

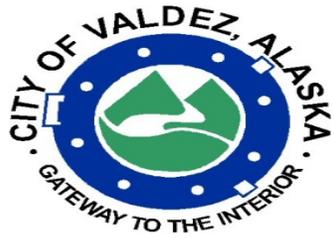
# HAZARDOUS MATERIALS STATEWIDE HAZMAT WORKGROUP



Jade Gamble  
ADEC Hazmat  
Team Coordinator  
April 4, 2016



Municipality of Anchorage



# Statewide Hazmat Response Work Group



**Elson AFB  
Fire/Hazmat**



Army Corps of Engineers

**AK Dept of Labor &  
Workforce Development**



**Elmendorf AFB  
Bio-Environmental  
Engineering Office**



**95th Chemical  
Company (U.S. Army)**



# STATEWIDE HAZMAT RESPONSE GOALS

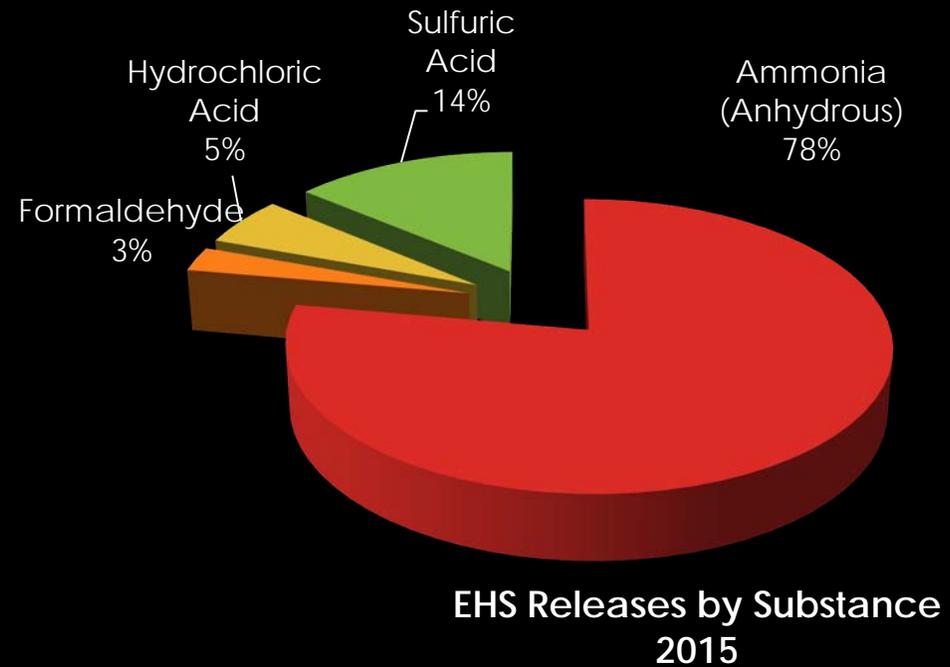
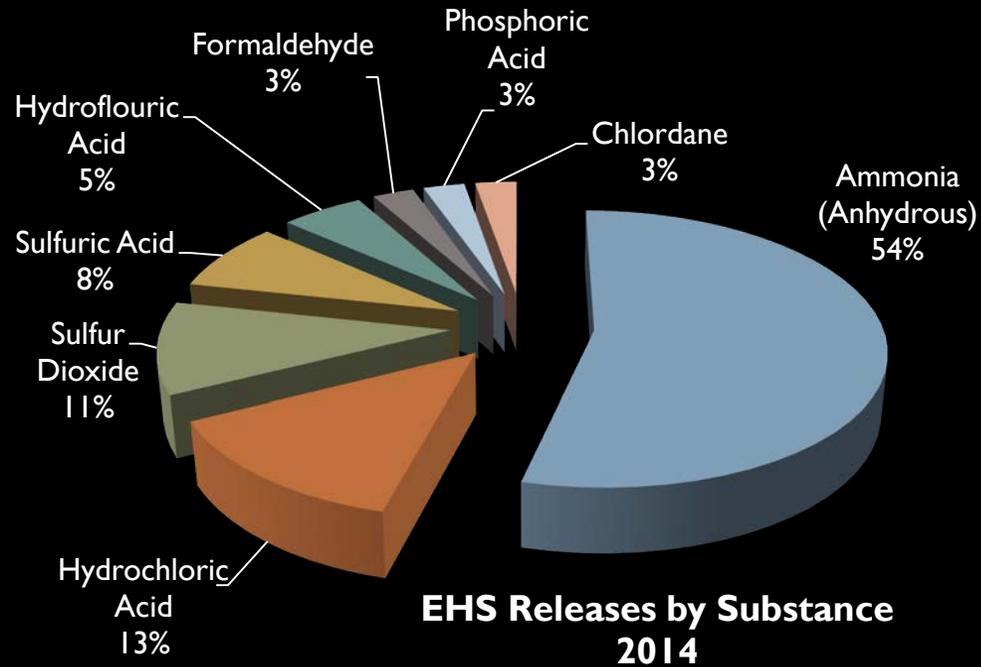
To protect public health and the environment from the effects of hazmat releases.

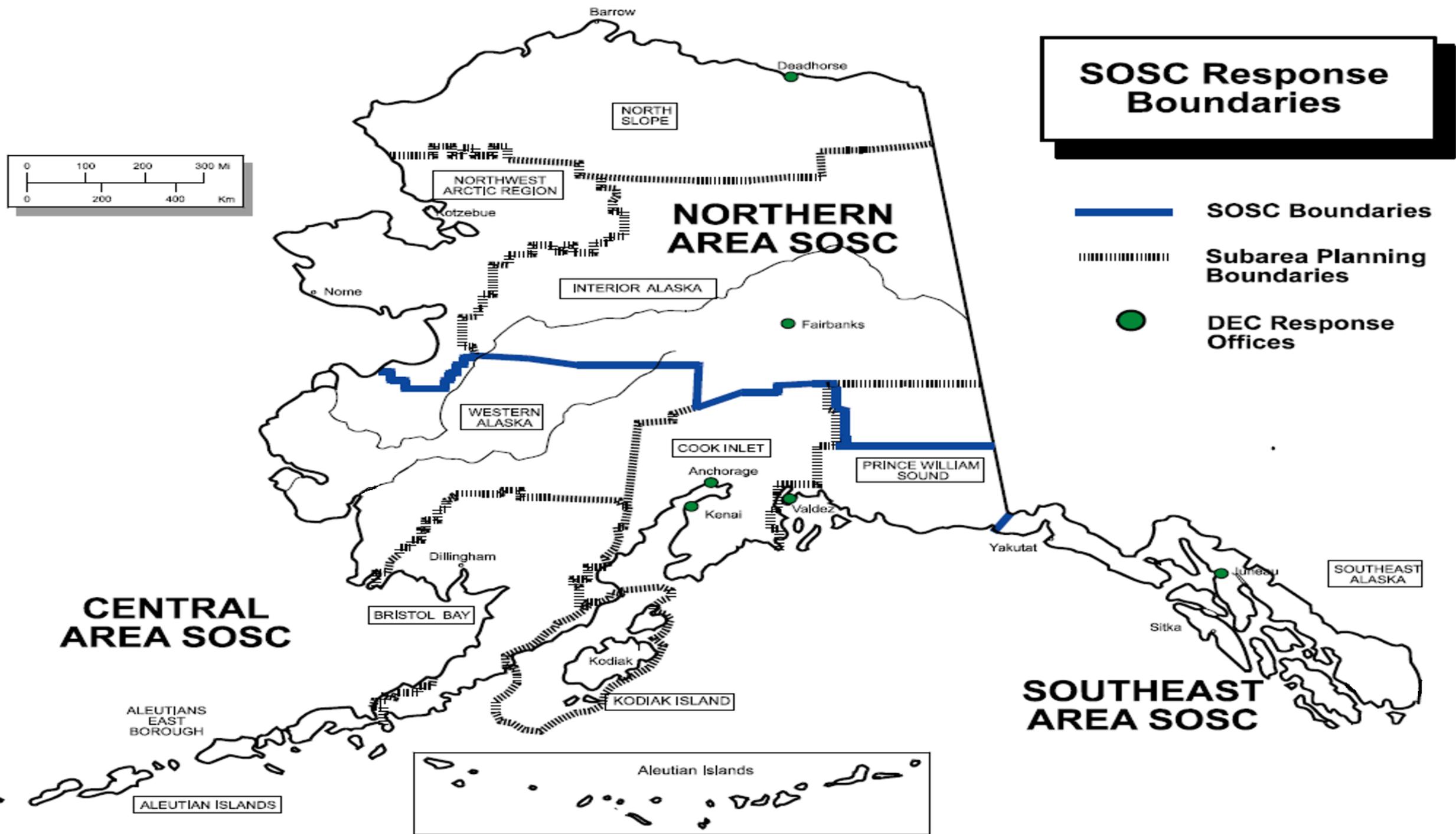
To establish an in-state hazmat response capability that will facilitate rapid response to Level A and B incidents in Alaska

To develop, maintain, and enhance existing hazmat prevention and response capabilities at the local level

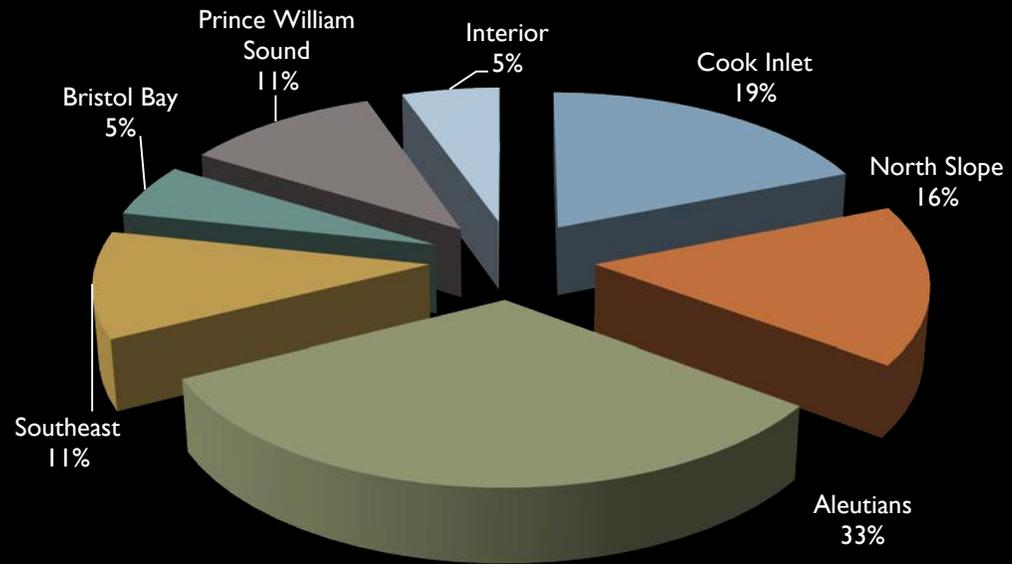
To develop and maintain effective response strategies and cooperative agreements that integrate local hazmat response capability into the State's response network

# EXTREMELY HAZARDOUS SUBSTANCE (EHS) RELEASES FOR 2014 & 2015

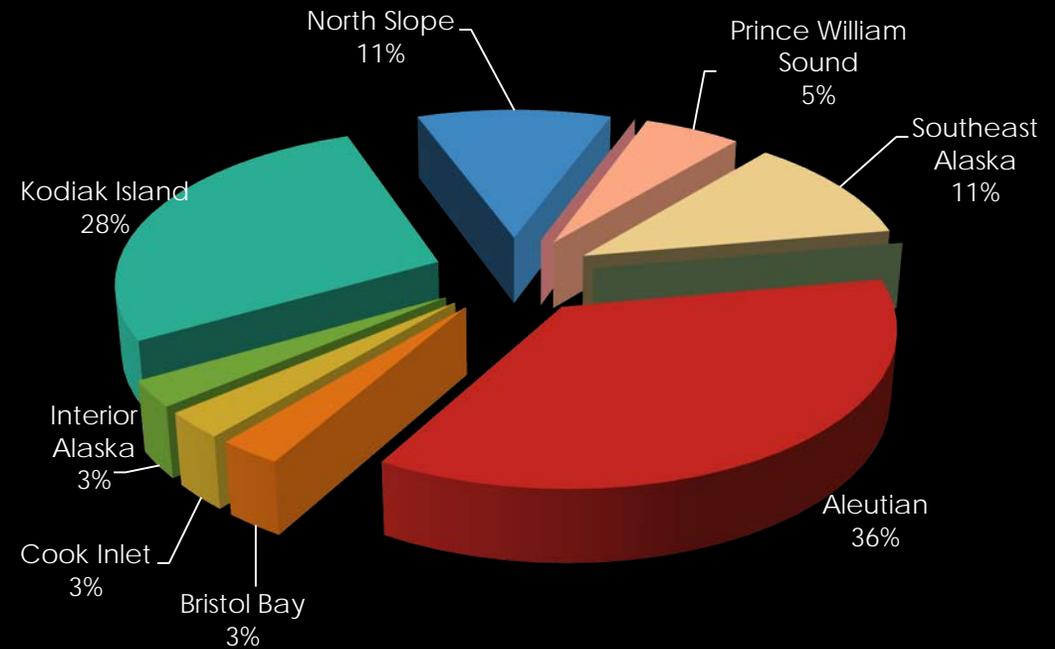




# EHS RELEASES BY SUBAREA



EHS Releases by Subarea  
2014



EHS Releases by Subarea  
2015

# EHS RELEASES BY CAUSE

2014

- "Structural/Mechanical" (70%)
- "Human Factors" (27%)
- "Other" (11%)

2015

- "Structural/Mechanical" (78%)
- "Human Factors" (17%)
- "Other" (5%)

- Examples of "Structural/Mechanical" causes include equipment failure, valve failure, and seal failure. "Human Factors" causes include cargo not secured and human error.

# PREPAREDNESS

Be familiar with the potential Hazmat release hazards in your area

- fixed facilities
- mobile facilities
- transportation routes

DMVA developed a Tier II Chemical Inventory Database.

Fire Departments and Local Emergency Planning Committees (LEPCs) have access to their communities information.

The screenshot shows the web interface for the Tier II Chemical Inventory Database. At the top, there is a navigation bar with links for 'State of Alaska', 'myAlaska', 'My Government', 'Resident', 'Business in Alaska', 'Visiting Alaska', and 'State Employees'. Below this is the header for the 'Alaska Department of Military & Veteran Affairs' with a search bar and a 'search' button. The main content area features a large banner with the title 'Tier II Chemical Inventory Details Main Page' and a home icon. On the left side, there is a sidebar with four buttons: 'User' (with a 'Log In' button), 'Tier II', 'Data', and 'Administration'. The main content area contains a welcome message: 'Welcome to the State of Alaska Tier II Database.' followed by a paragraph explaining the database's purpose as a joint project of the Alaska Department of Environmental Conservation and the Alaska Division of Homeland Security & Emergency Management. It also provides instructions on how to use the database, contact information for the LEPC and the Department of Environmental Conservation, and a 'Reference Links' section with links to the 'Community Right-to-Know Act' and 'Alaska Statute 29.35.500'. The footer contains the same navigation links as the top bar and a copyright notice for 2010.



# REPORTING A HAZARDOUS SUBSTANCE SPILL

Report the release immediately to  
the Federal and State authorities.

Alaska Department Environmental  
Conservation

1-800-478-9300

National Response Center

1-800-424-8802

Report releases suspected as  
terrorist or criminal activity  
to the State Emergency  
Operations Center 800-428-7000

# DEC 24 hr/7 day week spill reporting 800-478-9300

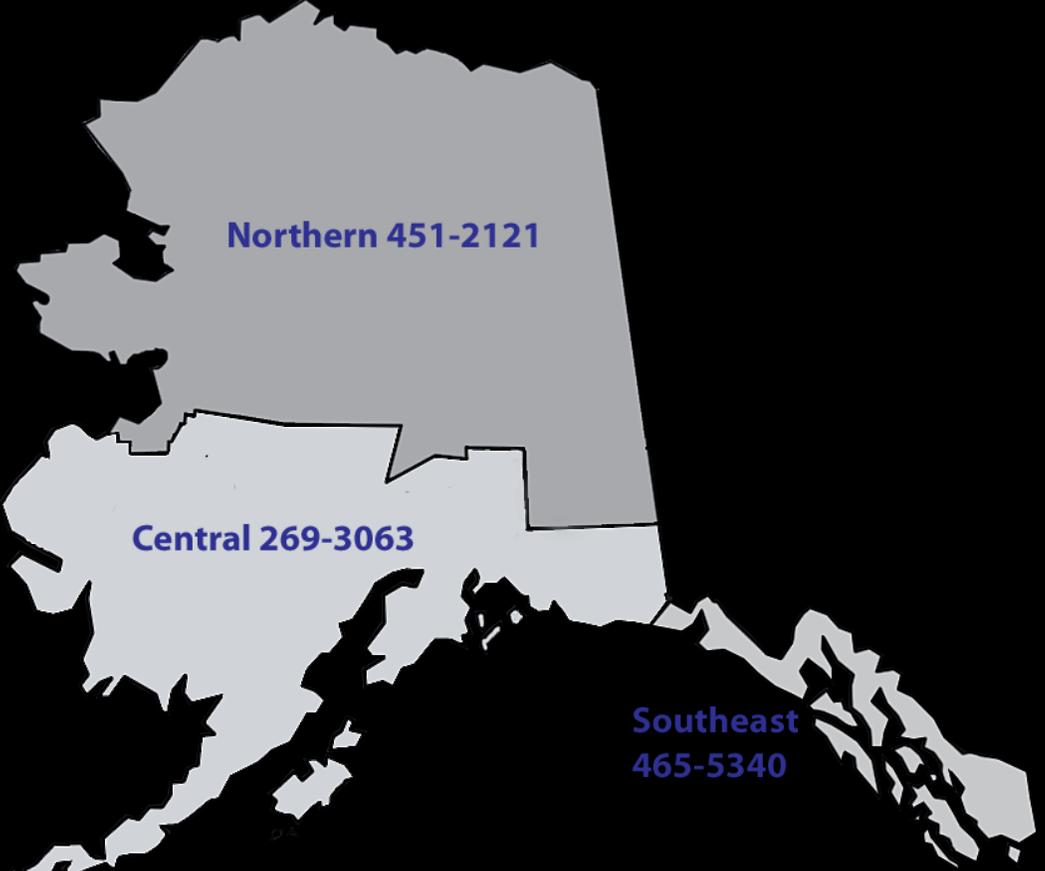
State of Alaska  
Dept. of Environmental Conservation  
Spill reporting

## Alaska Reporting Requirements

- Hazardous Materials – Any quantity; as soon as discharge occurs

## Petroleum

- to water - any quantity; as soon as discharge occurs
- To land – over 55 gal, as soon as possible, more than 10 but less than 55 gal, within 48 hrs, 1 to 10 gal within 30 days



# LOCAL ON-SCENE COORDINATOR

- Restrict access to the scene.
- Call for additional assistance, if required. Provide as much information as possible regarding the incident.
- Determine if general populace is at risk and either shelter in-place or evacuate the impacted area.
- Care for any injured personnel (do not attempt to initiate rescue if not properly equipped to enter the area)
- Coordinate with the Hazmat Team upon their arrival and brief on the actions taken.
- The Local On-Scene Coordinator or their designee is in charge unless he/she relinquishes on-scene command to arriving federal or state authorities.

# HAZMAT TEAM ACTIVATION



# Hazmat Incident Occurs

Notify  
Dept of Environmental Conservation  
&  
National Response Center

- ### Size Up
- Type of incident (Prolonged or Short Term?)
  - Incident location
  - Identify threat(s)
  - Requested support (emergency response or cleanup?)
  - Responsible party's capabilities

- SOSC provides Hazmat Team with
- activation request to area emergency services director
  - scope of work
  - hazmat team logistics coordination contact info

State On Scene Coordinator or designee (SOSC) makes hazmat team activation determination

YES

- ### Hazmat Team Lead
- Determines personnel and equipment required
  - Activates team members
  - Document expenditures and actions taken for reimbursement. **Retain All Receipts!**  
(taxi, plane, lodging, rental, start & stop time, etc)

- SOSC or their designee will lead State's response to incident and may
- provide technical assistance
  - determine need for term contractor support or other Hazmat Response Team

# STATE ON SCENE COORDINATOR

The SOSOC or their designee will provide the Hazmat Team Agency Director with an activation request that will include:

- hazmat team logistics coordination info and support
  - The SOSOC will ensure logistics position is filled or provide DEC Area response team member to assist Hazmat Team in coordinating travel, room and board for team members.
- scope of work issued to Hazmat Team's Agency Director

# SCOPE OF WORK



THE STATE  
of ALASKA  
GOVERNOR BILL WALKER

## Department of Environmental Conservation

DIVISION OF SPILL PREVENTION AND RESPONSE  
Prevention, Preparedness and Response Program  
43335 Kotliovsky Beach Rd Suite 11  
Soldotna, AK 99669  
Office: 907-262-5210  
Fax: 907-262-2294  
www.dec.alaska.gov

|  |                     |
|--|---------------------|
| <b>Incident Name/Number:</b>   |                     |
| <b>Date:</b>   | <b>Ledger Code:</b> |
| <b>Location:</b>   |                     |
| <b>Responsible Party:</b>  | <b>Phone:</b>       |
| <b>Name:</b>   |                     |
| XXXXXXXXXXXXX Hazmat Team  | Phone:              |
| <b>Point of Contact:</b>   |                     |
| <b>ADEC State On-Scene Coordinator</b>   | <b>Phone:</b>       |
| <b>Point of Contact:</b>   |                     |
| <b>EPA/USCG On-Scene Coordinator</b>   | <b>Phone:</b>       |
| <b>Point of Contact:</b>   |                     |
| <b>Potential hazards:</b>  |                     |
| <b>Scope Of Work</b>   |                     |
| The XXXXXXXX HazMat Team will provide all personnel, equipment and services to conduct the following operations;               |                     |
| Conduct site assessment of accident area to protect responders and the Public from the threat of chemical release of products. |                     |
| Conduct air monitoring or other assessment to determine actual or potential threat to the responders or public.                |                     |
| Determine potential methods or options for safely conducting source control.   |                     |
| Provide appropriate safe working and exclusion zones to protect responders and the public.                                     |                     |
| Provide technical assistance to responders on safe handling of spilled product.  |                     |
| Provide technical assistance for recovery of spilled product and contaminated snow and ice.                                    |                     |
| Provide technical assistance to Unified Command on spilled materials and threats to public health and safety.                  |                     |

The SOSC or their designee develops a Scope of Work for the Hazmat Team

- Work requested – site assessment, air monitoring, exclusion zones, source control, technical assistance, etc
- Incident information
- Hazards

Hazmat team determines (based on scope of work)

- Minimum team and equipment requirements
- Logistical support needs at incident location (air refill capability, decontamination support capability, etc)
- Need for additional resources (term contractors, other Hazmat Teams, 103<sup>rd</sup>, or Pacific Strike Team support)

Generally the Hazmat Team is not tasked to do recovery/cleanup action like excavating contaminated soil

To be reimbursed by the State, the Hazmat team must be activated by the SOSC and actions must be requested in scope of work.



