



CUPA 101

Presented by

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22nd Annual California CUPA Training Conference

February 3 - 6, 2020

South San Francisco



www.calcupa.org



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CUPA 101

What
will this
class
cover?

- Environmental History/Laws
- What is a CUPA?
- What have we accomplished and where are we going in the future?
- Local program overview.
- Finding employment in environmental compliance.



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ENVIRONMENTAL HISTORY

➤ 1970's

- Minemata, Japan - 1968
- DDT banned - 1972
- Yusho, Japan - PCBs banned 1976
- Love Canal - 1979

➤ 1980's

- Stringfellow Acid Pits - 1982
- Times Beach, Missouri 1982
- Bhopal, India 1984 – 3,800 dead, 558,000 injured
- Chernobyl - 1986
- Exxon Valdez Oil Spill – 1989



FEDERAL ENVIRONMENTAL LAWS

1940-1970's
POLLUTION
CONTROL; CLEAN
WATER ACT

1950-1960's
AIR POLLUTION:
CLEAN AIR ACT

1990's
CUPA; CalARP

1970's
SAFE DRINKING
WATER ACT
NEPA

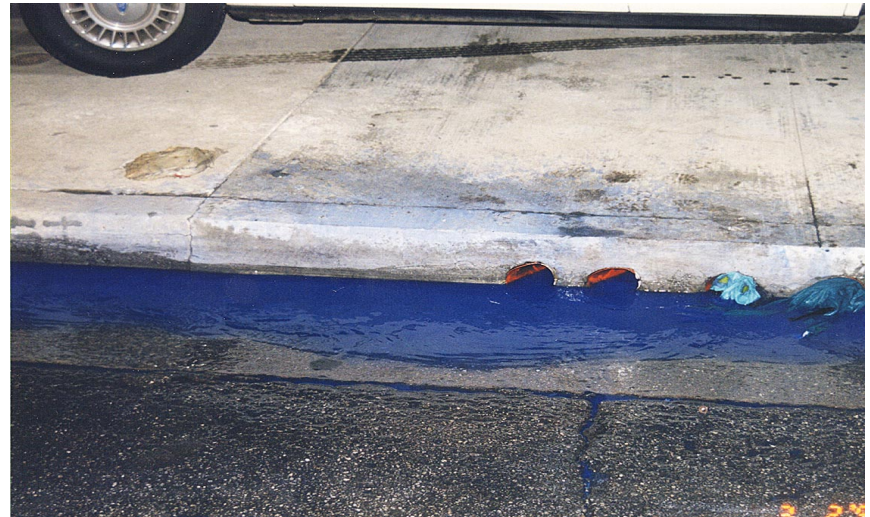
1980's
CERCLA; UST;
EPCRA

1970's
RCRA & TSCA



EPA / State Health Agencies – Late 1970's

- Original State agencies involved with regulating HW at larger TSD-type facilities – CA Dept of Health Services
- CA Haz-Waste Law - 1978



Early 1980s



- Local hazardous waste programs started in about 22 Major local agencies



- Numerous criminal cases for spills and accidents

1980s – Explosive Program Growth

- UST - Sher Bill
- Business Plan – Chemical Inventories - 1986
- Local Oversight Program – 1988
- Major Cleanup Efforts
- Increasing Fines & Penalties & Felonies
- More Fire Dept. Involvement
- Military Base Closures



1990s – CalEPA / DTSC



*California
Environmental
Protection Agency*

- 1991 - CalEPA created
- 1991 - DTSC moved from DHS to CalEPA
- Emphasis toward innovation; pollution prevention, waste reduction, etc.
- 1994+ - Unified Program (CUPAs) Development and Certifications
- 1997 - CalARP

January 1994 - SB 1082

➤ Why a Unified Program?

- Duplicate inspections
- Duplicate programs
- Multiple invoicing and permitting
- Multiple agencies



➤ What happened?

- Legislative process
- Political climate then and now





2000 and Beyond



- 2001 9-11 Terrorist Acts
- 2004 Indonesian Tsunami
- 2005 Katrina
- 2010 Deepwater Horizon
- 2011 Fukushima Nuclear Power Plant
- 2012 Richmond Chevron Refinery Fire
- 2012 Hurricane Sandy
- 2013 West Virginia Elk River Contamination
- 2013 West Texas Fertilizer Plant Explosion
- 2014 April Mid-West TORNADOS
- 2014-2018 California Wildfires
- 2015 Aliso Canyon Natural Gas Leak
- 2016 Contaminated Drinking Water



Certified Unified Program Agencies and Participating Agencies

- 81 CUPAs – most with no PAs
- 24 PAs via agreements and MOU's
- Most are “fire” or “environmental health” entities
- State certification process in mid 1990's
- 1990's also was the time where CUPA regulations were developed



SB 1082 Unified Programs

Hazardous Waste Generator Program and Tiered Permitting

Hazardous Materials Inventory (Disclosure)

Accidental Release Prevention Program

Underground Storage Tanks

Aboveground Petroleum Storage Tanks

California Fire Code – HM Plans/Inventory only



SB 1082 Program Goals

Combined Inspections

Consistent Inspections/Enforcement

Interagency Coordination

Single Fee System

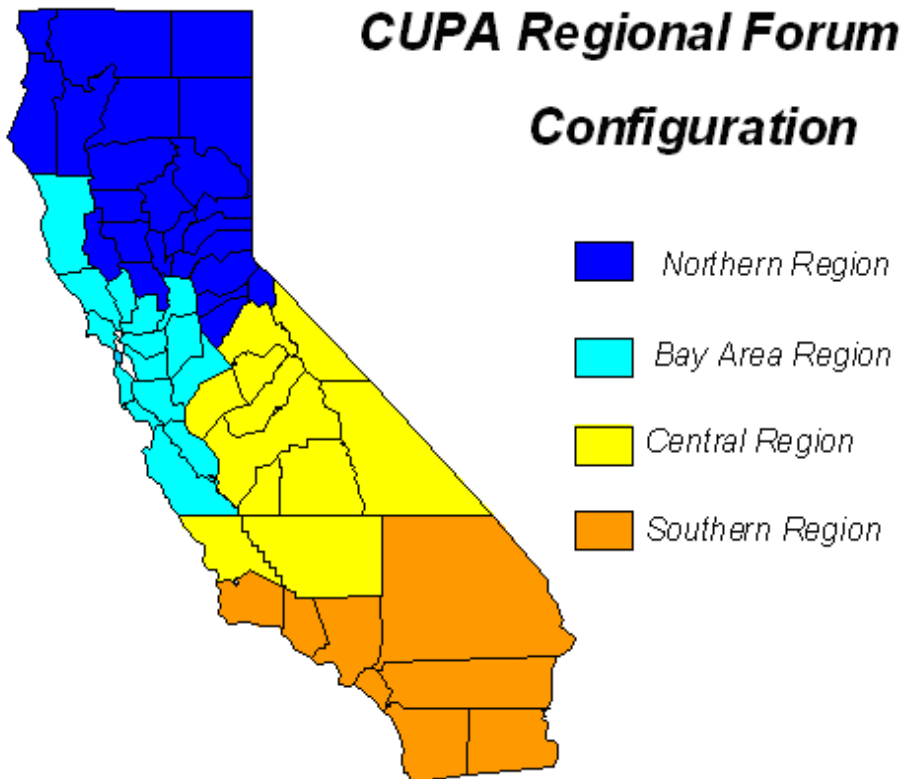
Consolidated Permit



Regulated Universe 2019-2020

- Total Regulated Businesses 160,000
- Business Plan Facilities: 147,000
- CalARP Facilities: 2,100
- Hazardous waste facilities: 92,000
- Underground Tank Facilities: 13,700
- Above ground Tank Facilities: 17,000

Unified Program Led to the CUPA Forum



- 1996 - UPAs unite in a CUPA Forum to consolidate efforts and provide a single voice to the State and federal agencies
- UPAAG established 1998
- 1998 – CUPA Forum begins holding annual conferences



Accomplishments

Enhanced and increased interagency cooperation on a large range of issues

Development of legislation/regulations through cooperative efforts

Large number of stakeholders kept informed and involved

Increased and consistent enforcement

ANNUAL CUPA CONFERENCE





Accomplishments

Major reductions of incidents at high risk facilities through Cal-ARP

Improved and streamlined State performance review process

Title 27 Data Dictionary – CERS Changes

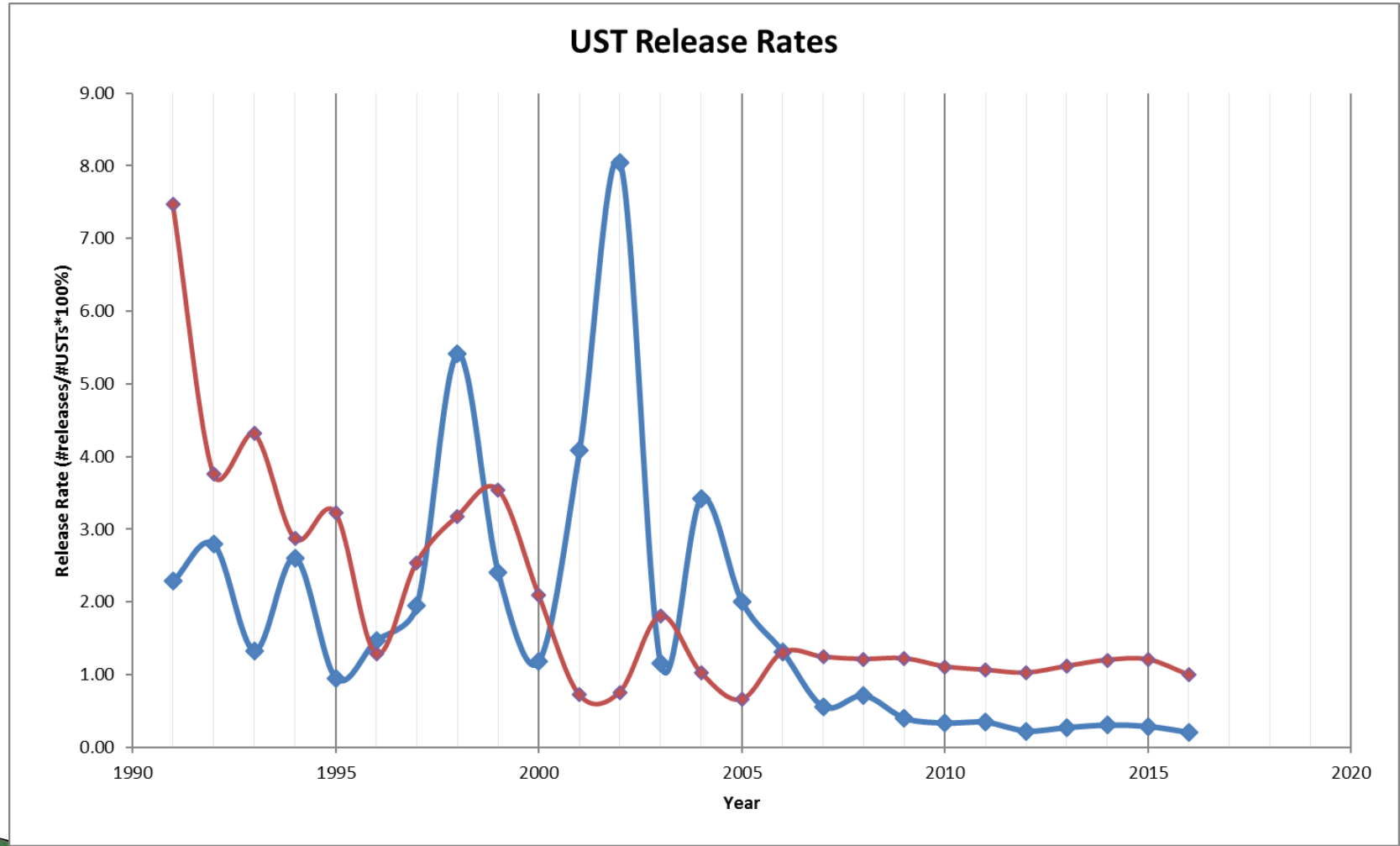
Improved Training

Standard Violation Classification

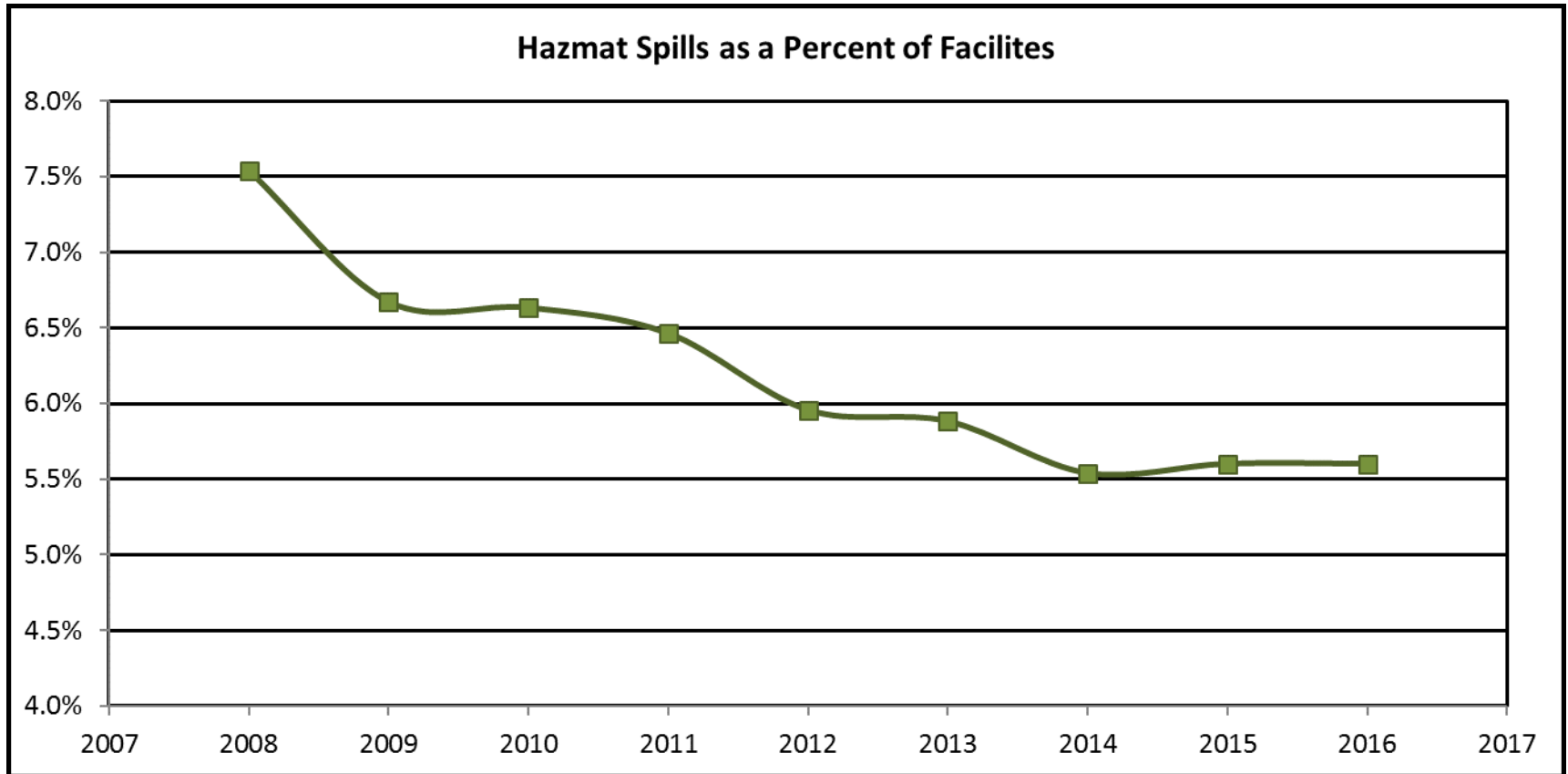
Statewide Enforcement Cases

Administrative Enforcement Orders

Results



Results





Program Goals – 2018 Strategic Plan

- Emphasize State and local collaboration and consistency in implementing the Unified Program.
- Review and enhance the CUPA Performance Evaluation Process.
- Risk based prioritization of work.
- Develop exceptionally trained and skilled Unified Program personnel.
- Improve the capabilities and functionality of the CERS.
- Enrich and curate CERS data to make informed decisions that advance the Unified Program goals, objectives and public safety.
- Minimize and mitigate the impact of local disaster emergency response on essential Unified Program functions at the local level.

<https://calepa.ca.gov/wp-content/uploads/sites/6/2018/11/UPAAG-Strategic-Plan-2018-2022-FINAL.pdf>





A Shifting Workplace

- Program innovators are retiring; new workforce training is critical.
- Face of regulatory programs continuing to evolve at State and local levels.
- Technology is making us look at how we do our work.
- The CUPA Forum is becoming even more professional – Hazmat Specialist Certification



Your Career

- Would you like a career in a field that has opportunities in federal, state, and local government as well as private industry?
- Would you like a career that involves field work and the direct application of many disciplines and specialties?
- Would you like to work for the public good?



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EMPLOYMENT

How do you find the jobs and apply?

- Websites
- Contacts within Agencies
- Personnel Offices
- Job Search engines
- Professional Networking





Thanks for attending!

Questions?

Resources:

- www.calcupa.org
- www.ccdeh.com/jobs/env-health-haz-mat-jobs
- www.calepa.ca.gov/Enforcement/Publications
- www.calhr.ca.gov
- www.calepa.ca.gov/CUPA/