

Reporting Guidance for HazMat Releases

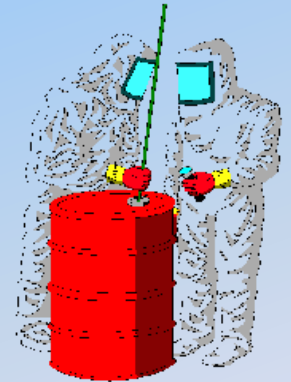


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Overview

- Instructor & Class Participants
- Agenda
 - What is a Spill
 - State Reporting the Why, What, Who & When for the RP
 - State Requirements & Specific Notifications
 - Federal Reporting Requirements & Follow-Up for the RP
 - Q&A from the audience
- Cal OES HazMat Spill/Release Reporting Page
 - <http://www.calema.ca.gov/HazardousMaterials/Pages/Spill-Release-Reporting.aspx>



What is a Release?

Any Material that is ...

- Liquid,
- Solid,
- Gas, Vapor, Fume, and/or Particulate



Which may ...

- Spill
- Leak
- Release
- Discharge

... Into all media

- Air
- Land
- Water



Why Do We Notify?

It is the Law!

- **Federal Laws / Regs**

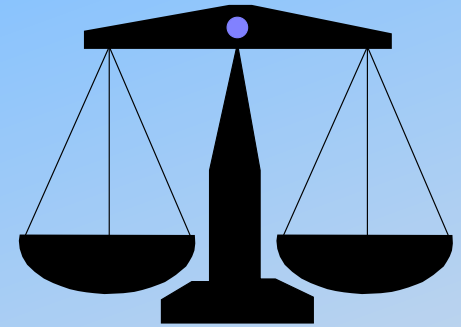
CERCLA, EPCRA, 40 CFR, etc

- **State Laws / Regs**

H&SC 25507(a), 19 CCR 2701-2705, CGC, PRC, etc

- **Local**

Ordinances, rules regulations, permits or any other agreements



Process ensures that appropriate entities are informed of a HazMat incident and the related detail.

(who, what, when, where)

California

Notification Requirements

LAW: H&SC §25507(a), 19 CCR 2703

WHO: Handler, employee, authorized rep, agent, or designee
(**“Handler” is any business that handles hazmat**)

WHAT: ANY actual release or threatened release of a hazardous substance (IF it poses a threat to public health or the environment *or* equals or exceeds federal RQ).

TO: CUPA/AA and/or Local 911
California State Warning Center (Cal OES):

- (916) 845-8911, **or**
- (800) 852-7550



What is a Hazardous Material?

Per HSC 25501

Any material that would pose a hazard due to the material quantity, concentration, or physical or chemical characteristics - to human health and safety or the environment if released into the workplace or the environment.

Includes:

- Hazardous Substances
- Hazardous Waste



Who Must Notify?

(Per HSC 25507)

- **Responsible Party**
 - **Business**
 - **Handler**
 - **Person**



Who Do I Notify?

(Title 19, Section 2703)

- **CUPA / AA and/or 911;**
- **CA State Warning Center;**
- **National Response Center;**



Other agencies (as mandated by agency-specific laws/regs, permits, agreements, etc.)

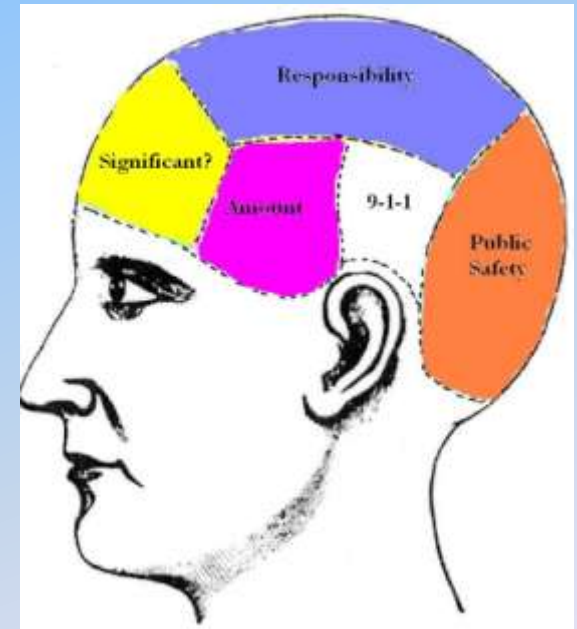
What Needs To Be Reported?

- **All significant or potentially significant releases of a Hazardous Material that has the potential to cause harm to human health and/or the environment.**
- **All releases of an Extremely Hazardous Substance or CERCLA Hazardous Substance at or above the Reportable Quantity (RQ).**



Information Needed

- Name of person reporting
- **Description of what happened**
- Location of release
- **Date & time of release**
- Chemical name (have them spell it out)
- **Amount released**
- Health effects (known or anticipated)
- **Medical advice for exposed individuals**
- Actions taken



When Do I Notify?

(Verbal Notification)



- Immediately upon knowledge of an **actual release or threatened release.**
- When notification can be made without impeding immediate control of a release.
- When notification can be provided without impeding immediate emergency medical procedures.

Exception to Every Rule

The immediate reporting shall not be required if:

- there is a reasonable belief that the actual release or threatened release poses **NO** significant hazard (present or potential) to human health and safety, property, or the environment.*



State Notification

(California State Warning Center)

(800) 852-7550 -or- (916) 845-8911



The CSWC is the central point in the State for reporting oil and chemical spills.

CSWC Notifications

- State Agencies
- Federal Agencies
- CUPA / AA (**unless otherwise requested**)
- Appropriate Cal OES Staff



Oil Discharges

- Marine Oil Spills (CGC 8670.26, CGC 8589.7)
 - * Any amount to State waters *
 - Cal OES (by the **RP** and responding State agency).
 - Cal OES notifies: DFW-OSPR, SLC, CCC, RWQCB
- Gas & Oil Lease Fields (PRC 3233, CGC 8589.7)
 - * ≥ 42 gallons & no threat to water *
 - Cal OES
 - Cal OES notifies: DOGGR, SLC, RWQCB, DFW-OSPR



Oil Discharges (Cont)

- Pipelines (CGC 51018, 8589.7)
 - Cal OES
 - Cal OES notifies: State Fire Marshal, DFW-OSPR, SLC



Discharges to State Waters

- **Sewage (CWC 13271, 23 CCR 2250, HSC 5411)**
 - Cal OES
 - Cal OES notifies:
 - Administrator of Environmental Health
 - RWQCB (SWRCB)
 - Local Health Officer
- **Oil Discharges per (CWC 13272)**
 - Cal OES
 - Cal OES notifies: SWRCB (RWQCB), DFW-OSPR



Transportation Notifications (Other)

- **Highways (CVC 23112.5)**

- CHP Must Notify:

- Cal OES



- **Railroads (PUC 7672.5, 7662g)**

- Cal OES Notifies:

- CUPA/AA or 911
- PUC



Other Notifications

Depends on specific agency laws, regulations, permits, or agreements

Pesticide Release

- County Agriculture Commissioner

Radiological Materials Release

- Dept of Public Health (CDPH)

Unauthorized Release to Water

- State Water Resources Control Board (SWRCB)
 - Regional Water Quality Control Board (RWQCB)
- Department of Fish & Wildlife/OSPR

Unauthorized Release to Air

- Air Pollution Control District (APCD)



School Notifications (Other)

- (H&SC 25507.10) If a release is within ½ Mile
 - Emergency Rescue Personnel must call ...
 - School District Superintendent
- (H&SC 42301.7): If there's a foreseeable threat of an air contaminant release within 1,000 feet of a school
 - Air Pollution Officer calls within 24 hours ...
 - CUPA/AA
 - Local Fire Department



Local Notification

- **CUPA/AA and/or 911**
 - *Use their call-down tree to call local responders*
 - **Fire Services**
 - **Law Enforcement**
 - **Environmental Health**
 - **Public Works / Utilities**
 - **Board of Supervisors**
 - **Other**
- **Other Agencies**



Federal Notification

(National Response Center)

The NRC is the sole Federal point of contact for reporting oil and chemical spills.

(Spills over Federal RQ (CERCLA or EHS))



(800) 424-8802

(202) 267-2675

The NRC operates 24 hours a day, 7 days a week, 365 days a year.

Reportable Quantity Mixtures

(40 CFR 355.13)

- **Example Mixture of a Hazardous Substance:**
 - Hydrogen Chloride (RQ = 5,000 lbs)
 - HCL Gas 35% Solution
 - $5,000 / 0.35 = 14,286$ lbs
- **Example Mixture of Multiple Constituents:**
 - Use the lowest applicable RQ for the Solution



Written Reports

“Emergency Release Follow-up Notice Reporting Form” (aka: *Section 304 Form*)

- **Required by:**
 - 19 CCR 2705 (State)
 - 42 USC 11004 (Federal)
- **Form & instructions found:**
 - Cal OES Website & in State Regulations
- **Completed by:** Businesses within 7 days following a release
- **For CERCLA chemicals equals or exceeds RQ only**
 - Listed in 40 CFR 355, Appendix A



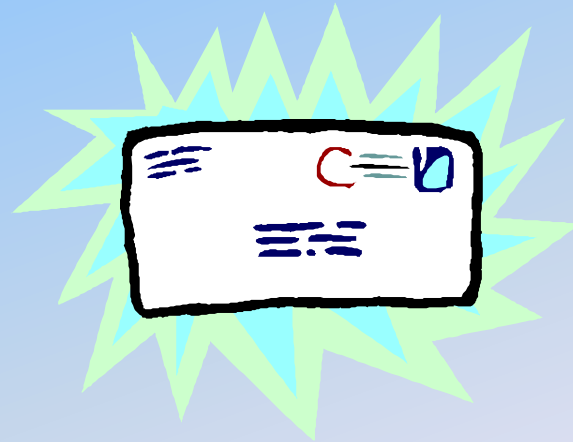
EMERGENCY RELEASE FOLLOW - UP NOTICE REPORTING FORM

A	BUSINESS NAME	FACILITY EMERGENCY CONTACT & PHONE NUMBER () -
B	INCIDENT DATE MO DAY YR	TIME OES NOTIFIED (use 24 hr time)
C	INCIDENT ADDRESS LOCATION	CITY / COMMUNITY COUNTY ZIP
D	CHEMICAL OR TRADE NAME (print or type)	CAS Number
E	CHECK IF CHEMICAL IS LISTED IN 40 CFR 355, APPENDIX A <input type="checkbox"/>	CHECK IF RELEASE REQUIRES NOTIFICATION UNDER 42 U.S.C. Section 9603 (a) <input type="checkbox"/>
F	PHYSICAL STATE CONTAINED <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS	PHYSICAL STATE RELEASED <input type="checkbox"/> SOLID <input type="checkbox"/> LIQUID <input type="checkbox"/> GAS
G	ENVIRONMENTAL CONTAMINATION <input type="checkbox"/> AIR <input type="checkbox"/> WATER <input type="checkbox"/> GROUND <input type="checkbox"/> OTHER	QUANTITY RELEASED TIME OF RELEASE DURATION OF RELEASE —DAYS —HOURS—MINUTES
H	ACTIONS TAKEN	
I	KNOWN OR ANTICIPATED HEALTH EFFECTS (Use the comments section for addition information) <input type="checkbox"/> ACUTE OR IMMEDIATE (explain) _____ <input type="checkbox"/> CHRONIC OR DELAYED (explain) _____ <input type="checkbox"/> NOTKNOWN (explain) _____	
J	ADVISE REGARDING MEDICAL ATTENTION NECESSARY FOR EXPOSED INDIVIDUALS	
K	COMMENTS (INDICATE SECTION (A - G) AND ITEM WITH COMMENTS OR ADDITIONAL INFORMATION)	
L	CERTIFICATION: I certify under penalty of law that I have personally examined and I am familiar with the information submitted and believe the submitted information is true, accurate, and complete. REPORTING FACILITY REPRESENTATIVE (print or type) _____ SIGNATURE OF REPORTING FACILITY REPRESENTATIVE _____ DATE: _____	



Written Reports (Cont)

- **Form Sent to -**
SERC/LEPC
Attn: 304 Reports
3650 Schriever Avenue
Mather, CA 95655



Written Reports (Cont)

- **Possible Requirement of Other Agencies**
 - **DTSC**
 - **DFW/OSPR**
 - **DOGGR**
 - **Cal OSHA**
 - **US DOT**



Websites & Phone Numbers (California)

- **California Governor's Office of Emergency Services (Cal OES)**
 - <http://www.calema.ca.gov>
- **California Dept. of Environmental Protection Agency (CalEPA)**
 - <http://www.calepa.ca.gov/>
- **California Highway Patrol (CHP)**
 - <http://www.chp.ca.gov/>
- **Dept of Fish & Wildlife - Office of Spill Prevention & Response**
 - <http://www.dfg.ca.gov/Ospr/index.html>
- **State Fire Marshal (SFM)**
 - <http://osfm.fire.ca.gov/>

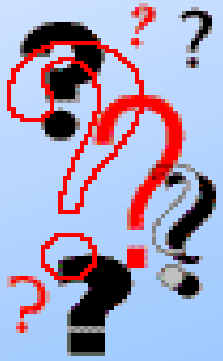


Websites & Phone Numbers

(Federal)

- **National Response Center (NRC)**
 - <http://www.nrc.uscg.mil/nrchp.html>
- **Coast Guard (USCG)**
 - <http://www.uscg.mil/D11/>
- **Environmental Protection Agency (USEPA)**
 - <http://epa.gov/superfund/resources/rq/index.htm>
 - **EPCRA Call Center: (800) 424-9346**
- **Department of Transportation (DOT)**
 - <http://hazmat.dot.gov/spills.htm>





Any Questions

