

Spill Response



Presented by
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Spill Response/DEQ

- DEQ?
- Spills/Reporting
- State Comm
- Idaho Hazardous Materials/WMD Incident Command & Response Support Plan – DEQ's Role



DEQ's Mission

To protect human health and preserve the quality of Idaho's air, land, and water for use and enjoyment today and in the future.

- Created by the Idaho Environmental Protection and Health Act to ensure clean air, water, and land in the state and protect Idaho citizens from the adverse health impacts of pollution.
- As a regulatory agency, DEQ enforces various state environmental regulations and administers a number of federal environmental protection laws including the Clean Air Act, the Clean Water Act, and the Resource Conservation and Recovery Act.
- The agency is committed to working in partnership with local communities, businesses, and citizens to identify and implement cost-effective environmental solutions.

DEQ Programs:

- ◉ Drinking Water
- ◉ Surface Water
- ◉ Engineering
- ◉ Air Quality
- ◉ Waste and Remediation



Waste and Remediation:

- Assistance Permitting, Compliance, and Enforcement
- Brownfield
- Emergency Response
- Remediation
- Hazardous Waste Management (RCRA)
- Solid Waste
- Underground Storage Tanks
- Mines and Mining Waste



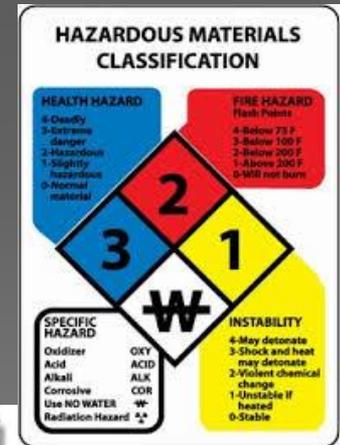
Emergency Response and Remediation Program



- Support and Respond to environmental spills
- Coordinate and facilitate cleanup
- Analyze and review corrective action measures
- Determine completeness of the cleanup

Spills

- Two Categories
- 1. Petroleum
- 2. Hazardous Deleterious Materials



DANGER

HAZARDOUS MATERIALS

Fed Regulatory Framework

- **EPA and OPA (40 CFR 112)**

- EPA has established requirements to report spills to navigable waters or adjoining shorelines.
- Established rules for Facilities to have Response Plans,
- Established containment and SPCC
- Established administrative enforcement:
 - **§4301(a) and (c)** The fine for failing to notify the appropriate Federal agency of a discharge is increased from a maximum of \$10,000 to a maximum of \$250,000 for an individual or \$500,000 for an organization.
 - The maximum prison term is also increased from one year to five years. The penalties for violations have a maximum of \$250,000 and 15 years in prison.

- **EPA and Hazardous Substances**

- For releases of hazardous substances, the federal government has established [Superfund Reportable Quantities \(RQs\)](#). If a hazardous substance is released to the environment in an amount that equals or exceeds its RQ, the release must be reported to federal authorities, unless certain [reporting exemptions for hazardous substance releases](#) also apply.
- Under the [Emergency Planning and Community Right-to-Know Act \(EPCRA\)](#) of 1986, the federal government has designated several hundred substances as "extremely hazardous substances" based on their acute lethal toxicity. Under the law, releases of these extremely hazardous substances trigger reporting requirements to state and local authorities, as well as the federal authorities. The owner or operator of a facility that releases an extremely hazardous substance in an amount greater than its established RQ must follow requirements on [how to report](#) to the appropriate authorities.

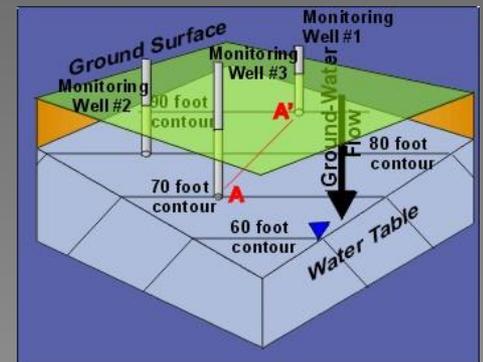
State of Idaho:

IDAPA 58.01.02-Water Quality Standards and wastewater Treatment Requirements

Establishes the procedures for addressing Hazardous Materials Spills (58.01.02.850) and Petroleum Oil Spills (58.01.02.851/852)

Describes Emergency Response Actions and Notification

Describes procedures for assessment and corrective action of unauthorized releases of Hazardous Materials and Petroleum



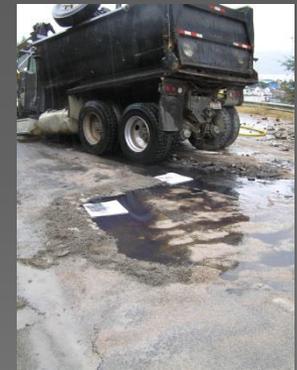
Notification:



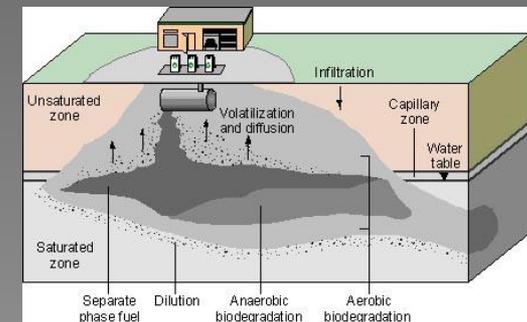
- Hazardous Materials Spill (anything other than petroleum products) *Notify Immediately!*



- Above Ground Petroleum Spills
 - > Exceeds 25 gallons or causes sheen on surface water automatic notification
 - > Less than 25 gallons and does not cause sheen on surface water does not have to be reported, unless the spill can not be cleaned up in 24 hours.



- Underground spills



How and Who do you report to?

Call 911

Call the NRC :

EPA Point of Contact for reporting chemical or oil spills that are discharged to waters of the US.

Online: <http://www.nrc.uscg.mil/nrchp.html>

Phone: 800-424 8802

Call IDAHO State Communications System
800-632-8000

DEQ Regional Office



What Is State Comm?

Idaho State Communication Center

- EMS Bureau
- Division of Health
- Department of Health and Welfare



- ◆ Emergency dispatch center serving the state of Idaho
- ◆ Dispatch center for multiple agencies
- ◆ Emergency notification center
- ◆ Resource center for local, state and federal resources

Resource Center

- Ability to contact state and federal agencies 24 hours a day
- TDD-TTY capabilities
- Language Line
- Teleconference Bridge
- Multi-agency coordination during incidents
- Communications with 44 County Sheriff Offices
- Communications with Tribes
- Communications with Idaho State Police (ISP) statewide
- Communications with neighboring states

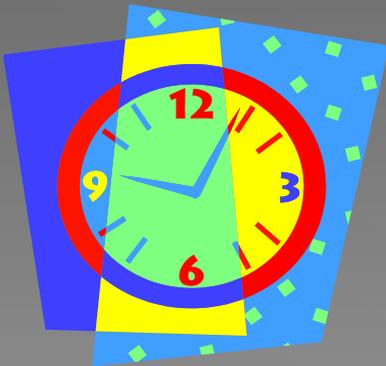
I have an Incident

- Is it a Haz Mat /EOD/WMD or the threat thereof?
- If yes, the Incident Commander calls:
 - > Local Dispatch or
 - > State Communications at
 - 1-800-632-8000
 - (208) 846-7610



Initial Call

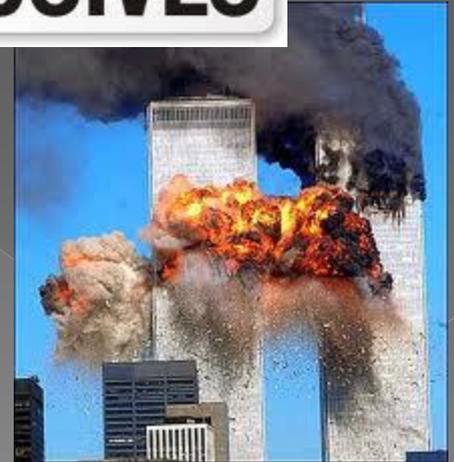
- ◉ State Communications then notifies Communications Moderator
 - Bureau of Homeland Security (BHS) Haz Mat Duty Officer & the DEQ Environmental Coordinator
 - Communications Moderator & Environmental Coordinator set a time for a conference call if needed, typically within 10 to 15 minutes.



The conference call

- ◉ Initial conference call will include:
 - > Communications Moderator – BHS
 - > Environmental Coordinator - DEQ
 - > Incident Commander or other local representative
 - > Regional Response Team that covers that jurisdiction
 - > Health District

- If Radiological, call will include State of Idaho, DEQ, Radiological Support
- If Explosives, a bomb squad will be included.
- If military ordnance, a military EOD group will be included
- If WMD, call will also include:
 - > FBI
 - > Idaho State Police
 - > Public Health
 - > 101st Civil Support Team



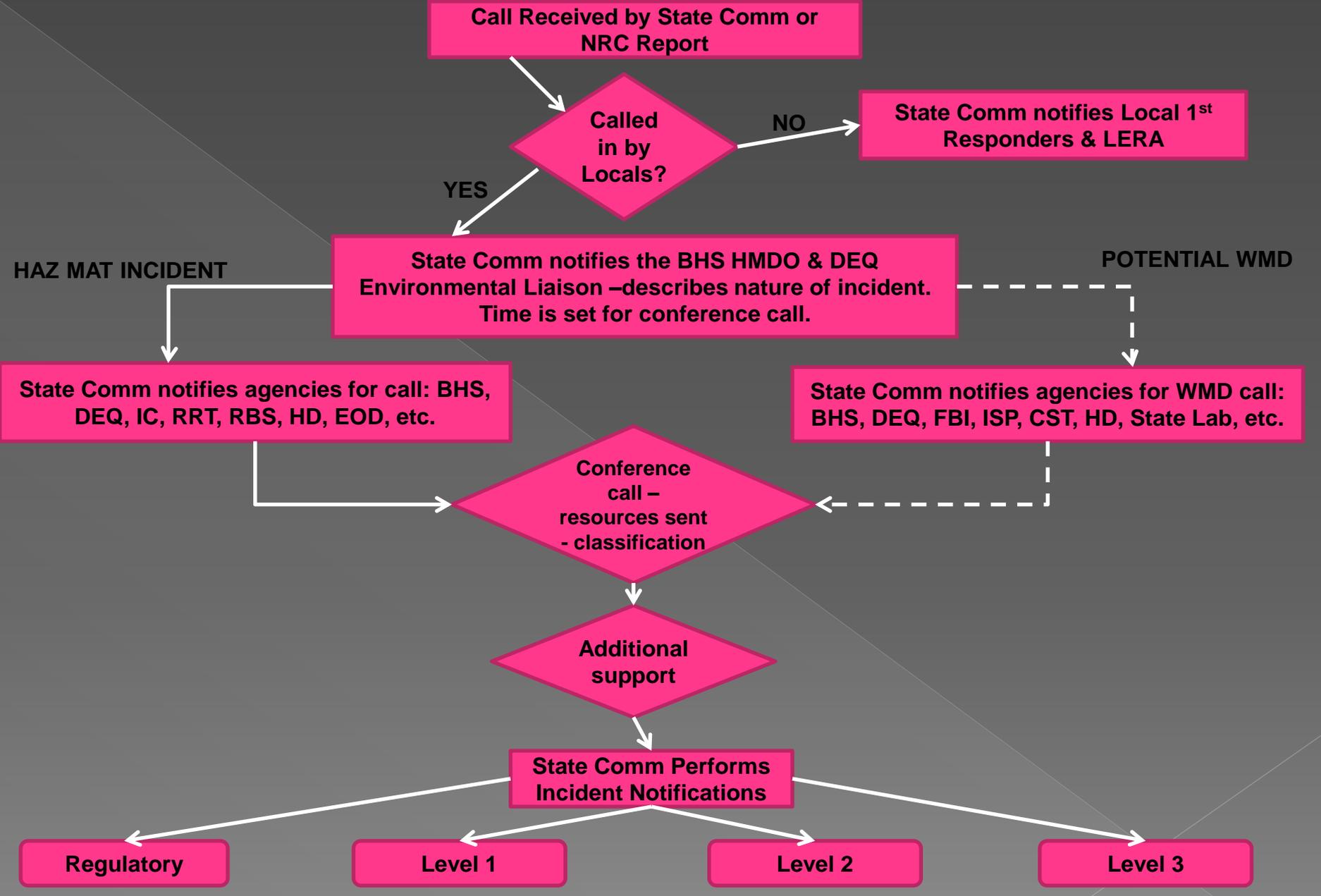
- Conference call will determine type and scope of incident.
- Assistance that may be needed.
- Classification of incident.

- Note: State Comm cannot authorize a team to respond for clean-up



- ◉ If additional assistance or advice is needed, additional agencies may be added to the call, or additional calls may take place.
- ◉ State Communications performs incident notifications based on classification.





Classifications:

- ◉ **Level III:** An incident involving WMD/hazmat that will require multiple State of Idaho Regional Response Teams or other resources that do not exist within the State of Idaho.
- ◉ **Level II:** An incident involving hazmat that is beyond the capabilities of the first responders on scene and may be beyond the capabilities of the public sector response agency having jurisdiction.
- ◉ **Level I:** An incident involving any response, public or private, to hazmat that can be contained, extinguished, and/or abated using resources immediately available to responders having jurisdiction.
- ◉ **Regulatory:** A release of a Reportable Quantity or less of regulated hazardous materials that does not require any emergency response on the part of public sector responders.

Idaho Hazardous Materials/WMD Incident Command & Response Support Plan

DEQ Responsibilities

- Tab 2 outlines DEQ's responsibilities:
 - Provide technical support and personnel to IC.
 - Coordinate environmental and radiation investigations and characterizations.
 - Oversee cleanup and disposal of hazardous wastes, substances and materials and deleterious materials.
 - May ask EPA to assume role as EC/EUL.
 - Maintain state capability for rad sample analysis.

DEQ Roles

- Establishes the role of:
 - DEQ Environmental Coordinator/Environmental Unit Leader (EC/EUL)
 - DEQ Environmental Liaison (EL)
 - DEQ Radiation Control Officer (RCO)
 - DEQ Radiation Safety Personnel (RSP)
 - DEQ Environmental Support Personnel (ESP)
 - DEQ in Unified Command (UC)
 - State On Scene Coordinator (SOSC) designated by BHS

Incident Phases

Emergency Phase Priorities:

- Life Safety.
- Incident Stabilization
- Property Preservation
- Environmental Recovery/Remediation

Objective: control and/or contain the release.

Emergency Phase Termination: When there is no longer an immediate threat to: life, property, environment, or need to preserve physical criminal evidence.

Cleanup Phase

Emergency Phase Termination:

1. Material causing the hazard is contained and controlled, with great certainty in regard to expected weather, reliability of containment methods, potential for public access, or threat to endangered species as well as any other sensitive receptors.
2. Provision has been made for operation and maintenance of containment.
3. Long term clean up, remediation, and follow up has been accounted for.
4. Cognizant local, state or federal jurisdiction(s) accept responsibility.

Incident Phases

Cleanup Phase:

1. Once the emergency phase has been terminated, the cleanup phase will be initiated by the RP.
2. Cleanup activities will be overseen by a DEQ Environmental Coordinator.
3. The RP will perform containment, assessment and clean-up work, either directly or through a contractor.
4. Cleanup activities shall be approved by the DEQ Environmental Coordinator, and Incident Command (if still active).

Incidents

Petroleum

- Most incidents are petroleum

Paint

- Elmore County (2015-00193); 09/24/2015; fire and cleanup

Pesticides

- Lemhi County (2015-00163); 08/18/2015; Vanquish, Milestone
- Fremont County (2015-00169); 08/27/2015; 2,4-D

Mercury

- Post Falls (2015-00231); 11/23/2015; school
- Boise (2015-00182, 00184, 00187); 09/16/2015; multiple locations
- Pocatello (2016-00018); 02/04/2016; clinic
- American Falls (2016-00025); 02/12/2016; school

DEQ maintains regional offices in the following six cities: Boise, Coeur d'Alene, Idaho Falls, Lewiston, Pocatello and Twin Falls.

Four satellite offices are located in Cascade, Grangeville, Kellogg and Soda Springs. DEQ staff in regional and satellite offices are the service providers of the agency.

Refer to DEQ's Web site for contact information

Coeur d'Alene
Regional Office

2110 Ironwood Pkwy.
Coeur d'Alene, ID 83814
ph: (208) 769-1422
fx: (208) 769-1404

Idaho Falls
Regional Office

900 N. Skyline, Suite B
Idaho Falls, ID 83402
ph: (208) 528-2650
fx: (208) 528-2695

Lewiston
Regional Office

1118 "F" Street
Lewiston, ID 83501
ph: (208) 799-4370
fx: (208) 799-3451
toll free:
(877) 541-3304

Pocatello
Regional Office

444 Hospital Way, #300
Pocatello, ID 83201
ph: (208) 236-6160
fx: (208) 236-6168

Boise
Regional Office

1445 N. Orchard
Boise, ID 83706
ph: (208) 373-0550
fx: (208) 373-0287

Twin Falls
Regional Office

1363 Fillmore St.
Twin Falls, ID 83301
ph: (208) 736-2190
fx: (208) 736-2194



Thank You

Questions?

