

## LETTER OF PROMULGATION

1. The Prince William Sound Subarea Contingency Plan is the guideline for establishing operations in the event of a major response effort to an oil spill or hazardous material release. This volume supplements the *Alaska Federal/State Preparedness Plan for Response to Oil and Hazardous Substance Discharges/Releases* (Unified Plan).
2. Information contained herein will be disseminated to agencies and personnel involved in various response and cleanup activities.
3. The Prince William Sound Subarea Contingency Plan is the result of a joint planning effort. Members of the U.S. Environmental Protection Agency, U.S. Coast Guard, Alaska Department of Environmental Conservation, U.S. Department of Interior, and numerous other Federal, State, local, Native and industry participants contributed to this document.
4. We solicit comments and recommendations to improve this plan. Please forward your comments to any of the following agencies:

Alaska Department of Environmental Conservation  
Prevention and Emergency Response Program  
555 Cordova Street  
Anchorage, Alaska, 99501

United States Coast Guard  
Captain of the Port Prince William Sound  
P.O. Box 486  
Valdez, AK 99686

United States Environmental Protection Agency (Alaska Operations Office)  
411 W 4th Avenue, Suite 2-C  
Anchorage, AK 99501

*Signed*

---

Carl Lautenberger  
Federal On-Scene Coordinator, USEPA  
Region X (Alaska Operations Office)

*Signed*

---

Commander Ronald J. Morris  
Federal On-Scene Coordinator, USCG  
Captain of the Port Prince William Sound

*Signed*

---

Brad Hahn  
State On-Scene Coordinator, ADEC  
Central Alaska Response Team

***(This page intentionally blank)***

# PRINCE WILLIAM SOUND SUBAREA CONTINGENCY PLAN

## TABLE OF CONTENTS

Letter of Promulgation .....	<i>i</i>
Table of Contents .....	<i>iii</i>
UNIFIED PLAN AND SUBAREA CONTINGENCY PLAN DESCRIPTIONS .....	<i>vii</i>
Record of Changes .....	<i>ix</i>
State of Alaska Oil and Hazardous Substance Spill Notification Placard .....	<i>xi</i>
Federal National Response Center Reporting Placard .....	<i>xiii</i>

### **RESPONSE**

PART ONE	Emergency Notification Lists .....	A-1
PART TWO	Emergency Response Procedures .....	A-7
PART THREE	Operation Checklists .....	A-9
	A. Initial Response .....	A-10
	B. Response Strategy .....	A-12
	C. Containment and Cleanup .....	A-13
	D. Removal and Waste Disposal .....	A-15
	E. Secure Operations .....	A-16
	F. Cost Recovery/Documentation .....	A-17
	G. Health and Safety .....	A-18
	H. Dispersants .....	A-19
	I. <i>In Situ</i> Burning .....	A-30
	J. Public Affairs .....	A-31

### **RESOURCES**

PART ONE	Logistics .....	B-1
	A. Deployment .....	B-1
	B. Personnel .....	B-2
	C. Communications .....	B-3
	D. Command Centers .....	B-12
PART TWO	Equipment .....	B-21
	A. Government .....	B-23
	B. Commercial/Contractor .....	B-24
	C. Industry Co-op .....	B-27
	D. Facility .....	B-28
PART THREE	Personnel and Information Directories .....	B-29
	A. Regional On-Scene Coordinator Personnel .....	B-29
	B. Police and Fire Departments .....	B-30
	C. Hospitals .....	B-31
	D. Port Authority/Harbormasters .....	B-32
	E. Marine Pilots Association .....	B-32
	F. Salvage Companies/Divers .....	B-33
	G. Towing Companies .....	B-34

H.	Laboratories (statewide).....	B-35
I.	Water Intake/Use Facilities.....	B-36
J.	Airports/Landing Strips.....	B-37
K.	Trucking Companies/Car Rentals .....	B-37
L.	NOAA Weather Service.....	B-38
M.	Media .....	B-39
N.	Native Organizations/Tribal Governments .....	B-41
O.	Volunteer Organizations .....	B-41
P.	Natural Resource Trustees .....	B-42
Q.	Local Emergency Managers.....	B-43
R.	Local Environmental Groups .....	B-43
S.	Environmental/Health Interest Groups (statewide) .....	B-43
T.	Fishing Fleets/Organizations.....	B-44

PART FOUR	Information on Specific Locales .....	B-45
-----------	---------------------------------------	------

**HAZMAT**

PART ONE	Risk Assessment.....	C-1
	A. Facilities.....	C-1
	B. Transportation.....	C-1

PART TWO	Hazmat Response Capability.....	C-5
	A. Response Objectives .....	C-5
	B. Assessment of Response Capabilities .....	C-5

PART THREE	Hazards Analysis Summary.....	C-8
	A. Valdez .....	C-8
	B. Copper River/Glennallen .....	C-19

**SENSITIVE AREAS**

INTRODUCTION	.....	D-1
--------------	-------	-----

PART ONE	Initial Contacts .....	D-3
----------	------------------------	-----

PART TWO	Areas of Environmental Concern .....	D-7
	A. Background/Criteria.....	D-7
	B. Areas of Major Concern.....	D-8
	C. Areas of Moderate Concern .....	D-8
	D. Areas of Lesser Concern .....	D-9

PART THREE	Resource Sensitivity .....	D-10
------------	----------------------------	------

PART FOUR	Background Information .....	D-23
	Introduction .....	D-23
	Land Management Maps .....	D-26
	A. Land Management Designations .....	D-30
	B. Habitat Types.....	D-32
	C. Biological Resources .....	D-36
	1. Fish and Wildlife.....	D-36
	2. Vegetation.....	D-37

	D.	Human Use Resources .....	D-38
		1. Fish Hatcheries and Ocean Net Pens.....	D-38
		2. Aquaculture Sites .....	D-40
		3. Cultural Resources .....	D-44
		4. Subsistence and Personal Use Harvests .....	D-44
		5. Commercial Fishing .....	D-46
		6. Sport Fishing and Hunting .....	D-48
		7. Recreational Sites and Facilities .....	D-49
		8. Commercial Tourism .....	D-51
		9. Marinas and Ports .....	D-51
		10. Fish Processing .....	D-51
		11. Logging Facilities .....	D-52
		12. Water Intake/Use .....	D-53
	E.	Wind, Ice and Current Conditions .....	D-55
PART FIVE		Significant Data Gaps and Information Needs .....	D-58
PART SIX		Key References .....	D-59
ATTACHMENT ONE		Index Salmon Stream Escapement	
ATTACHMENT TWO		Harbor Seal and Sea Lion Sites	

**BACKGROUND**

PART ONE		Support Information .....	E-1
	A.	Subarea Plan .....	E-1
	B.	Subarea Description.....	E-1
	C.	Area of Responsibility .....	E-5
	D.	Multiagency Coordination Committee .....	E-6
	E.	Regional Citizens Advisory Council .....	E-8
	F.	Subarea Committee .....	E-9
PART TWO		Response Policy and Strategies .....	E-11
PART THREE		Area Spill History.....	E-13
	A.	Navigable Waters.....	E-14
	B.	Inland .....	E-16
ABBREVIATIONS & ACRONYMS		.....	E-19

**SCENARIOS**

PART ONE		Coastal Oil .....	F-1
	A.	Worst Case.....	F-1
	B.	Maximum Most Probable.....	F-5
	C.	Average Most Probable.....	F-6
PART TWO		Hazmat .....	F-9
	A.	Vessel Scenario - Worst Case .....	F-9
	B.	Inland Scenario - Maximum Most Probable .....	F-12
	C.	Inland Scenario - Average Most Probable .....	F-14

PART THREE	Inland Oil .....	F-15
	A. Worst Case .....	F-15
	B. Maximum Most Probable.....	F-18
	C. Average Most Probable.....	F-19

**GEOGRAPHIC RESPONSE STRATEGIES**

PART ONE	Copper River Delta and Flats .....	G-1
----------	------------------------------------	-----

## UNIFIED PLAN & SUBAREA CONTINGENCY PLAN DESCRIPTIONS

The Prince William Sound Contingency Plan is a supplement to the *Alaska Federal/State Preparedness Plan for Response to Oil & Hazardous Substance Discharges/Releases* (commonly referred to as the Unified Plan).

The Unified and the Subarea Contingency Plans represent a coordinated and cooperative effort by government agencies and were written jointly by the U.S. Coast Guard, the U.S. Environmental Protection Agency, and the Alaska Department of Environmental Conservation. The Oil Pollution Act of 1990 (OPA 90) requires the USCG and the USEPA to prepare oil spill response plans for the State of Alaska, which is designated as an entire planning region under Federal guidelines. Alaska statute requires the ADEC to prepare a state-wide master plan addressing oil and hazardous substance discharges. The Unified Plan meets those Federal and State planning requirements.

OPA 90 requires the development of Area Contingency Plans for the inland and coastal zones of each Federal region. For the Federal region of Alaska, there are three Coast Guard Captain of the Port (COTP) zones and one inland zone. The three Captain of the Port zones are: 1) Southeast Alaska; 2) Prince William Sound area; and 3) Western Alaska (which includes the rest of coastal Alaska from Cook Inlet out the Aleutians and north to the Beaufort Sea and the Canadian border). The inland zone is subdivided into two sectors: 1) the North Slope oil production area and the Trans-Alaska Pipeline System (TAPS) and 2) all other areas inland from the coastal zones.

Alaska statute divides the state into ten regions for oil and hazardous substance spill planning and preparedness. The USCG and the USEPA joined with the ADEC to use these ten regions for area planning instead of the Federal planning divisions since this would facilitate unified planning for the State of Alaska and prove more practical as well (for example, the huge COTP Western Alaska planning area is replaced by seven more manageable divisions). Because the State of Alaska is called a planning "region" under Federal planning guidelines and to avoid confusion with the other Federal term, "area contingency plans," these ten subordinate planning regions of the State are called "subareas" in the context of the Unified Plan.

The Unified Plan contains information applicable to pollution response within the entire State of Alaska and meets the pollution response contingency planning requirements applicable to the Federal and State governments. The plan provides broad policy guidance and describes the strategy for a coordinated Federal, State and local response to a discharge, or substantial threat of discharge, of oil and/or a release of a hazardous substance within the boundaries of Alaska and its surrounding waters.

Under both Federal and State law, the responsible party for an oil or hazardous substance incident is required to report the incident and mount a response effort to contain and cleanup the release. The Federal and State governments mandate response plans for oil tank vessels and facilities that have stringent spill response requirements. If the responsible party fails to respond adequately or if no responsible party can be identified, then the Federal and State governments will rely on the Unified Plan and the appropriate Subarea Contingency Plan for response protocols and guidance.

Whereas the Unified Plan contains general information for response efforts taking place anywhere in the State of Alaska, the Subarea Contingency Plan (SCP) concentrates on issues and provisions specific to its particular subarea. The Prince William Sound SCP focuses on the Prince William Sound region of the State including inland territories. The boundaries of this subarea are described in the Background Section of this plan. The Prince William Sound SCP provides information specific to the area, including emergency response phone numbers, available response equipment and other resources, specific response guidelines, and information on

hazardous substance presence and sensitive areas protection.

Alaska State statute mandates a public review of all new plans, an annual departmental review of these plans, and another public review whenever the plans are significantly revised. The ADEC offers a public review of these plans for a period of 30 to 60 days during which verbal and written comments are accepted. During this comment period, several public meetings are held at locations appropriate for the plan being reviewed. The Federal government does not require public review for any of its plans, though the USCG and the USEPA, as part of the Alaska unified planning process, do cooperate with the State of Alaska and participate in the public review process.

Neither the Federal nor the State government maintains a formal approval process for these plans. The Unified Plan and the SCPs are presented to the Alaska State Emergency Response Commission and the Alaska Regional Response Team for review and comment. Acceptance of the plan by the three plan holders - the USCG, the USEPA and the State of Alaska - constitutes approval of the plan.

The Unified Plan and the Prince William Sound Subarea Contingency Plan (as well as the other subarea plans) are available in electronic format on the Alaska Regional Response Team (ARRT) website at:

*<http://www.akrrt.org/plans.htm>*



**(This page intentionally blank)**



ALASKA DEPT OF ENVIRONMENTAL CONSERVATION



UNITED STATES COAST GUARD  
CAPTAIN OF THE PORT PRINCE WILLIAM SOUND



USEPA (REGION X)  
ALASKA OPERATIONS OFFICE

July 7, 1999

Dear Prince William Sound Subarea Contingency Plan Holder:

Attached is Change 1 to the Prince William Sound Subarea Contingency Plan (PWS SCP). The change includes a new section (Section G, Geographic Response Strategies (GRS)) that includes the tactics and strategies for responding to an oil or hazardous substance release at specific locations within the subarea. The GRS for the Copper River Delta and Flats region constitutes the first part of this new section.

Additionally, the remaining page changes to the plan provide updates to the existing procedures or resources listed in the plan. Changes on each page are denoted by a vertical line in the left margin. The entire plan will also be available for viewing at the Alaska Regional Response Team's website at: <http://www.akrrt.org/plans.html>

For your information, the PWS Subarea Committee and work groups will be re-convening this Fall to begin developing the next revision (Change 2) to the plan. We welcome any additional recommendations for improving the plan. Written comments should be sent to the following address:

ADEC Prevention Section (Attn: Larry Iwamoto)  
555 Cordova Street  
Anchorage, AK 99501

The written comments will be consolidated and presented to the PWS Subarea Committee and work groups for further discussion and action.

After posting this change, file this letter immediately following the Record of Changes page.

**(signed)**  
\_\_\_\_\_  
**CARL LAUTENBERGER**  
Federal On-Scene Coordinator, USEPA  
Region 10 (Alaska Operations Office)

**(signed)**  
\_\_\_\_\_  
**CAPTAIN RONALD J. MORRIS**  
Federal On-Scene Coordinator, USCG  
Captain of the Port, Prince William Sound

**(signed)**  
\_\_\_\_\_  
**BRAD HAHN**  
State On-Scene Coordinator (ADEC)  
Central Alaska Response Team

Encl: Change 1 to the PWS SCP

## Page Replacement Instructions

Remove the following pages and insert the updated/new pages as indicated below:

### Remove

iii thru viii

xi thru xii

Response Section, Title Page

A-1 thru A-4

A-7 thru A-12

A-15 thru A-38

Resources Section, Title Page

B-11 thru B-28

B-33 thru B-48

C-5 thru C-6

D-1 thru D-2

E-7 thru E-8

E-15 thru E-18

F-1 thru F-4

F-9 thru F-12

F-15 thru F-16

### Insert

iii thru viii

xi thru xiv

Response Section, Title Page

A-1 thru A-4

A-7 thru A-12

A-15 thru A-32

Resources Section, Title Page

B-11 thru B-28

B-33 thru B-98

C-5 thru C-6

D-1 thru D-2

E-7 thru E-8

E-15 thru E-18

F-1 thru F-4

F-9 thru F-12

F-15 thru F-16

GRS Section, Title Page

G-1 thru G-136

# REPORT ALL

# OIL AND HAZARDOUS SUBSTANCE SPILLS

ALASKA LAW REQUIRES REPORTING OF ALL SPILLS

**During normal business hours**

contact the nearest DEC Area Response Team office:

**Central Area Response Team: Anchorage**

**269-3063  
fax: 269-7648**

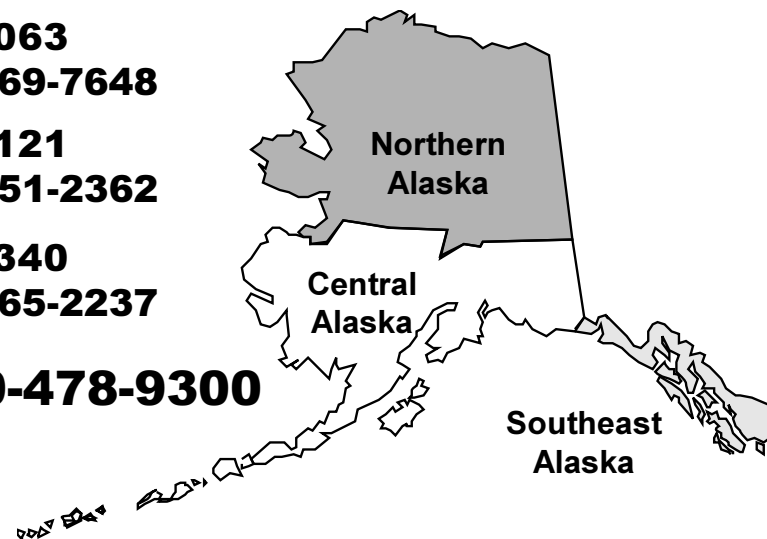
**Northern Area Response Team: Fairbanks**

**451-2121  
fax: 451-2362**

**Southeast Area Response Team: Juneau**

**465-5340  
fax: 465-2237**

**Outside normal business hours, call: 1-800-478-9300**



---

**Alaska Department of Environmental Conservation**  
Division of Spill Prevention and Response

Alaska Department of Environmental Conservation

# Discharge Notification and Reporting Requirements

AS 46.03.755 and 18 AAC 75.300-.307

Notification of a discharge must be made to the **nearest** Area Response Team during working hours:

Anchorage: 269-3063  
269-7648 (FAX)

Fairbanks: 451-2121  
451-2362 (FAX)

Juneau: 465-5340  
465-2237 (FAX)

OR

to the 24-Hour Emergency Reporting Number during non-working hours: **1-800-478-9300**

## Notification Requirements

### Hazardous Substance Discharges

Any release of a hazardous substance must be reported as soon as the person has knowledge of the discharge.

### Oil Discharges

#### ■ TO WATER

- Any release of oil to water must be reported as soon as the person has knowledge of the discharge.

#### ■ TO LAND

- Any release of oil in **excess of 55 gallons** must be reported as soon as the person has knowledge of the discharge.
- Any release of oil in **excess of 10 gallons but less than 55 gallons** must be reported within 48 hours after the person has knowledge of the discharge.
- A person in charge of a facility or operation shall maintain, and provide to the Department on a monthly basis, a written record of any discharges any discharge of oil **from 1 to 10 gallons**.

#### ■ TO IMPERMEABLE SECONDARY CONTAINMENT AREAS

- Any release of oil **in excess of 55 gallons** must be reported within 48 hours after the person has knowledge of the discharge.

## Special Requirements for Regulated Underground Storage Tank (UST) Facilities\*

If your **release detection system** indicates a possible discharge, or if you notice **unusual operating conditions** that might indicate a release, you must notify the Storage Tank Program at the nearest DEC Office **within 7 days**:

Anchorage: (907) 269-7504  
Juneau: (907) 465-5200

Fairbanks: (907) 451-2360  
Soldotna: (907) 262-5210

\*Regulated UST facilities are defined at 18 AAC 78.005 and do not include heating oil tanks.



# National Response Center

**1-800-424-8802**

**NRC Background**

**Reporting a Spill**

**Legislative Requirements**

**Chemical/Biological Hotline**

**Contacting The NRC**

**National Response System**

**Report Spills to the NRC at:**

**1 800 424-8802**

**The National Response Center is the SOLE national point of contact for reporting Oil, Chemical, Radiological and Biological discharges.**

**(This Page Intentionally Blank)**