

# ADEC Roles and Responsibilities

State of Alaska  
Department of Environmental Conservation  
Division of Spill Prevention and Response  
Prevention, Preparedness, and Response Program

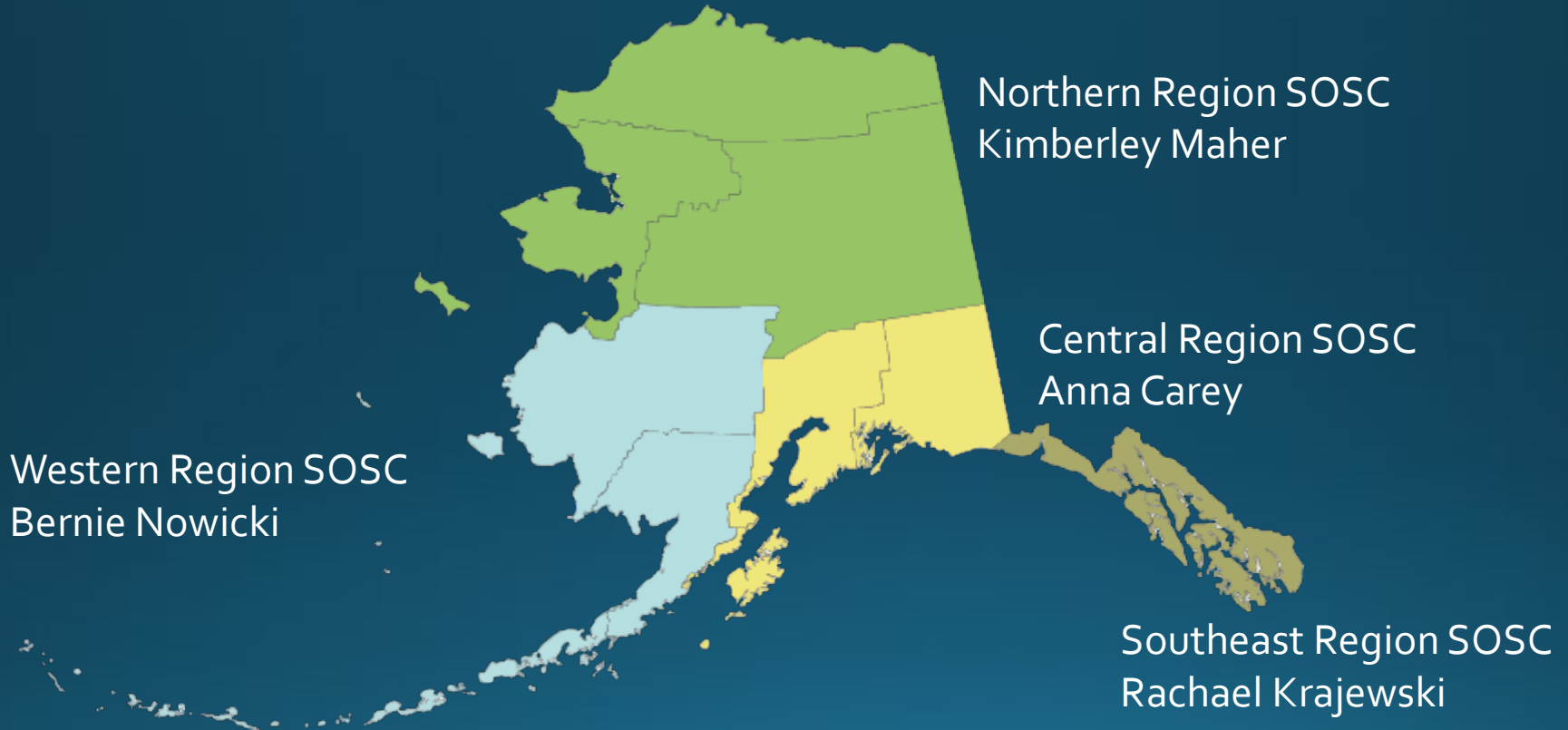


Alaska Department of Environmental Conservation  
Division of Spill Prevention and Response (SPAR)  
Prevention Preparedness and Response Program (PPRP)

The mission of the Prevention Preparedness and Response Program is to protect public safety, public health and the environment by preventing and mitigating the effects of oil and hazardous substance releases from both regulated and unregulated sources and ensuring their cleanup through government and industry planning and rapid response.

# PPR Regions: Areas vs Geographic zones

58 staff located  
in five offices are  
responsible for  
all Program  
duties.



State lands and State waters (3 miles offshore and all of PWS)

# Oil and Hazmat Spills in Alaska

**Alaska Statute (AS) 46.03.710:** "A person may not pollute or add to the pollution of the air, land, subsurface land, or water of the state."

- Average around 2000 reportable spills a year in Alaska
- ADEC staff perform field visits/phone follow-ups to roughly 750-800 of these spills.
- 25-30 spills are considered "significant" with Situation Reports generated.



# Areas of Risk Alaska



- Vessels transporting heavy and refined fuel
- Tanker Truck rollovers
- Oil Exploration and Production – onshore and offshore
- Pipelines
- Regulated Tank Farms and refineries
- Home heating oil tanks



# Prevention

Core elements of spill prevention include:

- Oil discharge prevention and contingency plans required under state law
  - AS 46.04.030
    - Terminals, pipeline and exploration
    - Tank Farms
    - Vessels
- Technical assistance to industry and the public
- Facility inspections
- Drills and exercises



# Preparedness

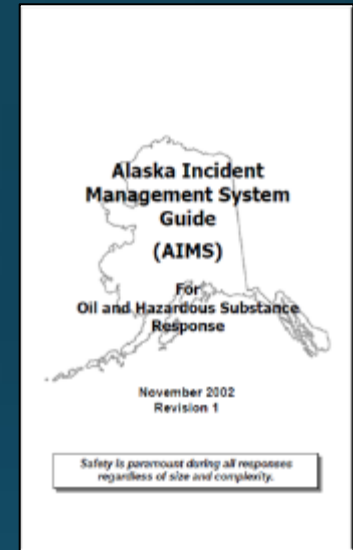
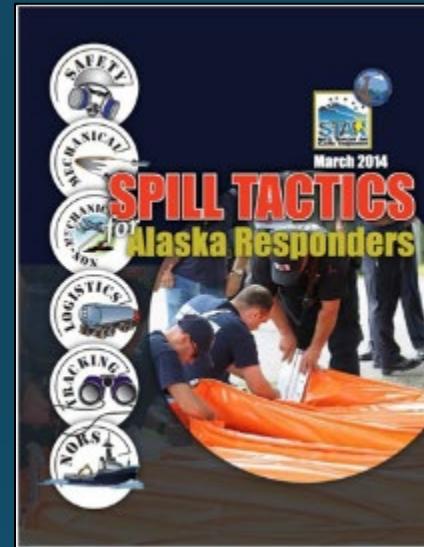
Core elements of PPR's role in preparedness include:

- Spill drills and exercises
- Partnerships with local communities and other government agencies
- Pre-positioning of response equipment
- Statewide and regional spill response plans
- Incident Command System for spill response
- Applications for proof of financial responsibility
- PRAC (oil spill primary response action contractors)



# Preparedness: Plans & Tactics

- Oil Discharge Prevention and Contingency plans
- Tactics manuals
- Alaska Regional Contingency Plan (RCP) and four Area Contingency Plans (ACP)
- Other State Resources
  - Spill Tactics for Alaska Responders (STAR) manual
  - Alaska Incident Management System (AIMS) Guide
  - Tundra Treatment Guidelines






# Spill Reporting

## Alaska Statute (AS) 46.03.755:

“A person in charge of a facility, operation, or vessel, as soon as the person has knowledge of any discharge from the facility, operation, or vessel ... shall immediately notify the department of the discharge.”

### Report Oil and Hazardous Substance Spills

<b>TOLL-FREE</b>	1-800-478-9300
<b>INTERNATIONAL</b>	1-907-269-0667
<b>ONLINE</b>	ReportSpills.alaska.gov



**It's Required by Alaska Law!**  
(AS 46.03.755, AS 46.03.450, 18 AAC 75.300, 18 AAC 75.325)

#### Oil and Petroleum Product Reporting

**Spills to Water**

- Any amount spilled to water must be reported **immediately**.

**Spills to Land**

- Spills in **excess of 55 gallons** must be reported **immediately**.
- Spills in **excess of 10 gallons but less than 55 gallons** must be reported within 48 hours.
- Facilities shall maintain a spill log and report a record of oil discharges from **1 to 10 gallons** monthly.

**Spills to Impermeable Secondary Containment**

- Spills in **excess of 55 gallons** must be reported within 48 hours.

#### Hazardous Substance Reporting


Any hazardous substance spill, other than oil, must be reported **immediately**.

#### Underground Storage Tank (UST)\* Reporting

You must report a suspected below ground release from a UST system, in any amount, within 24 hours. (18 AAC 78.212)

If a release is suspected the owner or operator of a UST shall investigate the UST site and shall report to the UST Unit within the period specified. (18 AAC 78.200)

Contact us: (907) 465-5250  
\* Regulated UST as defined in AS 46.03.450(8)



Alaska Department of Environmental Conservation  
Division of Spill Prevention and Response  
<https://spills.alaska.gov>

Revised 10/20/2022

# State's Main Response Functions

- Oversight
  - Determine adequacy of the response
  - Focal point of State authority (SOSC)
- Assistance
  - State coordination
  - Technical resource
- Response
  - Equipment and personnel



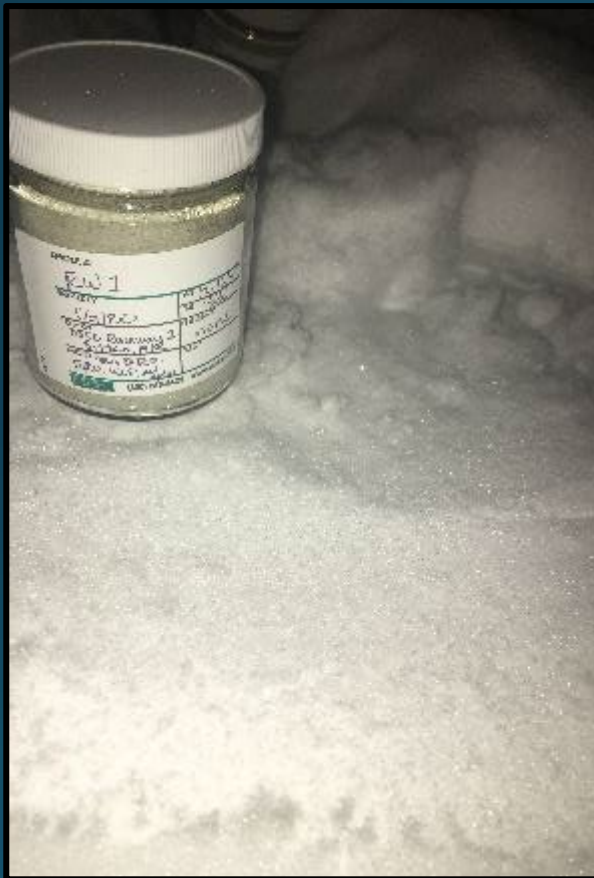
Alaska Statute(AS) 46.04.020

- “The containment and cleanup of discharged oil shall be carried out in a manner approved by the department.”
- “A person causing or permitting the discharge of oil shall immediately contain and clean up the discharge.”
- “If the department determines that containment or cleanup activities are not adequate, it may direct the person engaged in the activities to cease and may undertake the activities itself through contract or its own resources, or both.”



# Cleanup Levels

- 18 AAC 75.340-.341  
Soil Cleanup Levels



- 18 AAC 75.345  
Groundwater & Surface  
Water Cleanup Levels





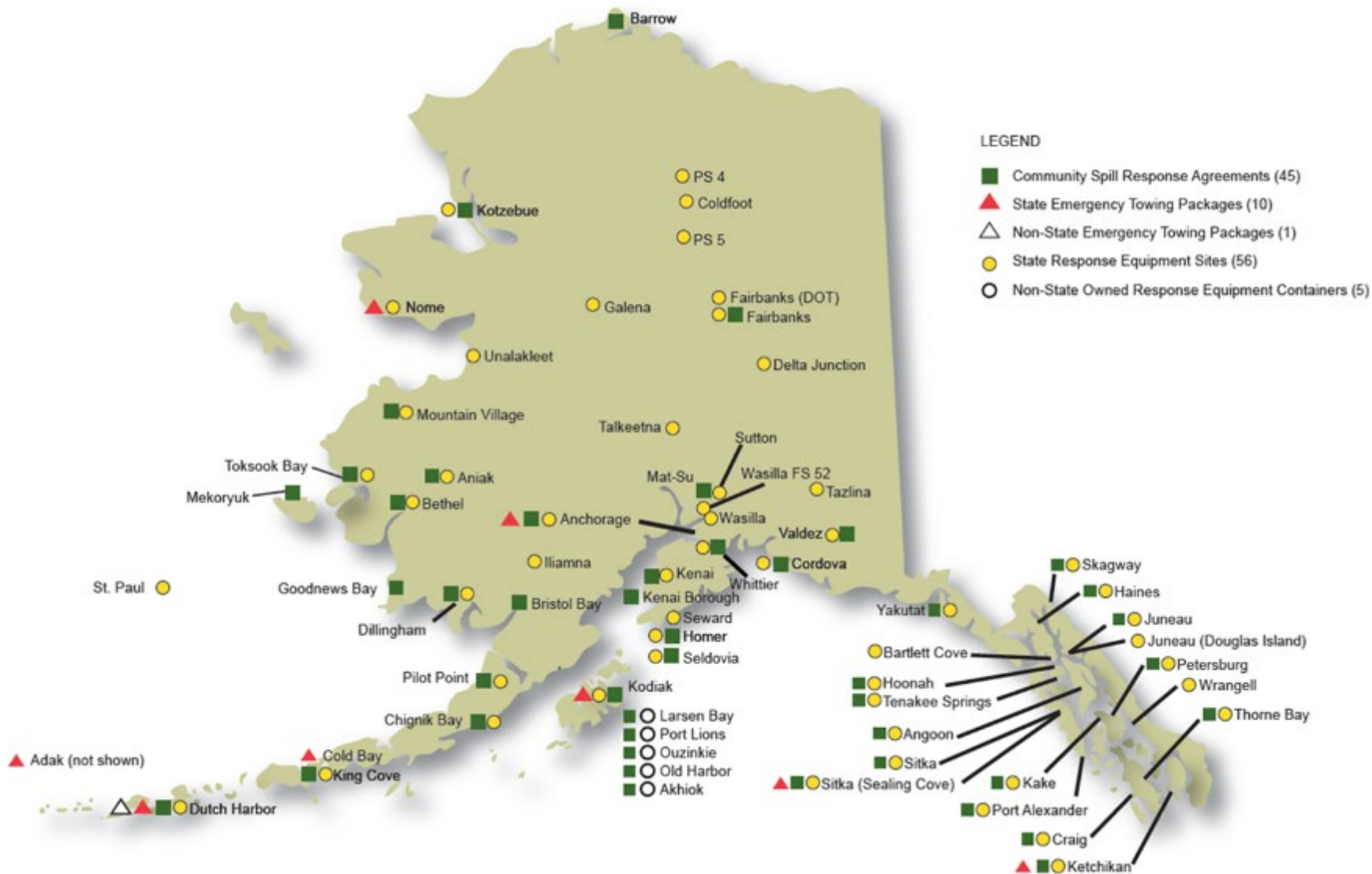
# State Local Response Containers

- Provides initial response assets



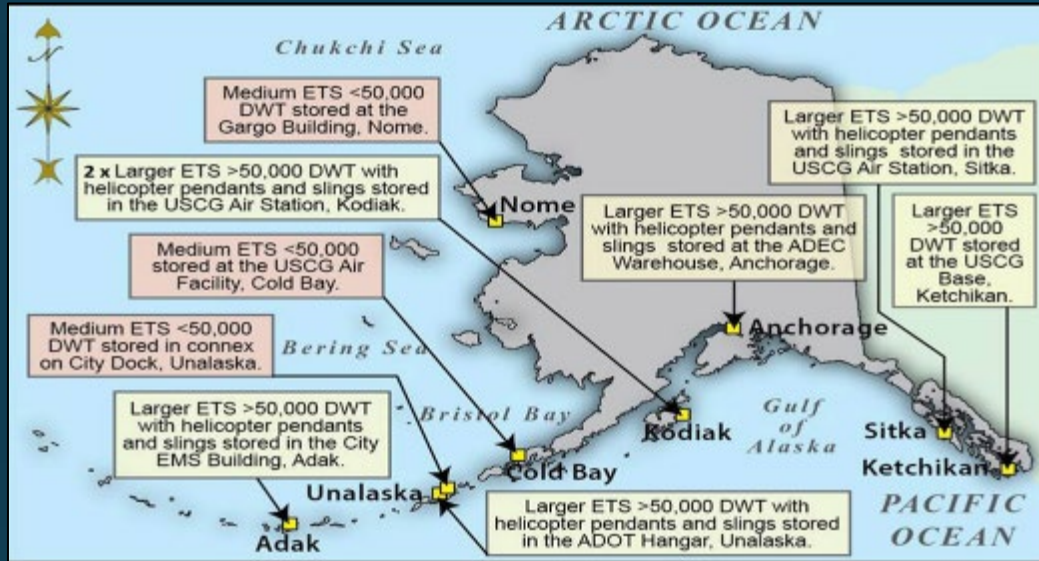
Map of Community Spill Response Agreements, Response Equipment Containers, and Emergency Towing Packages in Alaska

as of December 4, 2014





# Emergency Towing Systems



# Drones and Drone Pilots

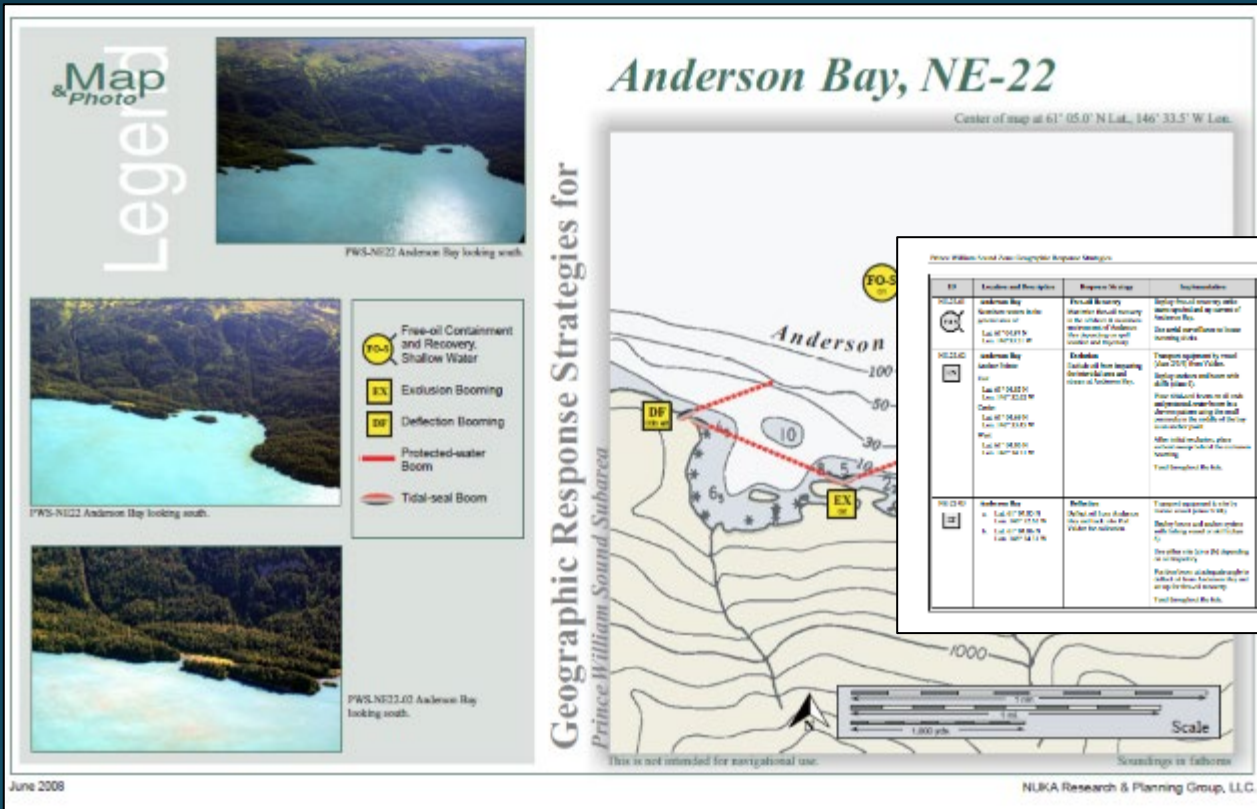




# Sensitive Area Protection



# Geographic Response Strategies



Prince William Sound Area Geographic Response Strategies

ID	Location and Description	Response Strategy	Implementation	Response Operation	Timing Notes	Key Assets	Response or Evacuated	Special Considerations
NE-22-01	<b>Anderson Bay</b> Anderson Bay looking west	<b>Free-oil Recovery</b> Free-oil recovery booms are deployed in a series of parallel lines.	Deploy free-oil recovery booms in a series of parallel lines. The booms are deployed in a series of parallel lines.	Deploy multiple parallel recovery booms in a series of parallel lines. The booms are deployed in a series of parallel lines.	Initial	Oil spill response team	None	Free-oil recovery booms are deployed in a series of parallel lines.
NE-22-02	<b>Anderson Bay</b> Anderson Bay looking south	<b>Exclusion</b> Exclusion booms are deployed in a series of parallel lines.	Deploy exclusion booms in a series of parallel lines. The booms are deployed in a series of parallel lines.	Deploy exclusion booms in a series of parallel lines. The booms are deployed in a series of parallel lines.	Initial	Oil spill response team	None	Exclusion booms are deployed in a series of parallel lines.
NE-22-03	<b>Anderson Bay</b> Anderson Bay looking south	<b>Deflection</b> Deflection booms are deployed in a series of parallel lines.	Deploy deflection booms in a series of parallel lines. The booms are deployed in a series of parallel lines.	Deploy deflection booms in a series of parallel lines. The booms are deployed in a series of parallel lines.	Initial	Oil spill response team	None	Deflection booms are deployed in a series of parallel lines.



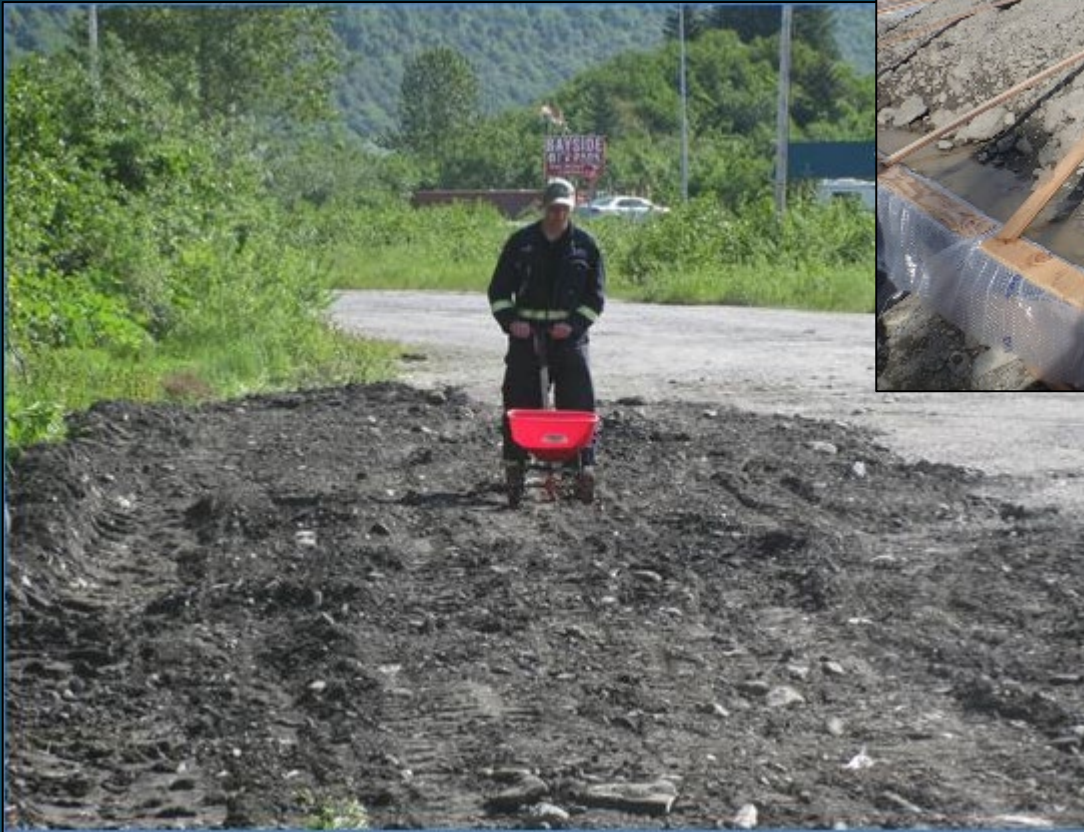
# Waste Management

Alaska Statute (AS) 46.04.020: "Wastes generated as a result of containment or cleanup activities shall be disposed of in a manner approved by the department."





# Landfarming



# Transport, Treatment, & Disposal Approval Form for Contaminated Media



ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
 DIVISION OF SPILL PREVENTION AND RESPONSE  
 Contaminated Sites and Prevention and Emergency Response Programs

## Transport, Treatment, & Disposal Approval Form for Contaminated Media

DEC HAZARD/SPILL ID #	NAME OF SPILL OR CONTAMINATED SITE	
SITE OR SPILL LOCATION		
CURRENT LOCATION AND TYPE OF CONTAMINATED MEDIA	SOURCE OF THE CONTAMINATION	
COMPOUNDS OF CONCERN	ESTIMATED VOLUME	DATE(S) GENERATED
POST TREATMENT ANALYSIS REQUIRED (such as GRO, DRO, RRO, BTEX, and/or Chlorinated Solvents)		
COMMENTS		

### Facility Accepting the Contaminated Media

NAME OF THE FACILITY	PHYSICAL ADDRESS/PHONE NUMBER
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### Responsible Party and Contractor Information

BUSINESS/NAME	ADDRESS/PHONE NUMBER
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Name of the Person Requesting Approval (printed)

Title/Association

Signature

Date

Phone Number

### DEC USE ONLY

Based on the information provided, ADEC approves transport of the above-described media for treatment in accordance with the approved facility operations plan. The Responsible Party or their consultant must submit to the DEC Project Manager a copy of weight/volume receipts of the loads transported to the facility and a post treatment analytical report. If the media is contaminated soil, it shall be transported as a covered load in compliance with 18 AAC 60.015.

DEC Project Manager Name (printed)

Project Manager Title

Signature

Date

Phone Number

# Oil water separators





# Smart Ash Burner



# Thanks for attending. Questions?



Contact us if you need anything.

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