the Lead Response Agency. The spill was cleaned. HEER notified but response was not needed.

970313-1500	HECO Pearl City Peninsula Landfill Transformer Oil Release				50 gallons of Shell Diala AX mineral oil was released onto the ground by vandels attempting to recover copper for recyclable materials.	Theft	Clean up was completed on May 1, 1997 by HECO's transformer oil spill clean up contractor.	Mineral Oil	50 Gallons
	HECO Transformers	Pearl City	Oahu					Soil	25 gallons

Written followup indicated HECO has cleaned up the spill.

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<u>RIs Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970313-1510	Hickam AFB JP-8 Fuel Spill	Hickam AFB Pearl Harbor			512 gallons Jet fuel JP8 was leaked after equipment failure at Hickam AFB.	Equipment Failure	Pressure test failed. Air Force trying to locate the release. No release occurred.	Jet Fuel JP-8	512 gallons
03/13/97	Pearl Harbor	Pearl City	Oahu						25 gallons
970313-1857	BHP Refinery Tank Farm Naphtha Spill from Tank 510	91-325 Komohana St			An estimated 260 barrels of oil was spilled at the BHP Refinery Tank Farm. Wrong valve opened to drain water from the tank's roof caused oil to be released from tank.	Operator error	Closed valve, picked up product.	Naphtha	260 barrels
03/13/97	BHP Refinery Oil	Kapolei	Oahu	96707				Soil	25 gallons
Awaiting sampling results; 135 foot by 135 foot area to be sampled.									
970314-1400	BHP Gas Co. Hana Propane Storage Tank Facility	Hana Hwy		Maul	4000 gallons of propane released to the air from their tank system with a 6000 gallon capacity.	Pipe inside a cylinder filling shed ruptured.	Maul Hazmat team responded vis helicopter-isolated facility and nearby school. Nearby school was evacuated and road was closed. Hazmat team closed valve and cloud dissipated. Notified SERC.	Propane	4000 gallons
03/14/97	BHP	Hana	Maul	96713				Air	
Maul FD to followup with a written report. Suspect aged /faulty equipment was the cause.									
970315-0950	USCGC Midgett Vessel	FISC Pier, NAVBASE		Honolulu	15 gallons of Jet fuel JP-5 (heavy kerosene) released from the vessel USCGC Midgett. Two gallons went into the water from a 10" unrep hose on the deck of the vessel	The fuel was released due to a valve misalignment on the hose.	Boom was in place. Material breached to boom due to improper boom installation. The material was cleaned up using absorbent pads. Appropriate notifications were made. Most of material contained within boom.	Jet Fuel JP-8	15 gallons
03/15/97		Honolulu	Oahu					Ocean	sheen
Awaiting written report.									
970315-1601	UNISYN Truck Splashing Red Liquid	Highway from Koko Marina to Waimanalo		Honolulu	Caller reported to the DOH 24 hr EDCL and report was routed to HEER for recording. A UNISYN truck license #424TNP from Kokomarina (Hawaii Kai) to Waimanalo was splashing red liquid from vehicle onto roadway.	Truck spilling as it traveled down the road		unknown red liquid	not given
03/15/97		Honolulu	Oahu					Asphalt	

Liquid was process wastewater

<u>Case No.</u> <u>RIs Date</u>	<u>Site Name</u> <u>Location</u>	<u>Street Address</u> <u>City</u> <u>Island</u>		<u>County</u> <u>ZIP</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u> <u>Media</u>	<u>Quantity</u> <u>RQ</u>
970315-1738	Kuloo Road Sewage Spill	294 Kuloo Rd			Sewage spill.	Pipe broken loose.	Cleaned, disinfected, deodorized.	Sewage	3 gallon
			Oahu						
970315-1828	Gas-Like Odor				Gas company claims no evidence of gas. Family gets headaches from the smell.			Air	
970315-2037	Strong Chemical or Fertilizer Smell				At dark, noticed strong fertilizer or chemical smell. Caller phoned gas company.			Air	
970317-0327	Ohu Street Sewage Spill	1619 Ohu Street, Kalihi Valley		Honolulu	Sewage spill report to 24 Hour EDCL and was routed to HEER for recording. A 160 gals released.	Grease	Cleaned, disinfected, deodorized	Sewage	160 gallons
03/17/97		Kalihi	Oahu		sewage was spilled and 150 gals. was discharged from cleanup into Kalihi Stream			Stream	
Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.									
970318-1015	Akamai Street Cooking Gas Odor	1405 Akamai St			Cooking gas odor reported by residents intermittently for a year, stronger when it rains.		On 5/13/97, SUMMA and Tedlar Bag samples were drawn by the HEER OSC from the corner of the storm drain. The results indicated propane.	Propane	
		Honolulu	Oahu					Air	100 Pounds
Referred to Gasco.									
970318-1248	Oil around Piers 29 and 30	Piers 29 and 30		Honolulu	Black globs of oil seeping from demolition area near Piers 29 and 30 rising to the waters surface.	UNKN but occurs after each heavy rain	None. referred to USCG for followup.	Oil	UNKN
03/18/97	Honolulu Harbor	Honolulu	Oahu	96817	According to Rich, this always occurs after heavy rains.			ocean	sheen

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
<u>Rls Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970319-1033	Haleiwa Beach Medicine Bottle	Haleiwa Beach Shoreline		Honolulu	While walking along the shoreline, caller found an empty medicine bottle the type syringes are pushed through the top to fill w/medicine. Stuck in the top was plastic piece used for implants.	Discarded medical waste	None. Instructed caller to dicard bottle in trash, and should he find additional medical waste debri on shore again to call OSC immediately.	medical waste	one
03/19/97		Haleiwa Beach	Oahu					Ocean/beach shore line	
970320-1005	USCG Sand Island Boathouse Pier Replacement Project	USCG Base Sand Island		Honolulu	Hydraulic Oil Spill (1 qt.)	machinery line break	Approx 1 quart hydraulic oil spilled from a line into the water at the USCG Boathouse pier reconstruction project. The oil was contained within sheet pile slurry walls. USCG Contractors responded, absorbed/cleaned the spill, disposed of sorbents properly.	Hydraulic oil	approximately 1 quart
3/20/97		Honolulu	Oahu					Ocean	Sheen
USCG contractor spilled approx. 1 qt hydraulic oil into water at Sand Island boathouse slip. Line ruptue. Spill contained within reconstruction project sheet pile. USCG/contractor cleaned and disposed of properly. Notified CWB (permitted ops)									
970320-1317	Kahalui Trucking Fuel Oil #6 Overfill	140 Hobron Ave			Spill occurred at fuel oil loading station at Unocal #6 fuel oil storage tank.	Overfill	1500 gallons of oil was recovered by vac truck. Bagasse and rags used to soak up some of remaining oil. Seven 55 gallon drums of oil contaminated soil were collected. Oily bagasse will be burned in HC&S boilers.	Fuel Oil #6	1700 gallons
03/21/97		Kahalui	Maui					Asphalt/Cement	25 gallons
970320-1343	Petroleum Contamination of Drainage Canal	Elliot & Aokea Place		Honolulu	Discovered petroleum odors while removing vegetation, caused sheening, no globs of oils.	Unknown	Boomed area, working around	petroleum	Unknown
03/20/97	Honolulu International Airport	Honolulu	Oahu	96818					Water and Vegetation

No

<u>Case No.</u> <u>RIs Date</u>	<u>Site Name</u> <u>Location</u>	<u>Street Address</u> <u>City</u>	<u>Island</u>	<u>County</u> <u>ZIP</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u> <u>Media</u>	<u>Quantity</u> <u>RQ</u>
970320-1609 3/20/97	Hickam AFB/Manawai Canal Honolulu International Airport	 Honolulu	 Oahu	Honolulu	While the contractor was dredging the canal; a release of petroleum hydrocarbon occurred. Boom deployed, spill area about 20 ft. (Manawai Canal next to Roger St.)		USAF, Sgt. Dye will file response report to USCG and HEER.	petroleum hydrocarbon water	<5 gal.

Forwarded to Air Force RPM. This case merges with #970320-1343.

970321-1937	BHP Statistically Significant SO2 Release BHP Air	91-325 Komohana Street Kapolei	 Oahu	96707	Statistically Significant SO2 Release above levels specified by CR-ERN #294308.	Start Up of Distillate Hydrocracker	Start up of the DHC is normally an infrequent event.	Sulfur Dioxide Air	18,368 pounds
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No initial verbal notification - continuous release exemption.

970323-1030 03/23/97	Hawaii Commercial & Sugar Company Pala Sugar Mill	497 Baldwin Avenue Pala	 Maul	96784	Release occurred at the fuel oil heater station. Oil sprayed onto facility piping, equipment & around the heater station. Oil leaked via drainage ditch into process wastewater reservoir #28 makai of mill.	Broken 3/8" diameter fitting on fuel oil sensing line	Shut down boiler and secured flow of fuel oil, stopped leak. Placed absorbent booms into process wastewater ditch to capture oil. Cleaned up surfaces and equipment with absorbent pads and bagasse. Removed oil.	Fuel Oil #6 soil, pavement, drainage ditch	50 gallons 25 gallons
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Received a written followup report of the incident on 4/1/97 from the Hawaiian Commercial and Sugar Company. Cleanup completed by the Responsible Party.

970323-1440 03/23/97	S/V Kulu Manu, Waikiki Beach	Offshore kalakaua Ave. (Behind HPD Substation) Waikiki	 OAHU	Honolulu	30ft. Sailboat grounded on reef Waikiki bch., 12-15 gals. diesel released, sheen and odors, USCG responded	Vessel broke away from anchorage	USCG pollution investigators responded to the Kulu Manu which was up on a reef approx. 100yds offshore Waikiki Beach, fronting the Hyatt Regency Hotel. Investigators sighted the vessel breaking up, a rainbow sheen (ribbons) was dispersing in the waves.	Diesel Fuel ocean	12-15 gals yes (SHEEN)
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30ft. Sailboat KULU MANU grounded off Waikiki Beach, Approx. 12-15 gals. Diesel released, USCG responded and assumed lead. Sheen and odors present for 48hrs+, Booming not feasible, Sheen dissipated with on-scene weather conditions. Vessel's hull and pieces recovered and hauled to landfill via C&C Road Maint. Div.

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970324-0912	BHP Refinery	91-325 Komohana Street	Honolulu		Co-generation unit - waterpump failure released nitrogen dioxide.	waterpump failure	During the May shutdown the pump will be tied into the shutdown logic so that it can be used more readily and hopefully avoid a future exceedance of the two hour average limit.	Nitrogen Dioxide	59 pounds
03/22/97	BHP Refinery Air	Kapolei	Oahu	96707				Air	10 lbs

Received a written report from BHP dated 3/27/97. Tricia Nagatani made the determination to NFA the site. Fixed water pump.

970324-1200	Grace Pacific UST Removal	99-1300 Halawa Valley St			TPH discovered upon removal of exempt underground storage tanks.	Leaking Underground Storage Tanks		Diesel Fuel Bunker	
		Aiea	Oahu	96701				Soil	

Received a written followup report of the incident from Grace Pacific Trucking. Cleanup completed by the Responsible Party.

970325-0810	HECO Storage Area (Next to old wastewater treatment ponds)	475 Kamehameha Highway	Honolulu		Rain ran off the HECO power plant and created a sheen in Pearl Harbor. Source of oil is from an area where old transformers are stored.	Rain fall runoff	Boomed off the stream and out fall into the harbor area.	Oil, Waste	UNKN
03/25/97	HECO Transformers	Pearl City	Oahu	96782				Soil/Water Pearl Harbor	Sheen

Received HEER Office Initial Release Notification Form from Terry Corpus with the determination to NFA the site. However an official notification requiring written followup is still required.

970327-1009	Aliamanu Military Reservation	1850-C Allamanu Drive			Since Nov 1996, Segali Contractors has been hired by the US Army Corps of Engineers to remove air-conditioners. Freon containers with oil were being drained into 2x55 gallon drums; oil has been spilling - and because of the rains, there is a visible sheen	careless practices	absorbent pads and to dispose of drums	freon with oil	less than a quart
unknown		Honolulu	Oahu	96818				Asphalt	No

Forwarded to REM DOD. File with REM Facilitator.

970327-1400	Aowena Street Drums	421 Aowena St			Allegations of opened 10 x 5 gallon drums of acetone and MEK.		See Report.	Acetone and Methy ethyl ketone	unk
03/27/97		Honolulu	Oahu	96819				Air	

There is no imminent and substantial endangerment. Tony Castleforte Aviation, formerly Professional Management Services, conducted an airplane painting co. at said location. Co. has vacated since Sept. 1996 with Airports Div (Barry Fukunaga) knowledge. There were no abandoned drums or release observed. Residual odors were faint. SOSC directed occupants provide ventilation and remove paint materials from storage closet space.

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
<u>RI's Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970327-1500	Hinalani Road Abandoned Drums	1 mile up Hinalani Rd, approx 50 yds off the rd. (behind Kaloko Industrial); west side of beige 100,000+ gal water tank			2 x 55 gallon drums (blue and rusty- grey color); 3/4 full, abandoned	apparent abandoned drums		appears to be waste oil	2 x 55 gallon drums
		Kona	Hawaii					Soil	

As of 3/27, drums are leaking a little bit; awaiting final disposition pending the budget situation.

970328-1137	North Pacific Construction, Inc (NPC) Scrap Metal	Kenai Industrial Park		C&C HNL	Report says illegal processing was suspected in the Barber's Point Area at the Kenai Industrial Park.				
03/28/97		Kapolei	Oahu						

SHWB lead.

970328-1254	Texaco Barbers Point Bulk Sales Terminal	91-119 Hanua St		Honolulu	A petro release had occurred at the Texaco Plant. Petroleum discovered while excavating for construction.		Line tightness testing in process. Removal of accessible contaminated soil. Preliminary Soil investigation. Soil stockpile is bermed and covered. Hole is backfilled. Possible release to nonpotable groundwater.	Petroleum	
03/28/97		Kapolei	Oahu	96707				Nonpotable Groundwater	

Duncan Walker and Assoc. submitted a followup report. Over excavated less than a half yard of soil and disposed of properly. Environmentally insignificant amount, below a reportable quantity.

970328-2003	St. Louis Drive Sewage Spill	2425 St. Louis Dr		Honolulu	Sewage spill at St. Louis Drive.		Cleaned, disinfected and deodorized.	Sewage	40 gallons
03/28/97		Honolulu	Oahu						

Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.

970328-2004	Allencastre Sewage Spill	1439 Allencastre St		Honolulu	Sewage spill in St. Louis Heights.	Roots	Posted signs.	Sewage	350 gallons
03/28/97		Honolulu	Oahu	96814				Stream	

Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
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970330-2042	North Hotel Street Sewage Spill	175 North Hotel St		Honolulu	Sewage spill of 2000 gallons of which 50 gallons entered the Nuuanu Stream	Grease	Cleaned, disinfected and deodorized.	Sewage	2000 gallons/50 gallons into stream
03/30/97		Honolulu	Oahu					Stream	
Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area. Recovered grease as feasible via vac truck.									
970331-1858	Used Syringes on Keeaumoku Street	1432 Keeaumoku Street		Honolulu	HPD Officer Pasqual reported finding 200+ used syringes scattered on sidewalk at 1432 Keeaumoku St.	Fugitive disgarding of used medical wastes.	Paged OSC Bill Perry who advised. Contacted Teal Cross of PENCO who dispatched personnel to the scene for cleanup.	Used Syringes	200+
03/31/97		Honolulu	Oahu					Concrete	
Infectious waste recovered via PENCO. Several boxes of 1cc syringes, blood soiled cloth, gauze pads, etc. appeared to have fallen from a vehicle onto the roadway. Recovered materials were autoclaved then incinerated by NCNS Company.									
970331-1907	Aloha Tower Sewage Spill	Aloha Tower			Raw sewage bubbling to surface. ATM management notified but nothing done. Getting worse.		Referred to C&C Sewer Main Trouble Line.	Sewage	
		Honolulu	Oahu					Concrete	
Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.									
970401-0944	U.S. Coast Guard Station Boat House Sand Island	Sand Island Parkway		Honolulu	Pile driver hydraulic line broke, releasing oil into harbor.	Pile driver broke hydraulic oil line.	Spill was contained in a boom. Sand Wan Construction hired a contractor hired to cleanup spill.	Hydraulic Fluid	an estimated 2 quarts
04/01/97		Honolulu	Oahu	96819				Ocean water	sheen
Received HEER Office Initial Release Notification Form from Terry Corpus with the determination to NFA the site. However an Official Notification requiring written followup is still required.									
970401-1028	Paia Sugar Mill/Power Plant Hawaii Commercial Sugar Field	212 Paia		Maul	Found an abandon 55 gallons drum in the growing field #212.	Abandoned drum	Hazcat contents and transferred to new container.		NA
04/01/97		Paia	Maul					Soil	
Received HEER Office Initial Release Notification Form from Terry Corpus who determined NFA for the site.									
970402-1314	Aloha Petroleum, New UST location	85010 Farrington Highway		Honolulu	While excavating an area to install a new UST, gasoline contamination was discovered.	Discovered contamination while searching for new UST sites	Sampled soil, notified LUST section. Terry Corpus refered site to the LUST for followup.	Gasoline	UNKN
UNKN		Makaha	Oahu	96792				Soil	25 gallons
Terry Corpus refered site to the LUST for followup.									

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<u>RI's Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>			<u>Media</u>	<u>RQ</u>

970403-0000	Grace Pacific Corporation	99-1300 Halawa Valley St	Honolulu	Three USTs were removed from ground at Grace Pacific Corporation. One contained solid bunker oil and surrounding soil was suspected to be contaminated.	Suspected USTs leaked	Samples were taken from excavation pits indicating TPH present in range of 354 ppm to 40,000 ppm. Overexcavation will be performed to remove contaminated soils.	Bunker Oil	UNKN
03/24/97		Aiea	Oahu	96701			Soil	25 gallons

Received a written followup report from EnviroServices & Training Center. verbal notification completed to Bill Perry on March 28, 1997. In conjunction and refemce CS# 970324-1200. Cleanup completed by Responsible Party

970403-0930	Church of Latter Day Saints/Hawaii Bitumuls	TMK 3-2-1-14:30 Laehala Street	Hawaii	Purchased property to build chapel; however, now selling property and recently found approximately 35-55 gallon drums abandon on property. Most were empty, few had paint residue and water and a few had waste oil.	Abandoned drums	Property owner will hire contractors to clean up property and remove drums.	UNKN	35 - 55 gallons drums
04/03/97	Laehala Street	Hilo	Hawaii	96720			Soil	

See also 970424-1528.

970403-1040	Puunene Power Plant Hawaii Commercial & Sugar Company	Hansen Road	Mau	Released 200 gals Bunker C Fuel Oil #6 to the mill water ditch at the Puunene Power Plant. Release occured during installation of new oil burners.	Equipment malfunction during installation	Secured oil flow until problem was diagnosed and corrected. Used oil absorbent booms in millwater ditches. Removed clumps of oil and boiler ash and disposed of properly by HC&S staff.	Bunker C Fuel Oil #6	200 gallons
04/04/97		Puunene	Maui	96784			Mill water ditches	sheen

Received written followup report stating they reported incident to Liz Galvez on 4/3/97. Entered data based on written followup notification - TN.

970404-1859	Kahana Beached Whale			Whale beached at Kahana.		Referred to Marine Patrol 538-5600 Malani Sheriffs Office.		
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<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
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970406-1232	Barber's Point, Overseas Chicago vessel, single point mooring	Single Point Mooring at Barber's Point.		Honolulu	Overseas Chicage vessel moored at Barber's point in a single point mooring was off loading crude when bubbles of oil were observed coming from starboard tank #6. Divers later discovered 3" crack, 40' down from the deck and 12' back of the bulkhead	Crack In vessel	Continued lightening vessel's load until crack was above water and the oil inside of the tank was below the leaking crack line. USCG to inspect vessel.	Alaskan Northern Slope Crude Oil	UNKN believed to be less than 1 pint
04/06/97		Honolulu	Oahu					Ocean	sheen

Received written notification followup from Transmarine Navigation Corp.

970407-1619	Pioneer Hi-Bred International Inc. Lime Release	Vicinity Weliwell Road. and Hapa Road.		Kauai	Received Hazmat Incident Rpt. from CAB Kauai reporting the Kauai Police Dept. via Koloa Fire Station (responded) were notified of a release of a white powdery substance, possibly agriculture lime on Weliwell Rd.	Fugitive spilling and abandonment in vicinity of Weliwell Rd. - Hapa Rd.	Notified CAB Kauai, KPD Dispatch, & HEER. KFD tested powder, strong base, rinsed down to shoulder of road. Dilution to render substance harmless.	White Powder (ag line)	25 pounds
04/07/97		Lihue	Kauai	96766				Asphalt	

Kauai CAB reported the Responsible Party was Pioneer Hi-Bred International Inc. P.O. Box 8 Kekaha, Hawaii 96752, 337-1417, contact - Scott Bloemke, Field Supervisor

970408-1424	Schofield Barracks, Building #1087, Bulk Fuel Field Yard	Scholfield Barracks Building #1087, Bulk fuel field yard. McMahon & Carpenter (closest cross street)		Honolulu	Diesel spill as a result of overfill to above ground tank in vault. Drain valve open, as such, diesel spilled out of containment. Taken from HEER IRNF staff Terry Corpus.	Tank overfill accidentally spilling to the ground	Army staff contained and cleaned up the spill then hired a contractor to remove the contaminated soils.	Diesel Fuel #2	300 gallons of which 50 gallons went on th
04/08/97		Wahiawa	Oahu	96786				Soil	25 gallons

Forwarded to REM DOD. File with REM Facilitator.

970411-1331	BHP Hawaii Terminals Pipeline Puncture	739 North Nimitz Highway		Honolulu	Contractor accidentally punctured an unmarked underground pipeline releasing its contents.	Accidental puncture of pipeline	Flow stopped by Chevron by turning valve off. Contaminated soils excavated in place on plastic.	Black Oil	est. 1000 gals
04/11/97	BHP Pipeline	Honolulu	Oahu	96817				Soil	25 gallons

Based on the letter dated 05/09/97, recommend NFA. All contaminated soil removed and disposed of properly.

970411-1530	Kanaha Pond Oil Release	Hana Hwy			Oil release from drain from under road from an Industrial area.		Adsorbants on spill. Will check drain on trip to Maui.	Oil	5' x 5' area
		Kahului	Maul					Water	Sheen

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970412-1052	Kewalo Basin Oil Sheen Spotting	Honolulu	Oahu		Oil sheen spotted in Kewalo Basin. Already dispatched. USCG Notified.		USCG notified.	Oil Ocean	Sheen
970412-1221 04/12/97	Summer Place Sewage Spill	6117B Summer Pl	Oahu		12 gallons of sewage spilled. 2 gallons went into the storm drain.		Cleaned, disinfected and deodorized.	Sewage Storm Drain	12 gallons
970412-1344	Pier 37 Paint in Water	Pier 37 Honolulu	Oahu		Paint is dripping into the ocean from someone painting their boat.			Paint Ocean	
Coast Guard lead.									
970412-1448	Kewalo Basin Kona Queen Leaking Diesel	Kewalo Basin Honolulu	Oahu		Kona Queen Leaking Diesel. USCG notified, Harbor Patrol on scene.			Diesel Fuel Ocean	Sheen
970412-2041 04/12/97	Pier 7	Honolulu Harbor Pier 7 Honolulu	Oahu	Honolulu 96813	White milky substance in water. No odor.	UNKN	HAZMAT took sample. USCG hired PENCO to analyze; results negative.	UNKN Ocean	UNKN
Received HEER Office Initial Release Notification Form from Terry Corpus NFAing the site.									
970415-1400	Puuloa Holder Station Dumping	833 Puuloa St Honolulu	Oahu		7 drums, 1 leaking, abandoned on State land. Facility on Navy property is downslope-no waterway.		RCI Environmental contacted by HEER. Phase 1-mitigate, hazcat, sample and move to storage. Phase 2-dispose of pending analysis.	Soil	
Mike has folder; awaiting further information.									
970416-1025 unknown	Off-road Waiawa Drum Disposal	Waiawa Correctional Facility Access Road	Oahu		18 metal drums illegally disposed; some of the fluid spilled on the soil.	unknown	stabilize leaking drums, absorbed fluid ; removed the drums and visually contaminated soil.	unknown soil	

Awaiting further information.

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970416-1600	BHP's LPG Pipeline Jacket Leak	Between Refinery and Deep Draft Harbor			A leak from the oil filled jacket around an LPG pipeline was discovered during an inspection excavation.	Leak	Remaining oil pumped from pipeline jacket. About 5 gallons of contaminated soil excavated and removed. Oil and soil will be tested for PCBs and RCRA hazardous wastes.	Oil	55 gallons
	BHP Pipeline	Kapolei	Oahu	96707				Soil	25 gallons

Forwarded to the ISST. File with REM Facilitator.

970417-1642	Westgate Shopping Center Elevator HazMat Accident	94-366 Pupupani St			Message from Civil Defense pager. 1706 EMS on scene. Victims evacuated to nearest medical facility.				
		Waipahu	Oahu						

Additional inspection completed with HAZMAT Capt. Ed Gomes HFD. Inconclusive as to what was actually released. Conducted several after the fact interviews. Pending letter to Annette Yamaguchi, Waipahu Neighborhood Board Chairperson. May have been a "tear gas or irritant" release by students as a prank. There were no residues or evidence remaining on-site to sample for identification purposes. HEER may never know the exact material released.

970417-2218	Gas Dumped In Drainage canal				Delta 4 Fire Department relayed call from a neighbor.			Gasoline	
			Oahu						

No source or person located. Gas-like odor dissipated before HFD arrived. Later discovered the odor was a charcoal lighter fluid bottle left open from a neighbors lanai/barbeque.

970419-1222	River Street Sewage Spill	901 River St			Grease in lateral line caused a sewage spill.	Grease in line.		Sewage	
			Oahu						

Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.

970419-2152	Bertram Street Sewage Spill	1753 Bertram St			Roots in line caused a sewage spill. Storm drain not involved.	Roots in line.		Sewage	5 gallons
		Honolulu	Oahu						

Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.

970419-2153	10th Avenue Sewage Spill	1826 Tenth Ave			Grease and rags in line caused an 80 gallon sewage spill. Storm drain not involved.	Grease and rags in line.	Cleaned, disinfected and deodorized.	Sewage	80 gallons
		Honolulu	Oahu						

Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
<u>RI's Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970419-2154	Glen Avenue Sewage Spill	1512 Glen Ave			15 gallon sewage spill. Storm drain not involved.		Cleaned, disinfected and deodorized.	Sewage	15 gallons
		Wahlaawa	Oahu						
Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.									
970420-0754	BHP Asphalt Spill	91-325 Komohana Street			Pump seal failure released 25-50 barrels of asphalt onto the ground.	Pump seal failure.		Oil, Vacuum Residual or Asphalt	83 barrels
	BHP Refinery Oil	Kapolei	Oahu	96707				Soil	25 gallons
The release was contained within a bermed area designed to contain asphalt spills. Cleanup was completed by the Responsible Party									
970420-0944	Waikiki Public Bath Pump Station Main Break	4287 Kahala Ave			Waikiki Public Bath Pump Station Main Break.			Sewage	
		Honolulu	Oahu					Storm Drain	
Main repaired, backed up sewage was pumped into vac-trucks and shuttled to discharge points past the break then re-introduced to sewage system. This operation was conducted for approximately 12 hours. Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.									
970420-1552	Palolo Stream Sewage Spill				627 gallons of sewage spilled.		Cleaned, disinfected and deodorized.	Sewage	627 Gallons
		Honolulu	Oahu					Stream	
Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.									
970420-2129	Terrace Drive Sewage Spill	2611 Terrace Dr			Maximum 400 gallons spilled into Manoa Stream. Flow was a slow drip.		Cleaned, disinfected and deodorized.	Sewage	400 gallons
042097		Honolulu	Oahu					Stream	
C&C discussion with SOSC whether or not to post stream. Drip was over a 24 hour period. There was no visible signs of a sewage release.									
970421-1115	Pearl Harbor off Reef Runway				Sheen spotted by reef runway.		USCG will investigate.	Oil, Waste	
			Oahu					Ocean	Sheen
USCG notified, HEER SOSC responded. Sheen had dissipated with on scene weather conditions.									
970421-2037	Kamamalu Avenue Possible Gas Leak	1691 Kamamalu Ave			Possible gas leak.				
			Oahu					Air	
Punchbowl area. BHP discovered cracked gas line behind house. HazMat responded and remained on standby. The GAs company repairs crew located the leak and replaced pipe section as necessary.									

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970422-0006	Odor In Salt Lake Area	Likini and Ala Napunani			Odor reported in Salt Lake area. Aliamanu Army Reservation sewage line blocked, flow into storm drain that eventually enters Salt Lake, Golf Course, Moanaloa Stream.			Air	
Strong sewage odor reported. SOSC responded. Odor dissipated with on scene weather conditions. Suspected sewage backup.									
970422-0820	King Street Storm Drain Smell	1740 S. King St			Complaint of steady rotten smell from the storm drain.		Will sample for hydrogen sulfide if requested by Stormwater.	Sewer Gas	
		Honolulu	Oahu					Air	
970422-0836	Nawiliwili Harbor Sheen Sighting	Nawiliwili Harbor			Sheen sighted, estimate 10 gallons.		Harbor Master reported the spill to USCG Point Evans.	Oil	10 gallons
04/21/97		Lihue	Kauai					Ocean	Sheen
970423-0310	Eleele Port Allen Generation Station	Eleele Port Allen Generation Station		Kauai	While modifying a berm at Port Allen Generation Station workers discovered contaminated soil. There are old above ground storage tanks in the area. No known spill in within the last 5 years. About 625 square feet of soil maybe contaminated w/petroleum		Took samples. Analysis shows soil contaminated with petroleum.	Oil	625 square feet
04/23/97			Kauai					Soil	25 gallons
Need to determine the level of halogens in the soil.									
970423-0315	Pearl Harbor Ship Yard Fire Fighting Pit	South Avenue Bldg. 1430 Pearl Harbor Shipyard		Honolulu	Discovered a leaking pipe under an asphalt lot. Stained soil 10" diameter around pipe.	broken pipe	Secured pipe. Will fax in any additional information as it becomes available. Soil will be disposed of properly.	Jet Fuel JP-5	<10 gal est
04/23/97		Honolulu	Oahu					Soil	25 gallons
Steve received verbal confirmation over the phone on 4/14/97 that soil would be cleaned up. Site was NFAed.									
970423-0725	Honolulu Harbor Pier 32, Vessel Naupaka	Honolulu Harbor Pier 32 BHP Terminal		Honolulu	After finishing fueling of the vessel Naupaka at the BHP terminal, Honolulu Harbor Pier 32 vent on vessel burped forward spilling 1/2 cup diesel fuel # 2 into water.	Burp	BHP responded, Notified HEER.	Diesel Fuel	1/2 cup
04/23/97		Honolulu	Oahu					Ocean	sheen

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970424-0000	AFDM-6 Competent Floating Drydock Lube Oil Leak	Pier S-20			Less than one gallon of lube oil was spilled from a sensing unit on the onboard crane.	Equipment failure.	Sheen dissipated. Absorbants were used on deck.	Oil	1 gallon, 1 plnt to Ocean
04/23/97		Pearl City	Oahu					Ocean	Sheen

The HEER office has no record of the initial verbal notification and no copy of the NRC report. U.S. Navy submitted a written followup. Cleanup completed.

970424-1528	Laehala Street Dumping	Laehala St			35 drums were discovered 1 mile SE of Hilo Harbor adjacent to One Kahakana Park. About 20 have liquid. Area is overgrown. Drums are in poor condition. 3 feet to groundwater, 200 yards to the beach.	Dumping		Paint, Solvent and Transformer Oil	35 drums
	Laehala Street	Hilo	Hawaii					Soil	

See also 970403-0930.

970424-1906	Texaco Station Off- loading Fumes	1239 South King Street			Gas fumes when trucks unload at the Texaco Station are making people inside home feel ill.			Gasoline	Fumes
On-going		Honolulu	Oahu	96814				Air	

Referred to UST on 05/02/97. Odors emanating from King Posts (tank vents) back wall of gas station. Normal venting during transfer operations.

970425-0813	Pier 10 Sheen Sighting	Pier 10			1 foot by 50 foot rainbow sheen sighted.		MSO Honolulu found that the spill was in the last stages of dissipation and no action was required.	Oil	
	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen

As per MSO's findings.

970426-0631	Chevron Refinery Asphalt Spill				20 barrels of asphalt (flux oil) spilled at the Chevron Refinery.			Asphalt	800 gallons
	Chevron Refinery	Kapolei	Oahu	96707					25 gallons

The release was contained within a bermed area designed to contain asphalt spills. Cleanup was completed by the Responsible Party

970428-1330	Waipio Heights Booster, Sunpoint Odor				Nauseous odor recurring over a large area.		Ref Mano at C&C BWS 527-5200		
		Waipio	Oahu					Air	

Near to Board of Water Supply Booster Station. The supervisor at the station, Mano 527-5200, checked on an odor before the caller notified HEER but could not verify. It had either dissipated or had the wrong area.

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<u>Rls Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970429-0939	FISC 5 Gallon Pier V-1 Oil Spill	Pier V-1 Pearl City Penninsula			1 square yard sheen sighted. Estimate 10 gallons of oil went into the ocean.		Spill contained. Corrective actions are complete.	Jet Fuel JP-8	100-200 Gallons on land, 10 gal. to water
		Pearl Harbor	Oahu					Ocean, Soil	Sheen
U.S. Navy submitted a written report. Most of the product was contained and recovered. Escaped material (sheen) dissipated with the on-scene weather conditions.									
970429-1034	Pier 21 Sheen Sighting	Pier 21 Honolulu Harbor			Silver color sheen, 50 yards by 100 yards, sighted.			Oil	
04/28/97	Honolulu Harbor	Honolulu	Oahu					Ocean	
970430-1105	Kaneohe Bay Drive Incident	45-431 Kaneohe Bay Dr							
		Kaneohe	Oahu					Air	
HPD, Narc and Vice, hadresponded to complaint one day earlier and entered premises at tenants invitation - no indication of drug activity. Neighbors could not substantiate complaint. There is a conflict between the complaintant and tenant with an attempt to evict the tenant.									
970501-1021	M/V Victoria Fuel Tank Overfill	Pier 17 Honolulu Harbor			Fuel tank was overfilled releasing 10 gallons of diesel into the ocean.	Fuel Overfill.	Release is secured. Absorbant pads were applied. MSO is investigating.	Diesel Fuel	10 gallons
05/01/97	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen
Liz to contact MSO for final report.									
970501-1341	USCGC Kiska Misalligned Fuel Valve	Hilo Harbor			Released Diesel Fuel #2 while taking on fuel due to a misaligned valve.	Misaligned valve.	Release was secured. Used absorbant pads to recover spilled diesel.	Diesel Fuel #2	5 gallons
04/28/97		Hilo	Hawaii					Ocean	Sheen
USCG lead and cleanup. Public vessel exempt.									
970503-0932	Cylinder on Kailua Beach				Gas cylinder washed up on Kailua Beach.		HazMat isolated cylinder. USCG took over response, hired PENCO to transport cylinder to Kaneohe Marine Corps Base Hawaii for detonation at their firing range.		
		Kailua	Oahu						

USCG arranged for detonation of the cylinder.

<u>Case No.</u> <u>RIs Date</u>	<u>Site Name</u> <u>Location</u>	<u>Street Address</u> <u>City</u> <u>Island</u>	<u>County</u> <u>ZIP</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u> <u>Media</u>	<u>Quantity</u> <u>RQ</u>
970503-1233	Nalii Street Sewage Spill	94-1147 Nalii St Waipahu Oahu		100 gallon sewage spill contained on site.	Grease in the main line.	Cleaned, disinfected and deodorized.	Sewage	100 gallons
970504-1046	Lale Wastewater Plant Sewage Spill	1900' due south of Temple Lale Oahu		7000 gallons of sewage entered a storm drain to the ocean.	Force Main Failure.		Sewage Ocean	7000 gallons
970505-0832	Cheers Bilge Spill at Honokohau Harbor	Honokohau Harbor Kailua-Kona Hawaii		P/C Cheers pumped bilge overboard.			Bilge Slops Ocean	1 gallon Sheen
USCG responded. Cleanup completed by vessel owner								
970506-2241	Kailua-Kona Sheen Sighting	Kailua-Kona Hawaii		50 foot by 50 foot rainbow sheen sighted off Kailua-Kona.			Oil Ocean	Sheen
Coast Guard lead.								
970507-0918	Hickam Flightline Fuel Spill	Hickam Air Force Base Hickam Oahu		30 gallons of JP-8 vented from an overfilled plane onto the asphalt flightline.	Overfill	Used pads and a portable vacuum to pick up spilled material.	Jet Fuel JP-8 Asphalt	30 gallons 25 gallons
5/7/97								
RP undertook clean up.								
970507-0959	Kaneohe Bay Finger Canal Drum Discovery	44-217 Mikiola Dr Kaneohe Oahu	96744	Discovered a 30 gallon drum submerged in a stream near the house.			Stream	30 gallons
Liz to contact MSO for final report.								
970507-1034	Deep Draft Harbor Sheen Sighting	Pier 5 Kapolei Oahu	96707	Black sheen sighted.		Material is contained and is being cleaned up at this time.	Oil Ocean	Sheen

MSO Case Number MC97006200 reports that investigators could find no source of the sheen and that no clean up is necessary.

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970507-1040	Kapaa High School Gasoline Spill	Mailihua Rd			2 gallons of gasoline spilled in the school parking lot.		Fire Department responded with absorbants.	Gasoline	2 gallons
		Kapaa	Kauai					Asphalt	25 gallons
Kauai Fire Department responded with absorbants.									
970508-0814	Pier 34 Sheen Sighting	Pier 34			5 foot by 5 foot rainbow sheen sighted.			Oil	
	Honolulu Harbor	Honolulu	Oahu					Ocean	
Liz to contact MSO for final report.									
970508-1145	Olivia Collection and Pillows of Paradise Warehouses	Kalaeloa at Makalao			Natural gas smell started before 9 am and lasted until 11 am. Also observed 2 days previously. BHP is upwind.		Fire Department responded but product had dissipated.	Suspect SNG	
		Kapolei	Oahu	96707				Air	
Permit issue. Referred to Clean Air Branch.									
970508-1436	Hickam Housing Renovation Area 61				Previously unidentified 800 gallon UST discovered around 1:30 pm today.		Pooled up on soil. Covered with field dirt. Babco will pump out tank and overexcavate tomorrow.	Diesel Fuel	40 gallons
		Hickam	Oahu					Soil	25 gallons
970509-1220	Hapuna Beach Submerged Projectile	Water off Hapuna Beach			3 inch by 18 inch projectile found on the ocean bottom in 30 feet of water.		Navy EOD will detonate projectile on May 20th or 21st.		
		Kona	Hawaii						
Navy EOD will detonate projectile on May 20th or 21st.									
970509-1615	Navy Pier S-10	Pier S-10			0.5 gallon of oil mixed with water spilled into the ocean at berth S-10 at 11:30am.			Oil	0.5 gallon
		Pearl Harbor	Oahu					Ocean	Sheen
970510-0836	Bouys 2 and 5 Sheen	Bouys 2 and 5 Honolulu Harbor			White foam and an oily sheen spotted at Bouys 2 and 5.		Coast Guard notified.	Oil	
05/10/97	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen
Coast Guard lead.									

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970510-1107 Biting Bugs Biting bugs at a private home. Refer to Vector Control.

Oahu

Referred to Vector Control.

970510-2201 Lauoha Place Sewage Spill 2915 Lauoha Pl 45 gallon sewage discharge from a manhole. Roots Clean, disinfect and deodorize. Sewage 45 gallons

05/10/97 Pacific Heights Oahu

Small sewage spill, no HEER response required.

970510-2202 Karsten Drive Sewage Spill 139A Karsten Dr 20 gallon sewage spill. Iron bar blocking clean out Cleaned, disinfected and deodorized. Sewage 20 gallons

05/10/97 Wahiawa Oahu

Small sewage spill, no HEER response required.

970512-2357 Ward Warehouse Sewage Spill 1020 Auahi St 170 gallons entered the storm drain. 100 gallons were pumped out. Grease Cleaned, disinfected and deodorized. Sewage 170 gallons

Honolulu Oahu

Storm Drain

Referred to Clean Water Branch.

970514-1145 BHP Deep Draft Harbor Black Oil Pipeline Flange Leak Deep Draft Harbor 20 inch black oil fuel line at Barbers Point Harbor failed hydrotest. Leaking at flange to soil. BHP is digging up soil at site for removal. Fuel Oil #6 <25 gallons

BHP Black Oil Pipeline Kapolei Oahu

Soil 25 gallons

This was not a reportable release of black oil since it was below the 25 gallon RQ and the oil was fully recovered within 72 hours.

970514-1325 BHP Terminal One 701 Kalaniana'ole Ave Excavator on site to install an underground sump tank. Hydraulic line separated releasing oil. Ruptured hydraulic line Stopped spill. Contained. Used absorbants. Will do an excavation and pile on a sheet of plastic within the week. Oil 10-20 gallons

Hilo Hawaii

96720

Soil >72 hours

Case number originally given as 970115-1325.

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970515-1020	Puawa Place Sulfur Odor	99-826 Puawa Pl						
		Honolulu	Oahu	96701	Sulfur-like odor coming from the neighbor's house.	No odors detected at complaintant's house nor at the neighbor's house (garage). Other neighbor (down gradient) reported no sulfur-like odors ever.	Air	

No odor detected.

970518-1417	Odor Call							
		Honolulu	Oahu		A foul odor is making her sick. Had the C&C sewer people come out but they couldn't locate the source.		Air	

Source found in storm drain located at "T" intersection of Kupuohi St and Kupuohi Pl. Evidently a physically and mentally challenged elderly man who lives at the residence adjacent to the storm drain habitually pours "various" liquids into the drain. Notified Joe Reed of Oahu Civil Defense. Joe contacted C&C road maintenance division and scheduled a vacuum truck to recover foul smelling liquids which may have puddled and flush the system through. HEER SOSC responded, cleanup completed.

970519-1603	12 miles off Diamond Head							
			Oahu		Discoloration in the water at Lat 21.12.0N Long 157.45.0W	Helo in area determined it was flat wave action. Just dicoloration in the water.	Ocean	

970519-1610	Discovery Bilges Pumped Overboard							
05/19/97			Oahu		Bilges pumped due to an emergency while 0.5 miles out to sea causing an 80 foot by 60 foot sheen.	Stopped bilge pumps.	Bilge water	
							Ocean	Sheen

970519-1611	Hawaiian Homelands Waimanalo	End of Kauhokahiki St, 4-1-37 Parcels 68, 69 and part of 4-1-8 Parcel 3						
		Waimanalo	Oahu		Odor detected. 4000 mg/kg TPH in soil surrounding an excavation for utilities in old quarry. 3 samples in two test pits.	Overfill of Quarry Equipment or may be trucked in fill	Finance Waimanalo Development Company Limited. PRP is Hawaiian Homelands, Division of Land Development, Chief Stuart Matsunaga 586-3844. Just received lab results. Have stopped construction. 9 rush samples to come.	Oil
							Soil	25 gallons

HH is constructing houses. Are testing for diesel and oil to determine the limits of contamination. Need to know what to do and how long it will take to bring the site to NFA status. Alternate contact Daryl Ing 586-3844.

970519-1712	Pier 52 Cow Manure Incident	Pier 52 Honolulu Harbor						
		Honolulu	Oahu		Cow manure being washed off a barge.		Cow Manure	
							Ocean	

Referred to Clean Water Branch for investigation and enforcement action.

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970519-2322	Ala Moana Shopping Center Sewage Spill	Ala Moana Blvd		175 gallon sewage spill. 30 gallons went to the storm drain.	Grease	Cleaned, disinfected and deodorized.	Sewage	175 gallons
05/19/97		Honolulu	Oahu				Storm Drain	
Honolulu City and County Sewage Maint. "Cleaned and Disinfected" the affected area.								
970520-2242	Ala Moana Building Eleventh Floor Abestos Removal			Construction ongoing on the 11th floor. A sign is posted stating asbestos removal. The hallway is filled with blowing dust. Wonders if the dust contains asbestos.		Bill advised contacting Bob at Asbestos Abatement.	Asbestos	
		Honolulu	Oahu				Air	1
Referred to Noise and Radiation Branch, Asbestos Abatement, Robert Lopez								
970521-0825	Amfac Kekaha Field 108 Leaking Transformers	Kekaha Field 108		On May 6, 1997, a power pole crossbar fell, damaging three transformers which leaked to the soil.	Termite Damage	Interisland Environmental Services contractor are to start soil removal 05/55/97. Will remove and dispose of 10 cubic yards of soil in drums. Will take 6 samples to verify removal to clean soil. 2 transformers contained less than 250 ppm PCB.	Oil	100 gallons
05/06/97			Kauai				Soil	
Forwarded to SDA. ISST decision made.								
970522-0836	Diamond Head Alii Konia Building	3027 Pualei Circle		3 black containers left in parking lot. Containers are not leaking. No odors present.		The 3 containers had labels: 1)poison, 2)killer bees and 3)Dept of Health Vector Control Branch.		
		Honolulu	Oahu	96816				
Steve from Dept. of Agriculture returned containers to the Vector Control Branch (George). According to George, investigator took containers home because of after hours use. His car was impounded, and while impounded, the car was broken into and contents stolen.								
970522-1136	Puuloa Road Drum Dumping	Puuloa Rd		7 55 gallon drums dumped at the side of the road. 6 metal, 1 poly. Athick black goo leaked from and surrounds the drums.		Contacted Penco for ID and cleanup.		7 x 55 gallons
		Honolulu	Oahu	96819			Soil	
ERRF Total = \$2,397.30 (PO#538869) + \$1,507.33 (PO#548114).								
970523-0858	Kewalo Basin Sheen Sighting			100 foot by 20 foot black sheen sighted		Investigated for source. Material dissapated.	Blige Slops	
05/22/97		Honolulu	Oahu				Ocean	Sheen
Sheen dissapated.								

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970524-1006	Sewage Spill	Honolulu	Oahu		25 gallon sewage spill contained on site. Cleaned, disinfected and deodorized.		Cleaned, deodorized and disinfected.	Sewage	25 gallons
City and County Wastewater Branch lead.									
970526-0945	Pier 51 Sewage Spill	Pier 51 Honolulu Harbor Honolulu	Oahu		Sewage spill reported by a ship's captain.			Sewage Ocean	
970526-1404	Kalakaua Avenue Sewage Spill	Kalakaua Ave at Coconut Ave Honolulu	Oahu		10 gallon sewage spill contained on site. Cleaned, disinfected and deodorized.	Grease and Sand	Cleaned, deodorized and disinfected.	Sewage	10 gallons
City and County Wastewater Branch lead.									
970526-1702	Sand Island Green Water	Sand Island Honolulu	Oahu		Digging a hole and green water is flowing into it.			Soil	
Non toxic fluorescent dye that had leaked from drums staged at the same location previously.									
970527-1445	Aumoku Street Bird Kill	45-435 Aumoku St Kaneohe	Oahu	96744	Many dead birds and 1 dead cat discovered on Calvary Episcopal Church property.		Referred to the Department of Agriculture		
970527-1522	Bouy 1 Sheen Sighting	Bouy 1 Honolulu Harbor Honolulu Harbor	Oahu		5 foot by 10 foot rainbow sheen sighted in Honolulu Harbor.		None.	Oil Ocean	Sheen
970528-0800	HECO Wai'ale'ale Generating Station Fuel Oil Spill	475 Kam Hwy Pearl City	Oahu	96782	Overfilled fuel oil bulk tank. Spill contained in bermed area surrounding tanks.		Transfer stopped. Hiring contractors to clean up spill.	Diesel Fuel Bermed area	400-500 gallons 25 gallons

RP is contracting for clean up.

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970529-1110	BOH Kealakekua	P.O. Box 8			Discovered a broken container of malathion in parking lot. Heavy odor. Lot is paved. Kona Krafts-Landscaper. 50% Malathion. CAS 121-75-5 1 foot by 5 foot spill area.		Recommend hot water soap. Absorb with kitty litter. Redisolve in water and recycle for intended purpose with application to kill insects per package directions.	Malathion	1 quart
		Kealakekua	Hawaii	96750				Asphalt	100 lb

John at Kona Crafts 323-2626 reported a blue bottle with less than a gallon. Ken Branch Manager confirms 1 quart at 1330. Lissa, Senior Citizens Housing 100 yards away claims runs and vomiting. A preschool is also located adjacent to parking lot.

970530-0740	Ala Loke Place Degreaser Smell	949 Ala Loke Pl			Hoa Aloha Park culvert and soil				
		Honolulu							
970531-1625	Nohonani Street Sevin SL Leak	417 Nohonani St			About 14 gallons of Sevin SL leaking from a pesticide truck onto the street.		RP absorbed material with kitty litter. Tracey Romias of Honolulu Termite stated that the absorbed material will be used to treat a clients house.	Sevin SL	14 gallons
05/31/97		Honolulu	Oahu	96815				Asphalt	

970602-0830	Booth Road Sake Brewery UST	2150 Booth Rd			There was petroleum contaminated soil on the property in areas where UST were removed. The area was cleaned and samples taken indicated site was clean of all known contamination.	Contamination discovered during tank removal	Dr. Bruce Anderson asked the UST Section to have our office review the cleanup report before making a determination the site is clean. Report was given to Bryce Hataoka Team Leader for determination 6/2/97.	Petroleum Hydrocarbon	
10/11/95		Honolulu	Oahu	96813				Soil	25 gallons

Referred from UST Section.

970602-0865	Ala Wai Yacht Harbor Sand Blasting Residue Release				Vessel HA4292D was being sandblasted and the residue caused a sheen in the water.	Sand blasting		Paint and Sandblasting grit	
05/30/97		Honolulu	Oahu					Ocean	Sheen

Liz will contact MSO for their report.



<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
<u>Rls Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970603-0932	Honolulu International Airport Fuel Spill	Honolulu International Airport			50 gallons of Jet A Fuel spill at Gate 13. 25 gallons went into the storm drain.	Fuel spill		Jet Fuel A	50 gallons, 25 to the storm drain
06/01/97		Honolulu	Oahu					Storm Drain	25 gallons

970603-0940	Mapunapuna Truck Spill								
			Oahu						

AAA Environmental Co. abandoned three tank trucks with hazardous waste placards on Mapunupuna street. C&C Vehicles division marked the vehicles for tow. Tow Masters company could not tow because of potential HAZMAT/breach of C&C contract. HEER requested to respond. Trucks were moved and later found State investigators (Attorney generals Office) partially dismantled/sold at Kapalama auto auction. The remaining tank truck was seized. PENCO cleaned and the vehicle was destroyed at Hawaii Metal Recyclers, Campbell Industrial Park (*****CONFIDENTIAL ENFORCEMENT *****) ENFACTN2FLLW. [Notes: ERRF_Total = \$3,910.25 (inv.#7230) + \$3,325.56 (inv.#7263) + \$272.39 (inv.#7273).]

970604-0851	Naval Station Pearl Harbor Sheen Sighting	Pearl Harbor			150 foot by 500 foot rainbow sheen sighted. Estimate 50 gallons of diesel.		Booms, skimmer and absorbants were deployed. Investigation continues.	Diesel Fuel	50 gallons
		Pearl Harbor	Oahu					Ocean	

Contact MSO for final report.

970604-1209	Pier 34 Sheen Sighting	Pier 34 Honolulu Harbor			Rainbow sheen sighted.		Sheen was stationary in the harbor around the dock.		
	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen

Contact MSO for final report.

970606-1330	HELCO-Puna Power Plant Air Pollution				Illness from power plant smoke stack.				
		Hilo	Hawaii	96721				Air	

Referred to HEER by the Clean Air Branch in Hilo.

970606-1443	Opule Street Paint Dumping	1009 Opule St			Looks as if 16 ounces of paint and thinner was dumped into a storm drain.	Fugitive dumping	Allegiance Healthcare Corporation has hired an environmental contractor to berm storm drain and sandblast to remove paint.	Paint	16 ounces
		Kapolei	Oahu	96707				Storm Drain	

Paint dried, no source known (Certified Mail P 299 421 578) Cleanup completed by contractor and Responsible Party.

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
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970606-2335	BHP Refinery Switching Flow in SRU	91-325 Komohana Street			Switching flow in SRU.				
	BHP Refinery Air	Kapolei	Oahu	96707					

Courtesy notification for potential only.

970610-1430	USPS at Honolulu Airport Compressor Oil Discharge	3600 Aolele St			Compressor oil/water separator blow down is contaminating the lawn.		Need to investigate source and prevent further discharge. 7/7/97 - James Okazaki of M/E Pacific called; indicated that USPS will be sending HEER a written f/up; provided L. Galvez with a contact tel no. 521-3051.	Oil	Less than 1 gallon
		Honolulu	Oahu	96819				Soil	>72 hours

Awaiting written follow up.

970610-1440	Ross Machinery Shop	720 D Moowaa St,			0.5 gallon of hydraulic oil was washed from equipment into the sewer.			Oil	0.5 gallon
06/10/97		Honolulu	Oahu					Storm Drain	

970611-1300	MCBH Kaneohe Bay Diesel Leak	1st Battalion Motor Transport Compound Building 373			Defective fuel hose leaked small amounts of fuel over a long period of time. Diesel leaked into the soil via an inadequate secondary containment system.		Soil sampling, excavation, disposal and treatment underway.	Oil	
I		Kaneohe	Oahu					Soil	>72 hours

Further written information was received on 09/24/97 from MCBH stating that about 10 yards of contaminated soil was excavated and placed into a remediation pile at MCBH. When TPH concentrations fall within acceptable limits, the remediated soil will be used to backfill around underground storage tanks.

970612-0830	Alokele Street Leaking Oil Drum	1435 Alokele St			One 55 gallon drum is leaking oil.		Investigation revealed an open 2 quart container on the road. Referred to City and County Road Maintenance Division 523- 4472 Chris Takeno.	Oil	
		Honolulu	Oahu	96817				Soil	

Referred to City and County Road Maintenance Division 523-4472 Chris Takeno.

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<u>Rls Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970613-0159	BHP SRU Start Up	91-325 Komohana Street			BHP SRU Start Up.		Maintenance replaced the solenoid and the start up vent. The new start up vent is steam jacketed and should no longer plug.	Sulfur Dioxide	20,821 pounds
	BHP Refinery Air	Kapolei	Oahu	96707				Air	
970613-1304	Pier 33 Sheen Sighting	Pier 33 Honolulu Harbor			5 yard by 25 yard silver sheen sighted.			Oil	
	Honolulu Harbor	Honolulu	Oahu					Ocean	
970613-1450	HC&S Paint Dumping	Field 413 Pulehu Omaopio Area			19-1 gallon, 12-5 gallon and 7-1 quart containers of paint dumped in cane field. Mostly oil based. Intact.	Fugitive Dumping	Have them in the haz waste storage. Will segregate according to labels. Will send to Unitek or Enviro services.	Paint	80 gallons
		Puunene	Maui	96784				Soil	100
Twelve gallons were overpacked for pickup with normal HC&S hazardous waste for mainland disposal. Twenty five gallons of latex paints will be allowed to dry out and then will be disposed of in as solid waste.									
970615-0943	Kailua-Kona Bilge Spill				Oil water mixture from bilge was pumped over the side of the boat.		Spill broke up before clean up process could get underway.	Bilge Slops, Oily water	5 gallons
06/15/97		Kailua-Kona	Hawaii	96745				Ocean	Sheen
USCG Honolulu notified and assumed the lead. Sheen had dissipated with on scene weather conditions.									
970615-1314	Smith Maritime Manahoe Fuel Overfill at Pier 34	Pier 34 Honolulu Harbor			Tug Boat Manahoe overfilled during fueling operations.		Clean up boat is being used to clean up the spill.	Diesel Fuel #2	2 gallons
06/15/97		Honolulu	Oahu					Ocean	Sheen
Will Contact MSO for final report.									
970616-1051	Pier 30 Sheen Sighting	Pier 30 Honolulu Harbor			10 foot by 10 foot sheen sighted.		Contained by booms.	Bilge Slops	1 cup
	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen
970616-1630	Pier 23 Brown Sugar Spill	Pier 23 Honolulu Harbor			Warehouse washed a sugar spill into water.			Sugar	
		Honolulu	Oahu					Ocean	

Employees washed out storage shed facility and intentionally discharged sugar/water mixture into storm drain, referred to Clean Water Branch for investigation and enforcement. USCG Honolulu notified HEER of incident.

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>	<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
<u>Rls Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>			<u>Media</u>	<u>RQ</u>
970618-1052	Naval Station Pearl Harbor HMCS Huron Fueling Spill	Pier M Pearl Harbor		Diesel fuel came out vent of the Huron while refueling.		Vessel had been preboomed. Material contained and removed with absorbant pads.	Diesel Fuel	15 gallons
06/18/97		Pearl Harbor	Oahu				Ocean	Sheen
970618-1306	BHP's Single Bouy Mooring Overhaul	Single Bouy Mooring		BHP is performing an overhaul of the Single Point Mooring this month. Approximately 2 quarts of oily water was released when float lines were disconnected.	Equipment maintenance	Sheen dissapated.	Diesel Fuel and Bunker and water	2 quarts
	BHP Single Buoy Mooring	Kapolei	Oahu	96707			Ocean	Sheen
As part of the ongoing overhaul, approximately 1 liter of oily water was released on the 20th when a clean oil hose was removed and again on the 21st when a vent was opened. There was no flange on the fitting due to the rough seas during the work the day before. Sweeps and/or booms were applied as appropriate at both								
970618-1453	Kewalo Basin Sheen Sighting	Kewalo Basin Slip 100		50 foot by 6 foot gray sheen sighted.		None	Oil	
		Honolulu	Oahu				Ocean	Sheen
Will contact MSO for final report.								
970619-0904	Smith Maritime Tug Nunui Hydraulic Oil Release	Pier 14 Honolulu Harbor		Hydraulic line on the tug Nunui ruptured releasing 1 gallon of hydraulic oil into the ocean.	Ruptured hydraulic line	Absorbant pads used to clean up spill. Sheen red in color, 10 by 20 feet.	Oil	1 gallon
	Honolulu Harbor	Honolulu	Oahu				Ocean	Sheen
970620-1017	Kukui Plaza Odor	55 Kukui St		Caller reports that exhaust is causing dizziness, lightheadedness and headaches. May not be exhaust smell.		OSC met with Kukui Plaza Representative Grodon Ortiz. Walked onto garden deck. There were no odors like those described by Jessica. Roofing was on going at Mililani Mortuary. After reporting findings to Jessica, she inquired about the pond.	Air	
		Honolulu	Oahu	96813				
Referred her to Department of Agriculture to investigate possible algaecide use in the pond.								
970620-1042	Fishing Vessel Wings Sinking	300 yards due south of the Thurston Estate		Fishing vessel is sinking. Caller estimates 500 gallons of oil released, 25 by 50 yard rainbow sheen.			Ocean	Sheen
		Kailua-Kona	Hawaii					

USCG Honolulu responded and assumed the lead. HEER advised of situation. Vessel owner had no insurance. Vessel broke up in surf. Owner was able to salvage vessel's engine only for resale. Will pay for USCG response activities and enforcement fines.

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
<u>RI's Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>

970620-1415 Makua Military
Hydraulic Oil Spill

Get further information from Liz.

970620-1420	Hawaiian Airlines Kona Fuel Farm	Keahole-Kona Airport			Discovered discolored soil at fuel ports on the above ground tanks during an inspection. Some contamination reported in three of the samples taken.		Will excavate to clean soil.	Jet Fuel	
		Kailua-Kona	Hawaii	96740				Soil	25 gallons

Will further excavate three areas and resample. Resampling results showed ND, therefore the levels are below DOH Tier I SALs.

970621-0922	Pier 51 Sheen Sighting	Pier 51 Honolulu Harbor			100 foot by 20 foot rainbow sheen sighted.			Oil	
	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen

970622-0950	Kapiolani Boulevard Sewage Spill	1551 Kapiolani Blvd			20 gallons, 5 gallons into the storm drain, of sewage spilled.	Grease	Cleaned, disinfected and deodorized.	Sewage	20 gallons, 5 to storm drain
		Honolulu	Oahu					Storm Drain	

Honolulu City and County After Hours Sewage Maint. "Cleaned and Disinfected" the affected area.

970622-1534	Rubbish Fire Smell				Everyday at the same time there is a smell like a rubbish fire.		Recommended calling the Fire Department if the caller felt that the fire was out of hand and referring the call to CAB in the morning.	Air	
			Oahu						

Referred to CAB for investigation and enforcement. Neighbors burning trash and slops, smoke and odors drifting into neighborhood.

970622-2013	Norko Marine Diesel Overflow from Gold Star at Pier 6	Pier 6 Barbers Point Deep Draft Harbor			6 barrels of Diesel Fuel #2 overflowed one of the tanks		Release is secured, booms deployed, contractor is enroute.	Diesel Fuel #2	6 barrels
		Kapolei	Oahu	96707				Ocean	Sheen

See also, the DOH 24 Hour Log report on 06/26/97 at 1836.

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970623-1518	Deep Draft Harbor Pier 5 Crude Oil Contamination	Pier 5, Barbers Point Deep Draft Harbor			Aloha Petroleum and Texaco discovered petroleum contamination 6 feet to 8 feet deep at the edges of the excavation while upgrading a pipeline.	Leaking pipeline	RP is unknown, both Texaco (Ran Shannon 682-5721) and Aloha (Sam Olsen 521-3872) say it is not their responsibility because the type of oil discovered is not theirs. Excavation was stopped.	Crude Oil Soil	25 gallons
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File forwarded to Site Investigation.

970623-1847	Pearl City Police station	Waimanu Home Road			HPD Narcotics seized chemicals and radio equipment from a Clandestine Laboratory and holding at station per PENCO pickup	Illegal Operation/Drug Enforcement	HPD Narcotics Div. seized chemical, radioequipment and conversion lab paraphenalia. All materials were brought back to the Pearl City Police Station per PENCO pickup and proper disposal.	Acetone, Denatured Alcohol other	Approx. 3 gals. no
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Capt. Terry Yuen/ HPD Narcotics Div. Liason Officer, notified HEER of siezed Clandestine Laboratory chemicals that were transported by HPD personnel to the Pearl City Police Station awaiting PENCO environmental contractors pickup and disposal. Police Band Scanning equipment, acetone, denatured alcohol, and meth

970625-1448	Navatek Ships Ltd. Honolulu Shipyard Diesel Spill	PO Box 30989			M/V Slice internal fuel transfer-fuel vent valve not seated, leaked.	mechanical fault	Deployed boom and absorbants.	Diesel Fuel	10 gallons
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6/24/97 Honolulu Oahu 96820 Ocean Sheen

Phone contact at Navatek: Francis Mcgaughlin 848-6296

970626-1407	Pier 2C Tank Overfill on the Hai Yang Chihao	Pier 2C, Honolulu Harbor			Diesel spilled into the ocean while the barge Holokai was pumping filling tanks for the Hai Yang Chiao		Vessels on location have deployed sorbents on sheen and placed boom around barge.	Diesel Fuel	
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06/26/97 Honolulu Harbor Honolulu Oahu Ocean Sheen

The agent for the Hai Yang Chiao is Norton Lilly Hawaii, Inc. 680 Iwilei Rd, Suite 670, 544-0441

970702-1449	USCG Cutter Jarvis Oily Water Release	Sand Island			Oily water separator testing released material to the ocean creating a 2 foot by 40 foot black sheen.		Stopped discharge.	Oily Water	20 Gallons
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07/02/97 Honolulu Harbor Honolulu Oahu 96813 Ocean Sheen

970703-0841	Kailua Bay Diesel Sheen	Kailua Bay			40 foot by 200 foot rainbow sheen sighted.			Diesel Fuel	Sheen
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Kailua-Kona Hawaii Ocean Sheen

USCG Honolulu assumed the lead. Sheen dissipated with on-scene weather conditions.

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
<u>RIs Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970704-1530	Pier 1 Vessel Causing Sheen	Pier 1 Honolulu Harbor			Sheen or sewage reported by Aloha Tower.		Called Aloha Tower. Sheen dissapating.		
	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen
USCG responded. Discovered a sheen dissapating with on scene weather conditions. No source could be located. Suspect storm drain nonpoint source pollution.									
970705-2357	Tenth Avenue Sewage Spill	2314 10th Ave			400 gallon sewage spill entered Palolo Stream at 2240.	Roots	Site secured at 2345. Posting signs tonight.	Sewage	400 gallons
		Honolulu	Oahu					Stream	
C&C Wastewater lead.									
970707-0829	Kapiolani Express AST Overfill	1111 Kapiolani St			Spilled 7-10 gallons of oil by overfilling tank.		Contained and cleaned with saw dust, soap and water.	Oil, Waste	10 gallons
		Honolulu	Oahu	96814				Concrete	25 gallons
Unitek will pick up waste.									
970707-1124	Ala Wai Boat Harbor	Harbor Masters Office- Main Building			Stockpiling. 300 gallons of petroleum products, uncovered containers, 50 car batteries.			Petroleum Products	300 gallons
		Honolulu	Oahu					Asphalt	
970707-1410	Barge Huimana Small Jet Fuel Spill				10 to 30 gallons of jet fuel were spilled to the containment . One tablespoon spilled overboard.		USCG was notified.	Jet Fuel JP-8	1 tablespoon
			Oahu					Ocean	Sheen
970708-0755	Waikoloa Village Howitzer Shell Discovery	Nanala PI			105 Howitzer shell discovered at a construction area.		5 homes evacuated. At 11:35 a successful detonation was completed by Schofield EOD.	Unexploded Ordinance	1 shell
		South Kohala	Hawaii	96782				Soil	
Detonation completed.									
970709-0359	BHP Refinery Shut Down				Shut down at 0130. Trying to restart now, plumbing slightly. Notifying Fire Marshall also.				
	BHP Refinery Air	Kapolei	Oahu	96707				Air	

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970709-1344	USCG Cutter Jarvis Oily Water Release	Sand Island			Faulty valve on bilge eductor or pump.		Boomed.	Oily Water	3 gallons
07/09/97	Honolulu Harbor	Honolulu	Oahu	96813				Ocean	Sheen
970709-1430	Noella K Diesel Spill	Pier 34			A half cup of diesel spilled into the water.		USCG on scene. Sorbent pads and sweeps applied.	Diesel Fuel	0.5 cup
07/09/97	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen
Contact NORKO, Norman Chu 536-4568 for further information.									
970710-1217	Texaco Hilo Bulk Plant Pipeline Failure	999 Kalaniana'ole Ave			Dock 6 inch pipeline is suspected to have failed.		Pipeline is blocked off. Hydrotest is being conducted.	Diesel Fuel #2	
		Hilo	Hawaii	96720				Soil	25 gallons
Pipeline failure confirmed.									
970710-1257	USCG Cutter Jarvis Waste Oil Spill	Pier C-D Sand Island			A valve developed a leak which resulted in a 20 ounce waste oil release overboard. Rainbow sheen 30 foot by 1 foot.		Release was secured. Used sorbent boom to recover spilled oil.	Oil, Waste	20 ounces
07/10/97	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen
970710-1347	Pearl Harbor Sheen Sighting	WestSide of Ford Island			Rainbow sheen sighted.		Deployed booms and sorbents to recover sheen.	Oil	Sheen
		Pearl Harbor	Oahu					Ocean	Sheen
970711-1051	MCBH Kaneohe Bay Oily Water Spill	MCBH Kaneohe Bay Fuel Pier			Pressure testing a line. Purged oily water at the end of the Fuel Pier into a boomed area.			Oil	
		Kaneohe	Oahu					Ocean	Sheen
970711-1300	Renton Road Drum	Renton Rd			On May 7, 1997 a drum was located at the west end of Renton Road near the access gate to DOT property. Some black liquid had seeped onto the ground in the area of the drum. The drum is on its side.			Soil	
		Ewa Beach	Oahu						

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<u>Rls Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970712-0651	Ala Wai Boat Harbor Sheen Sighting	1651 Ala Moana Blvd			Light colored 200 foot long sheen sighted in the Ala Wai Boat Harbor.			Oil	Sheen
		Honolulu	Oahu					Ocean	Sheen
USCG lead.									
970714-1232	Gobble-Diddle Tanker Truck Overfill at Loadrack #1	411 Pacific St			Tank truck diesel cargo compartment overfilled.		Material was contained under the load rack and ran into the loadrack sump tank. Allwaste was hired to pump the sump and dispose of the diesel/water mixture at htere CIP facility.	Diesel Fuel #2	300 gallons
07/14/97		Honolulu	Oahu	96817				Concrete	25 gallons
970714-1507	Kewalo Basin Sheen Sighting	Kewalo Basin			A 100 foot by 300 foot rainbow sheen was discovered in Kewalo Basin.		Sheen dissapated with on-scene weather conditions	Oil	
		Honolulu	Oahu					Ocean	Sheen
Notified USCG of the incident. No source could be located. Suspect vessel pumping bilges while departing Kewalo Basin earlier that morning.									
970715-1658	Naval Security Group Activity UST Removal	Kunia, Building 9			2,150 gallon UST removed		Removed tank from service; removed contents with vacuum truck - believed taken to Public Works Center. Contract with Ogden to do a tank management plan; sampling conducted. Determined that this is a regulated UST - refer to UST Section.	diesel	unknown
unknown		Schofield Barracks		96857				soil	
970715-1755	FISC Pipeline Failure	Hotel Pier, Valve Chamber 3	C&C HNL		Construction work in the area of valve chamber 3 at Hotel Pier may have caused a break in the fuel pipeline. An unknown amount may have seeped into surrounding soils.	break in pipeline	Spill contained on land and booms are in place. Containment method primarily contained fuel in valve chamber. A harbor boom was deployed in case seepage extends into water.	DFM diesel fuel	1500 to 1700 gallons
7/15/97		Pearl City	Oahu					Soil	25 gals/sheen

Received fax 7/15/97 stating the planned removal method was to use a skimmer and vacuum truck to recover oil from valve chamber. Case closure is awaiting more information or SOSOC determination. Forward notification to Liz Galvez (SOSOC) for followup 7/16/97. Bill Perry received pollution followup report. The valve pit was

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
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970716-1039	Roberts Central Laupahoehoe, Inc.	35 Holomua St Hilo	Hawaii	96720	Neighbor business reports paint spray and fumes from bus painting next door.		Glenn Kawanishi, EHS- Hawaii, inspected. No visible emmisions, reports that they use a paint spray booth and that the spray booth was in satisfactory condition.	Paint Air	
970718-0914	Ala Wai Boat Harbor Sheen				Rainbow sheen 10 yards by 30 yards.		USCG response team is enroute.		
	Ala Wai Boat Harbor	Honolulu	Oahu					Ocean	Sheen
USCG lead.									
970721-0911	Makanani Drive Natural Gas Smell	2370 Makanani Dr			There has been a natural gas smell since yesterday. Located right below Kam Schools.		Asked caller to investigate further and call 911 if the smell continues.	Natural Gas	
07/20/97			Oahu					Air	
970721-0945	Industrial Technology								
	Campbell Industrial Park	Kapolei	Oahu	96707					
[Notes: ERRF_Total = \$667.32 (PO#542683) + \$429.68 (PO#542692) + \$2,322.90 (PO#538870) + \$15,092.24 (PO#542654)].									
970722-1438	Ala Wai Boat Harbor Sheen				Harbor Master reports a 50 foot by 50 foot rainbow sheen.		CG investigated but found no source. Material is evaporating quickly.	Diesel Fuel	
	Ala Wai Boat Harbor	Honolulu	Oahu					Ocean	Sheen
USCG lead.									
970724-0921	Jupiter Cleaners Diesel Pump Leak				Laundromat in Kainaliu (TMK 3 7 9 7:65) has a leaking diesel pump. There is a 5-6 square foot puddle of water and fuel. No containment. Edge of concrete goes onto asphalt.		Bill Perry to check on next visit to Big Island.	Diesel Fuel	
		Kailua-Kona	Hawaii					Concrete	72 hours

Notified Big Island Fire Prevention Bureau of situation. Jupiter Cleaners diesel pump system is not leaking just has heavy emmisions(odor) during cold startup. Complainant is sensitive to noxious exhaust odors. Recommended owner place proper exhaust/emmision control equipment in place. Big Island FPB will followup.

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
<u>Rls Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970724-1630	Kaaawa Blue Poly Drum Release	51-028 Hllaka Rd	Oahu		Yardworker dumped two abandoned blue poly drums along roadside, then felt lightheaded. Odor like industrial cleaner.		HazMat called by Kaaawa Station Rig. HazMat made a Level B entry and pulled sample. HazCat revealed pH about 1, no oxidizer (drum was labelled hydrazine); brought pH to 5+. Around 214, Penco removed 100 square feet of soil to 3 inches and weeded area.	Acid Soil	
Removal completed. Cost Recovery? [ERRF Total = \$4,103.10 (PO#538864) + \$368.23 (PO#542685)].									
970728-0922	Pearl City Corporation Yard Fuel Spill	952 3rd St.	Pearl City	Oahu	176 gallon diesel spill during filling of USTs. 50 gallons to the ground, 100 to sump.		Absorbant material applied. Will stock into waste oil tank. Unitek hired for clean up.	Diesel Fuel Soil	176 gallons 25 gallons
Will be referred to SHWB upon verification that the tank is regulated.									
970728-1920	Chemical or Gas Smell		Oahu		Empire for a softball team is calling to report an overpowering chemical or gas smell.			Air	
970730-0855	Honolulu Harbor Pier 17 Sheen Sighting	Pier 17 Honolulu Harbor			Rainbow sheen sighted.		USCG enroute to investigate.	Oil	Sheen
	Honolulu Harbor	Honolulu	Oahu					Ocean	Sheen
USCG lead.									
970730-0905	Keauhoe Bay Sheen Sighting	Keauhoe Bay	Kona	Hawaii	Report that someone on the Fishing Vessel Kelena Ana was dumping buckets of what appeared to be oil into the water.			Oil Ocean	 Sheen
Bill Perry was unable to establish communications with the vessel during the time of the pollution notification. USCG notified. Suspect the vessel was either chumming or bailing. Response personnel were unable to confirm the pollution event. If an oil sheen was present it had dissipated with on-scene weather conditions. No further action.									
970730-1404	Walawa Drum Spill		Oahu		Walawa drum spill clean up had to respond to a second incident roadside dumping Walawa incident.	dumping	HEER/SOC, Bill Perry. Have Penco clean up.		

<u>Case No.</u>	<u>Site Name</u>	<u>Street Address</u>		<u>County</u>	<u>Incident Description</u>	<u>Cause of Release</u>	<u>Initial Response</u>	<u>Substances</u>	<u>Quantity</u>
<u>Rls Date</u>	<u>Location</u>	<u>City</u>	<u>Island</u>	<u>ZIP</u>				<u>Media</u>	<u>RQ</u>
970730-1630	BTU Company Tanks	Pier 21			3 rusting tanks are spilling onto the ground and leaking into (or near) storm drains and the harbor.			Lye, Chlorine, Grease	
		Honolulu	Oahu					Soil	

Contact Kerry Shannon, C&C Water Quality Control Branch for more information.

APPENDIX B

STATE SITES LIST 1997

Priority Ranking in Sitelist

08-Dec-97

Site Name				ISST Date	ISST Priority	Manager	Priority
				1/29/96	Medium		
Borden Meadow Gold Dairy				6/26/97	Low		
Hawaii Pest Control	56A Wiwoole Street	Hilo	Hawaii	3/3/97	High		High
Hilo Arsenic Spill		Hilo	Hawaii	11/1/95	High	Laura Young	High
Hilo Quality Washerette	210 Hoku St.	Hilo	Hawaii	12/2/96	Medium	Laura Young	Medium
Hilo Rubbish Dump	Leilani St.	Hilo	Hawaii	3/26/96	Low		
KTA/Davies Property			Hawaii	1/10/95	Medium		Medium
Sun Sun Lau Chop Suey House	1055 Kinoole St.	Hilo	Hawaii	1/7/97	Low		
Waiakea Pond/Hawaii Cane Products Plant	Hilo	Hilo	Hawaii	12/29/95	Medium		
Wainaku Mill		Hilo	Hawaii	7/6/95	Low		Low
Brewer Chem Corporation, Puhi	3-1480 Kaumualii Hwy.; Mn Gov	Lihue	Kauai	11/2/94	Medium		
Coco Palms Sewer Pump Station	4511 Halelilo Road	Kapaa	Kauai	3/21/95	Medium	Chris Takeno	Medium
Kauai Electric-EMD Lube Oil Berm at Eleele Port Allen Generation Station	3492 Waialo Rd	Eleele	Kauai	7/15/97	Low	Ross Kuge	Low
Nawiliwili Harbor	Pier 1	Lihue	Kauai	2/12/96	Low	Laura Young	Low
Pacific Missile Range Facility	Kekaha, Kauai	Kekaha	Kauai	4/29/96	Low		Medium
Pacific Missile Range Facility, Torpedo Post Run Facility Drain Field		Barking S	Kauai	8/31/95	Low?		Low
Pacific Missile Range Facility, Fire Fighting Pit No. 1		Barking S	Kauai	8/1/95	Low		Low

Site Name				ISST Date	ISST Priority	Manager	Priority
Alexander and Baldwin Dump Site	West Papa Ave.	Kahului	Maui	10/26/95	Medium	Laura Young	Medium
Bird Builders			Maui	12/21/94	Medium		Medium
Chevron Kahului Bulk Terminal	100A Hobron Ave	Kahului	Maui	10/29/96	Medium		Medium
E & E Black Contractors	Amala Pl.	Kahului	Maui	5/26/94	Low		Low
Maui Business Park Oil Contamination	370 Dairy Rd.	Kahului	Maui	2/16/96	Low		Low
Maui Meat Facility-Former			Maui	8/25/97	Low		Low
Maui Petroleum Bulk Distribution			Maui	3/2/95	Medium		Medium
Rainbow Hauling	Amala Place	Kahului	Maui	12/21/94	Low		Low
Selland Construction, Inc., Kihei Base Yard	Ohukai Road Base Yard	Kihei	Maui	7/6/95	Low		Low
Kaluakoi Hotel - Kualapuu Well 17 Molokai			Molokai			Mike Cripps	Medium
2002 Kalakaua	2002 Kalakaua Ave	Honolulu	Oahu	7/17/97	Low		
ABC Chemical Corporation	94-131 Leowaena St., 94-085 Le	Waipahu	Oahu	2/18/97	NFA		Low
Aircraft Reclamation (Pharmacy Area) AOC KNMD-EA12			Oahu	4/15/96	Medium	Greg Olmsted	
Aloha Tower Development	Piers 8-14, Nimitz Hwy.	Honolulu	Oahu	12/15/95	Medium	Bryce Hataoka	
Amelco Corporation	645 Halekauwila St.	Honolulu	Oahu	6/27/94	Low		Medium
American Linen (Young's Laundry & Dry Cleaning)	2771 Waiwai Loop	Honolulu	Oahu	4/15/96	NFA	Tricia Nagatani	Medium
Barbers Point Naval Air Station, Ordy Pond		Honolulu	Oahu	11/20/95	Medium	Curtis Moore	
Barbers Point Naval Air Station-Former Sewage Treatment Plant			Oahu	1/29/96	Low		

Site Name				ISST Date	ISST Priority	Manager	Priority
Barbers Point Naval Air Station; Coral Pit, Ordnance Pond, Sanitary Landfill	Barbers Point	Barbers P	Oahu	7/6/95	Medium		Medium
Battery Acid Neutralization Shop/Building 2002 (KNMD-EA05)			Oahu	1/29/96	Medium	Greg Olmsted	
Brewer Chem Corp	311 Pacific St	Honolulu	Oahu	12/29/95	Medium	Bryce Hataoka	Medium
Brewer Chemical Corporation	Kaomi Loop Rd	Ewa Beac	Oahu	12/29/95	Low		
Camp H. M. Smith	Halawa Heights Headquarters Ro	Aiea	Oahu	4/15/96	Medium	Mike Miyasaka	
Chemwood Treatment Co, Inc.	91-476 Komohana St, Campbell	Ewa Beac	Oahu	4/12/96	Low		
Chevron USA Hawaiian Refinery	91-480 Malakole Rd	Ewa Beac	Oahu	12/29/95	Medium		
City & County Waste Water Division Maintenance Yard	98 Koula St	Honolulu	Oahu		Active		Medium
Cyprus Hawaiian Cement Corp	91-055 Kaomi Loop	Ewa Beac	Oahu	12/2/96	Low		
Defense Reutilization & Mktg. Reg. - Pac DRMO Manana Storage Area	P.O. Box 580	Pearl City	Oahu	3/2/95	Medium	Mike Miyasaka	
Del Monte Corp. (Oahu Plantation)	927 Luawai St	Kunia	Oahu	9/7/95	High	Bryce Hataoka	High
Dillingham and Mokauea			Oahu	10/29/96	Low		Low
Dole Pineapple Cannery Dole Packaged Foods	801 Dillingham Blvd.	Honolulu	Oahu	12/15/95	Low		Low
Ewa Sugar Mill/Oahu Sugar Co.	Renton Rd.	Ewa Beac	Oahu			Greg Olmsted, Ross	High
Farrington High School	1564 North King Street	Honolulu	Oahu	12/21/95	Low	Sheila Mackenzie	Low
Flynn-Lerner Property	120 Sand Island Access Rd.	Honolulu	Oahu	12/16/94	High	Mike Miyasaka	High
Fred L. Waldron, Ltd	91-254 Olai Street	Kapolei	Oahu	4/15/96	Low		
Grace Pacific Corporation	99-1300 Halawa Valley St	Aiea	Oahu	7/15/97	Low	Amy Baylor	
Hakuyosha Hawaii, Inc.	730 Sheridan St.	Honolulu	Oahu	3/3/95	Medium		Medium

Site Name				ISST Date	ISST Priority	Manager	Priority
Halawa Stream Channel Petroleum Contamination			Oahu	6/27/97	Medium	Ross Kuge	Medium
Halemaka Street/Kuntz Avenue Motor Pool (AOC KNMD-EA58)			Oahu	1/12/96	Low		
Hawaii Job Corps Center	7600 Koko Head Park Road	Honolulu	Oahu	8/25/97	Low		
Hawaii Meat	711 Middle St.	Honolulu	Oahu			Terry Corpus	Medium
Hawaii Metals Recycling		Honolulu	Oahu	2/15/96	High	Bill Perry, Bryce Hat	High
Hawaii Project Management	Kaomi Loop Road	Kapolei	Oahu	12/21/94	Low		Low
Hawaii Project Management (HPM)/Hawaiian Western Steel, Inc. Beach Dump	Kaomi Loop	Honolulu	Oahu	6/27/97	Low		Low
Hawaiian Electric Co.-Honolulu Generating Station	170 Ala Moana Blvd	Honolulu	Oahu	3/11/96	Low		
Hawaiian Sugar Planter's Association Kunia Substation	Kunia Road	Kunia	Oahu	1/29/96	Medium	Laura Young	
Hawaiian Western Steel Dump	Hanua St & Malakole St.	Ewa Beac	Oahu	6/26/97	Low		
Hawaiian Western Steel Limited	91-150 Hanua St.	Ewa Beac	Oahu	4/29/96	Low		
Honolulu International Airport	Honolulu Intl Airport	Honolulu	Oahu	2/23/95	Medium		Medium
Honolulu Shipyard, Inc.	Ewa of Pier 40	Honolulu	Oahu	7/6/95	Low		Low
Honolulu Shipyard, Inc. (Ewa of Pier 40)	Ewa of Pier 40	Honolulu	Oahu	7/28/94	Low		Low
Honolulu Skeet Club			Oahu	3/25/96	Low		Active
Industrial Waste Treatment and Disposal/Building 2016 (KNMD-EA09)			Oahu	1/29/96	Medium	Greg Olmsted	
Jackson Construction Landfill	North end of Hananui Street	Ewa Beac	Oahu	2/8/96	Low		
Kaiser Cement Corp. Waianae Pt	Lualualei Access Road East of F	Nanakuli	Oahu	4/15/96	High	Laura Young	

Site Name				ISST Date	ISST Priority	Manager	Priority
Kapalama Incinerator	757 Kokea Street	Honolulu	Oahu	5/2/97	Medium	Kathi Moore/Charle	
Keehi Lagoon Canoe Facility	Runs along Hoonee Place to Pier		Oahu		Medium	Ross Kuge	Medium
King Kalakaua Plaza (Waikiki Gateway Park)	Kalakaua and Kalaimoku Streets	Honolulu	Oahu	11/17/95	Medium	Greg Olmsted	Medium
Kipapa and Waikakalaua FSA and Hickam POL			Oahu	11/9/95	High	Greg Olmsted	High
Kumumauu Canal (KNMD-SD03)			Oahu	11/20/95	Medium	Greg Olmsted	
Kunia Field Station	Kunia Road	Kunia	Oahu	2/2/95	Medium		Medium
Kuntz Avenue Entrance Dump Area (AOC KNMD-EA39)			Oahu	2/15/96	Low		
Kuntz Avenue Entrance Salvage Yard (AOC KNMD-EA44)			Oahu	2/15/96	Low		
Leach Field, Industrial Waste Disposal AOC KNMD-EA38			Oahu	4/15/96	Medium	Greg Olmsted	
Leeward Auto Wreckers, Inc.	91-209 Kuhela St.	Ewa Beac	Oahu	2/12/96	Medium		
Maili Kai Emergency Access Road	Hakimo Road (Mauka)	Waianae	Oahu	9/24/97	Medium	Charley Langer	
Manuwai Canal Storm Drainage System (KNMD-SD02)			Oahu	11/9/95	Medium	Greg Olmsted	
MCBH Kaneohe, Building 1091 Oil Transfer Area			Oahu	11/20/95	Low		
MCBH Kaneohe-Firebomb Mixing Area			Oahu	12/27/95	Medium	Curtis Moore	
MCBH Kaneohe-Skeet Shooting Range		Kaneohe	Oahu	12/29/95	Medium	Curtis Moore	
Meadow Gold Ice Cream Plant Fuel Oil Spill	1418 Young St	Honolulu	Oahu	6/27/97	Low	Kathi Moore	Low
Motor Pool Storm Drain (KNMD-SD04)			Oahu	11/20/95	Medium	Greg Olmsted	

Site Name				ISST Date	ISST Priority	Manager	Priority
Nanakuli Groundwater Contamination			Oahu	4/15/96	High	Amy Baylor	
Old HIANG Area Contaminated Soils (KNMD-EA11)			Oahu	1/29/96	Medium	Greg Olmsted	
Pauley Petroleum, Pier 32-33, Honolulu Harbor			Oahu	7/28/95	Medium		Medium
Pearl City Junction	Kamehameha Hwy.	Pearl City	Oahu	8/31/95	Medium		Medium
Pearl City Peninsula, Department of the Navy, Pearl Harbor Naval Center			Oahu	3/2/95	Medium	Curtis Moore	Medium
Pearl Harbor Naval Base, Subsurface Oil			Oahu		Medium		Medium
Pearl Harbor Naval Center, Aiea Laundry			Oahu		Medium		Medium
Pearl Harbor Naval Center, Battery Acid Pit			Oahu	3/30/95	Medium		Medium
Pearl Harbor Naval Center, Ewa Junction FDF			Oahu	3/30/95	Medium		Medium
Pearl Harbor Naval Shipyard, Building 8	Pearl Harbor Naval Shipyard	Pearl Harb	Oahu	8/31/95	Medium		Medium
Pearl Harbor Naval Shipyard, Oscar 2 Pier	Pearl Harbor Naval Shipyard	Pearl Harb	Oahu	8/31/95	Medium		Medium
Pearl Harbor Sediment Study, Department of the Navy, Pearl Harbor Naval Center			Oahu	3/2/95	Medium	Mike Miyasaka	Medium
Pesticide/Herbicide Vehicle Wash Area (near Building 1220) KNMD-EA08			Oahu	4/15/96	Low		
Pesticide/Herbicide Vehicle Wash Rack AOC KNMD-EA07			Oahu	4/15/96	Medium	Greg Olmsted	
Pier 34-35 Scrap Metal Pile			Oahu	10/29/96	Medium		Medium

Site Name				ISST Date	ISST Priority	Manager	Priority
Pukoloa Wood Treating Site (formerly Servco Pacific Inc.)	2819/2841 Pukoloa Street	Honolulu	Oahu	11/15/96	Medium	Amy Baylor	
Queen Emmmalani Tower	Queen & South Streets	Honolulu	Oahu	4/29/96	Low		
Red Hill Facility			Oahu		Medium	Mike Miyasaka	Medium
Roberts Hawaii	759 Kelikoi St.	Honolulu	Oahu	11/15/96	Low		
Schofield Barracks, NCO Academy, Building 6055	East Range, Building 6055	Wahiawa	Oahu	3/6/95	Low		Low
South Tributary to the Kumumau'u Canal KNMD-EA70			Oahu	4/15/96	Medium	Greg Olmsted	
Texaco Terminal	91-119 Hanua St.	Ewa Beac	Oahu	4/15/96	Medium	Laura Young	
Towco - Sand Island; Associated with Driveline Components			Oahu	12/21/94	Low		Low
Town Inn	1200 College Walk	Honolulu	Oahu	3/2/95	Low		Low
Transportation Squadron Contaminated Soil (KNMD-EA06)			Oahu	1/29/96	Medium	Greg Olmsted	
Tributary to Kumumau'u Canal, South of Old HIANG Area AOC KNMD-EA20			Oahu	4/15/96	Medium	Greg Olmsted	
Tripler Army Medical Center, Building 125A	Tripler Army Medical Center, Buil	Honolulu	Oahu	3/2/95	Low		Low
U.S. Coast Guard Omega Station	Kaneohe	Kaneohe	Oahu	12/29/95	Low		
University of Hawaii, Marine Center		Honolulu	Oahu	7/6/95	Low		Low
Waiawa Gulch	Pearl City Industrial Park Installat	Pearl City	Oahu	11/20/95	Medium		
Wash Racks/Building 2025 and Near Building 1055 (KNMD-EA22)			Oahu	1/29/96	Medium	Greg Olmsted	Medium
Waterfront Manor	96-023 Waiawa Rd.	Pearl City	Oahu	10/19/95	Medium	Mike Miyasaka	Medium