

INTERIM
FINAL



Technical Guidance Manual for the Implementation of the Hawai'i State Contingency Plan

SECTION 2

EMERGENCY RESPONSE AND THE SITE DISCOVERY, INVESTIGATION, AND CLEANUP PROCESS UNDER HAWAI'I ADMINISTRATIVE RULES CHAPTER 11-451, THE STATE CONTINGENCY PLAN



CONTENTS

Acronyms and Abbreviations.....2-4

2.0 Emergency Response and the Site Discovery, Investigation, and Cleanup Process2-5

2.1 State Contingency Plan.....2-6

2.2 Site Discovery2-7

2.3 Emergency Response2-8

2.3.1 Emergency Response Actions2-10

2.3.1.1 Release Notification2-11

2.3.1.2 When and How to Notify on Releases of Hazardous Substances2-11

2.3.1.3 Reportable Quantities of Hazardous Substances2-12

2.3.1.4 Releases of Mixtures or Solutions of Hazardous Substances2-13

2.3.1.5 Releases of Hazardous Waste2-13

2.3.1.6 Exemptions for Release Notification.....2-14

2.4 Non-Emergency Environmental Cleanups2-16

2.4.1 Site Discovery for Environmental Cleanups2-18

2.4.2 Site Listing2-19

2.4.3 Site Prioritization2-20

2.4.4 Site Assessment2-21

2.4.5 Response Actions2-23

2.4.5.1 Response Action Determination and Response Options.....2-23

2.4.5.2 Removal Actions2-25

2.4.5.3 Remedial Actions2-27

2.4.6 Public Participation.....2-28

2.4.6.1 Public Notices2-29

2.4.6.2 Public Meetings.....2-31

2.4.6.3 Response to Public Comments2-32

2.5 Site Closure.....2-34



Section 2
**Emergency Response and the Site Discovery,
Investigation, and Cleanup Process**
Contents

References2-36

APPENDICES

2-A Hazardous Substance Release Notification and Inventory Guideline 2-A-1
2-B Hazardous Substance Release Notification Guideline 2-B-1
2-C Reportable Quantities (Sorted by Chemical Abstract Number) 2-C-1
2-D Reportable Quantities (Sorted by Chemical Name) 2-D-1

FIGURES

2-1 Overview of the Site Discovery, Investigation and Cleanup Process for Non-emergency Environmental Cleanups2-18
2-2 Differences in Required Documentation for Response Action Options2-23
2-3 Differences in Public Participation for Response Action Options2-24



ACRONYMS AND ABBREVIATIONS

CAS	Chemical Abstract Number
CERCLA	Comprehensive Environmental Response, Compensation & Liability Act (also known as the Federal Superfund Law)
Draft RAM	Draft Response Action Memorandum
EAL	HEER Office Interim Final Environmental Action Level
EHE	Environmental Hazard Evaluation
EP&R	HEER Office Emergency Preparedness and Response Section
FIFRA	Federal Insecticide, Fungicide, and Rodenticide Act
Final RAM	Final Response Action Memorandum
HAR	Hawai'i Administrative Rules
Hawai'i SCP	Hawai'i State Contingency Plan (HAR Chapter 11-451)
HDOH	Hawai'i Department of Health
HEER Office	HDOH Hazard Evaluation and Emergency Response Office
HRS	Hawai'i Revised Statutes
LEPC	Local Emergency Planning Committee
LOC	Letter of Completion
NFA	No Further Action
NRC	National Response Center
OEQC	HDOH Office of Environmental Quality Control
RAA	Remedial Alternatives Analysis
RAR	Removal Action Report
RI	Remedial Investigation
SDAR	HEER Office Site Discovery, Assessment and Remediation Section
TCLP	Toxicity Characteristic Leaching Procedure
USEPA	United States Environmental Protection Agency
VRP	HEER Office Voluntary Response Program



2.0 EMERGENCY RESPONSE AND THE SITE DISCOVERY, INVESTIGATION, AND CLEANUP PROCESS

This section provides details of the state rules and processes used by the Hawai'i Department of Health (HDOH) Office of Hazard Evaluation and Emergency Response (HEER Office) to address both Emergency Responses and longer term Environmental Cleanups of hazardous substance releases (or threats of releases) under Hawai'i Administrative Rules – Chapter 11-451 the State Contingency Plan. Steps in this process include initial discovery of sites followed by immediate action to address and close most Emergency Response scenarios. For longer term Environmental Cleanups, steps also typically include listing and prioritizing a site, followed by site assessment, response actions and public participation (as appropriate), and finally site closure.