Hazardous Material Business Plans Challenges Working Across California and Tools and Tips to Help



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Explore some of the challenges when working across multiple CUPAs

Explore the mechanics of using CERS for multi-facility businesses





- Statute: Health and Safety Code (H&SC) Division 20, Chapter 6.95
- Regulations: California Code of Regulations (CCR) Title 19, Division 2, Chapter 4
- Each CUPA's Hazardous Materials Disclosure Ordinance and Municipal Code (Local Code)



Contrast Between Federal and State Disclosure Programs

Federal EPCRA statute is significantly focused on community disclosure

"The Community Right-to-Know provisions help increase the public's knowledge and access to information on chemicals at individual facilities, their uses, and releases into the environment. States and communities, working with facilities, can use the information to improve chemical safety and protect public health and the environment." (USEPA)



California's HMBP Program Focuses More on Releases

"[The Authors' Intent] is public safety and especially the safety of firefighters who must deal with toxic related fires." (Initial HMBP authorizing legislation)





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Another Difference in Focus

"[Release reporting] does not apply to any release which results in exposure to persons solely within the site or sites on which a facility is located." (EPCRA §11004)

"The information provided by business and area plans is necessary in order to prevent or mitigate the damage to the health and safety of persons and the environment from the release or threatened release of hazardous materials into the workplace and environment." (H&SC 25500)



Federal EPCRA vs. California Reporting



- EPCRA Chemical Inventory Reporting Threshold
 - Handled > 10,000 pounds of hazardous material at any one time
 - Lower thresholds for extremely hazardous materials
- California HMBP Threshold
 - <u>Will handle</u> ≥ 55 gallons (liquids), 500 pounds (solids), or 200 standard cubic feet gas
 - But each CUPA can define its own threshold(s) via its local ordinance



California: One State, Many Programs

- HMBP program applies to all of California...and one goal of the Unified Program was a more consistent approach across California...
- Yet many differences exist between CUPAs
 - Formal differences: Local Code variations which make one CUPA stricter/not as strict as another
 - Informal differences: Personal preferences of a jurisdiction/inspector, nature of industry within the CUPA, inspector knowledge and experience

This complicates compliance for organizations that
 span multiple CUPAs

One State, Many Programs

- Formal differences (i.e., variations in Local Codes) can in theory be catalogued and dealt with
- Informal differences are much harder to deal with they can be both inter- and intra-CUPA
 - Inspectors focus on different issues
 - Inspectors have different knowledge and understanding
- The formal/informal differences, and inter-CUPA variation, can complicate compliance for organizations that span multiple CUPAs



Industries Affected by Varying CUPA Approaches

- Retail grocery stores, etc.
- Electric, gas, pipeline and communications utilities
- Mechanical services for industrial equipment
- Automotive service
- Vehicle and equipment rental companies
- Real estate and building management

Construction



Formal CUPA Differences

- Permits vs. fee notices
- Annual HMBP re-certification dates
- Lower reporting thresholds
- Certain hazardous materials exempted or specifically included
- Special submittals
- Unique handling requirements
- Additional program authorities



Permits vs Fee Notices

Some CUPAs require a specific permit to be a hazmat handler

§ 23.0602 Current CUPA Operational Permit Required.

(a) No person or entity shall own, operate or allow the operation of any activity or facility subject to the requirements of the CUPA Permit Program Elements, whether for permanent or temporary activities, including but not limited to the generation, production, storage, treatment or other handling of hazardous materials or hazardous waste, nor own or operate a transporter facility as defined in § 23.0711(d) of this Code, without first applying for, receiving, and retaining an unexpired, unrevoked, unsuspended, CUPA permit for

Permits may be required to be displayed Other CUPAs simply require payment of an annual 'inspection' or similar fee





- H&SC 25508 specifically grants each CUPA ability to establish its own annual re-certification date. If it does not do so, the due date defaults to annually "on or before March 1". So…
 - Los Angeles County March 15th
 - San Joaquin County January 15th
 - Riverside County anniversary date of initial HMBP acceptance
 - Monterey County January 1st
- But...how is 'on or before' interpreted?



Re-Certification Dates



Subject: Deadline to Submit Annual Business Plan Information - March 1

You are receiving this email because you are listed as a user on a CERS (California Environmental Reporting System) account. This is a reminder that all facilities must report business plan information into CERS annually. A complete business plan submittal consists of the following three submittal elements. Tacility information, hazardous materials inventory, and emergency response and training plans. For San Bernardino County CUPA, the deadline for the annual submittal is March 1. We consider any submittal made on November 1 or later to meet the March 1 deadline.

- Statute is silent on how 'on or before' is interpreted and Local Codes rarely state
 - So? Assume between January 1 and February 28? Within 30 days of due date? Ask your CUPA?



What is "Handling" a Material?

- H&SC defines 'handle' as "use, generate, process, produce, package, treat, store, emit, discharge, or dispose of a hazardous material in any fashion"
- Hazardous materials located inside a machine or device are not excluded
- So refrigerant gas inside a compressor, mineral oil inside a transformer or coolant located within a CNC machine are not exempt under the statute

Most CUPAs don't focus on machinery...but there are exceptions...



What Is a Hazardous Material?

Definition at H&SC 25501(p), includes, but is not limited to:

- "Hazardous substances"
- "Hazardous wastes"

def.i.ni.tion n. 1. The teacher gave de new words.

"any material that a handler or the administering agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment"



What Is a Hazardous Material?

Hazardous substances are substances or chemical products:

- For which OSHA or Cal/OSHA requires the preparation of an SDS (not "an SDS has been prepared"...)
- Listed radioactive substance
- Substance listed in Federal Title 49 hazardous materials transportation regulations (about 2,950 chemicals)
- Listed on Cal/OSHA's hazardous substance list

A mixture containing a hazardous material



What Is NOT a Hazardous Material?

- Materials with no identifiable hazard
- Any food, food additive, color additive, drug, or cosmetic regulated by the Food and Drug Admin.



- Any substance present as a solid in any manufactured item to the extent that exposure to the substance does not occur under normal conditions of use
- But there is considerable variation in how CUPAs interpret these exclusions – food additives or ingredients are a good example



Inventory Exemptions



H&SC/Title 19 Exemptions, e.g.,

- <1,000 CF Non-Flammable Refrigerants</p>
- \sim 275 gals of lubricating oils/ \leq 55 gals per type
- <1,000 CF for gases at STP, with sole hazards of simple asphyxiation or the release of pressure (e.g., helium)
- CUPAs can ignore State exemptions <u>if this is</u> <u>placed into their Local Code</u>
- CUPAs can add exemptions using H&SC-defined
 process



Example of CUPA-Specific Hazmat Definitions



- City of Berkeley requires disclosure of:
 - All manufactured nanoparticles (if one axis is < 100 nm)
 - Any quantity of an etiologic agent, except vaccines
- Does an SDS exist? If not, how are hazards and other information described?
- Can you quantify these materials in gallons/cubic feet/pounds?



Example of Special Submittals

smchealth.org/cupa

EMERGENCY PROCEDURES

In case of a fire, spill, or other emergency involving hazardous chemicals or wastes, do the following:

MAJOR EMERGENCY:

- Evacuate the affected areas per the facility Evacuation Plan
- Call 911 and report the emergency
- Report the emergency to the facility Emergency Coordinator

MINOR EMERGENCY:

- Try to control the emergency if you are trained to do so and can do it safely

- Report the emergency to the facility Emergency Coordinator

FACILITY EMERG	CILITY EMERGENCY COORDINATORS:				
	Name:	Work Phone:	24 Hour Phone:		
Primary EC:					
1st Alternate EC:					
2nd Alternate EC:					
3rd Alternate EC:					

EMERGENCY AGENCIES:

Agency	Phone No.
Fire Dept., Ambulance, Police	911
Governor's Office of Emergency Services	(800) 852-7550
National Response Center (Reportable Quantity Releases)	(800) 424-8802
San Mateo County CUPA - Environmental Health Services	(650) 372-6200



EMERGENCY EQUIPMENT:		
Emergency Equipment	Location	
Fire Extinguishers)19
Other Fire Control Equipment / Alarms		1

)19, Yorke Engineering, LLC

Example of Special Submittals

7.100.300 Indemnification.

As a condition of the issuance of a permit under this chapter, the Health Officer shall require the permittee to agree in writing to indemnify, hold harmless and defend the County against any claim, cause of action, disability, loss, liability, damage, cost or expense, howsoever arising, which occurs by reason of an unauthorized discharge in connection with permittee's operations under this permit, except as arises from the County's sole willful act or sole active negligence. [Ord. 4521 § 2, 1998].



Example of Unique Handling Requirements

Santa Cruz County

7.100.160 Performance standards.

... Every storage facility shall meet the following requirements:

(A) The storage facility shall be designed and constructed to provide primary and secondary levels of containment of the hazardous materials stored in them in accordance with the following performance standards:

(1) Primary containment shall be product-tight;

(2) Secondary containment shall be provided, and shall be constructed to prevent structural weakening as a result of contact with any released hazardous materials and also shall be capable of storing the hazardous materials for the maximum anticipated period of time necessary for the recovery of any released hazardous material;



CERS Might Help...

lazardous Materials Inventory	SUBMITTED Feb. 8, 2019 Start 👫 Not Applicable
Hazardous Material Inventory (4) 🕿 🔂	
) <u>Site Map (Official Use Only): Upload Document(s)</u>	
Locally-Required Documentation	
Regulated facilities in this jurisdiction are required to: 1) Report all hazardous materials and hazardous wastes if at any time during a year the constant of the second	combined total exceeds 500 pounds or more of all solid hazardous materials and wast e at standard temperature and pressure of all gaseous hazardous materials. Materials led (BMC 15.12.050(A)). If the Nuclear Regulatory Commission in Title 10 of the Code of Federal Regulations, 0 nanometers in length. Please submit the information requested in the Manufacture

This information is not available as a download or other rapid-access feature...and is optional information for a CUPA to provide to CERS



Additional Program Authorities

- Some CUPA inspectors are being cross-trained in other programs for which cities/counties have authority:
 - Fire Code
 - Storm water
 - Wastewater discharge
- Others may try to cite requirements they are clearly not authorized to enforce!



Informal Differences

- Environmental regulations rely on some level of interpretation, and the context for each application can vary
- And differences between one agency and another are manageable when it's a couple of agencies/inspectors...
- But 85 CUPAs with 4-40 inspectors each....
- This is a <u>lot of potential interpretations</u>!



So What Do You Do When...

- Manufacturer has provided an SDS but states "No Hazardous Ingredients":
 - Was it "required to prepare," or
 - Voluntarily prepared to communicate lack of hazards or to satisfy customer expectations?
- Two options:
 - Get statement from supplier that SDS not required for the material
 - Inventory in CERS but state in Additional Chemical/Material Description "No hazardous materials listed"



What Units Am I Using?

H&SC 25507 states "For the purpose of this section, for compressed gases, if a hazardous material or mixture is determined to exceed threshold quantities at standard temperature and pressure, it shall be reported in the physical state at which it is stored."

- CUPAs aren't always aware of this...
- And will often say "do it this way anyway"



Refrigerant Gases

- State threshold is 1,000 CF for gases with no other hazard
- So initial applicability is based on whether above or below this value
- But since gas is compressed to liquid form, the reporting units in CERS is gallons



But HVAC standard for refrigerant quantities is pounds!



Other Gas Exemptions

 Some CUPAs have exemptions
 LA City FD exempts CO₂ beverage systems
 ≤ 6,000 CF (non-liquefied) and
 ≤ 3,500 CF (refrigerated)

San Diego County also exempts $CO_2 \le 3,500 \text{ CF} \text{ (cryogenic)}$ and $\le 6,000 \text{ CF} \text{ (non-cryogenic)}$





Other Gas Exemptions

Sacramento County Exempts

- CO2 used for beverage carbonation <6,000 CF</p>
- 200 CF or more of common refrigerants (except ammonia) used in closed loop refrigeration systems in grocery stores and similar operations
- 200 CF or more of common refrigerants (except ammonia) used with vapor compression chillers in large buildings, warehouses, and hospitals
- $\leq 1,000$ CF of helium for balloons





Other Local Differences

Livermore-Pleasanton Fire Department

Any amount of highly toxic, toxic, and moderately toxic gases, as defined in the Livermore and Pleasanton adoptions of the California Fire Code

Petaluma

Report any quantity of hazardous material; update with change of "ten percent" or more (Local Code 17.21.060)



CERS Submittals – Other Special Local Requirements

- Fremont provide property owner information and the property assessor's parcel number (APN)
- Santa Clara County Environmental Health report property owner information
- Contra Costa County Env. Health submit hazardous waste generation report for last calendar year (not in CERS database of local requirements)
- Santa Cruz County provide APN, depth to water table, # of employees, surrounding land uses







- Most CUPAs use their standard threshold for hazardous wastes...
- But some have a zero threshold, i.e, report any amount of hazardous waste...
- What about universal wastes? Most CUPAs don't require reporting them in inventory...but logic is somewhat inconsistent for 'solid manufactured objects'





- For HMBP, reading and understanding the Local Code is just as important as understanding the H&SC or CCR
- Not always simple what Local Code section is named, where placed within the overall Municipal Code (or might even only be in an Ordinance), where the Local Code can be accessed, varies from CUPA to CUPA

Changes to Local Codes can be difficult to track



But Does the Inspector Know the Code?

- Some inspectors don't seem to be specifically familiar with their Code
- Some inspectors want to impose a 'reasonableness' standard...but might or not actually be reasonable for a particular application
- Strict application of Local Code can be painful at times...
- ...but diverting from the Code, even if in the businesses favor, may not be a good approach


A Few Words on Site Maps

- Standard contents, but making a site map to please your regulator can be a challenge, especially for large facilities
- Can you fit it on 8.5"x11" <u>and</u> identify shutoffs and locations of sudden pressure release, eyewash, and fire extinguishers
 - Can be hand-drawn but software helpful to make changes (doesn't need to be AutoCAD, others such as Visio or SmartDraw will work for smaller sites)



Site Maps

- Supposed to identify locations of hazardous materials on the map
- Refrigerants gas is dispersed in pipes from roof chiller to ground
 - How do you reflect such a location on a 2D map?
 - Notes may be the only way to describe it





A Few Words on Contingency Planning

- What would an emergency response plan look like for a refrigeration system?
 - No defined reportable quantity
 - Release may not be immediately obvious
 - Nothing to respond to; nothing to clean up
- How do we specify emergency response for a nitrogen leak? A CO2 leak?
- What about a solid material? If cayenne pepper is being reported on my inventory, what is my reporting obligation for a release?



Using CERS For Multi-Facility Businesses





CERS "Facility" vs. "Business"

A Unified Program **Facility** means:

- ...all contiguous land and structures, other appurtenances, and improvements on the land that are subject to the requirements of [the H&SC]
- A unique CERSID is assigned to each facility
- Typically represented by a unique street address



CERS "Business"

- An employer, self-employed individual, corporation, partnership, LLC, company, or other business entity
- A nonprofit business
- An agency, department, office, board, commission, or bureau of state government, including, but not limited to, the college and university campuses
- An agency, department, office, board, commission, or bureau of a city, county, or district

CERS also uses the term "organization" – same meaning as Business



Businesses and Facilities

- A Business may have one, or hundreds (thousands?) of Facilities
- A Facility can only be assigned to a single Business
- A CERS User's account provides access to one or more Businesses
- A CERS user assigned to a business can perform multiple functions on the Facilities within that Business, but cannot perform functions across multiple Businesses



CERS Business Portal **Multi-Facility Business**



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Benefits of a Multi-Facility Business in CERS

- Manage user access for *all* facilities at the same time
- Bulk CERS data upload and *download*
 - Chemical Inventories
 - Owner/Operator Information
 - CERS Submittal Status
 - Accepted, Not Accepted, Pending



Violation Status and History



CERS Business Portal Multiple Individual Facilities







In almost all cases, a business with multiple facilities – or multiple organizational units under common management – can benefit from being set up as a multi-facility business in CERS



CERS Business Portal CERS Multiple Business Homepage

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California Environmental Reporting System: Business | © 2017 California Environmental Protection Agency CERS Technical Support: Request Technical Assistance



CERS Business Portal Single Business Homepage



CERS Business Portal Return to Multi-Business Homepage

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Unified Program/General Assistance: Contact your local regulator(s)



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Unified Program/General Assistance: Contact your local regulator(s)



-What permissions would you like to assign to this person?-

Permission Group	Description
Approvers	Can add, view, edit, and submit facility reports to their facility's regulator(s).
Editors	Can add/edit facility submittals/reports, but cannot submit reports to their facility's regulator(s).
Lead Users	Can view/add/edit/submit facility reports to regulators, as well as add, remove, and otherwise manage their business' user accounts, facilities, and other data about their CERS business/organization.
Viewers	Can view facility submittals/reports (read-only).



CERS Business Portal – Home Page No Facilities

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CERS Business Portal – Home Page Existing Facilities

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	ame tries neering ness #3 1 of 1 F	ame T H tries N neering S ness #3 N 1 of 1 P H 10	ame Y Headquarters (City, State tries Newbury Park, CA neering San Juan Capistrano ness #3 Newbury Park, CA 1 of 1 10 items per page	ame Y Headquarters (City, State) tries Newbury Park, CA neering San Juan Capistrano ness #3 Newbury Park, CA 1 of 1 10 items per page	ame Headquarters (City, State) The ering Newbury Park, CA neering San Juan Capistrano ness #3 Newbury Park, CA 1 of 1 10 items per page 1 Items per page 1 Items per page	ame Y tries Newbury Park, CA neering San Juan Capistrano ness #3 Newbury Park, CA 1 of 1 Image: American series of the series	ame Y Headquarters (City, State) Y Facilities Y Users tries Newbury Park, CA 2 2 neering San Juan Capistrano 2 2 ness #3 Newbury Park, CA 1 1 1 of 1 Image: 10 Items per page 1-	ame Y Headquarters (City, State) Y Facilities Y Users Y tries Newbury Park, CA 2 1 neering San Juan Capistrano 2 1 ness #3 Newbury Park, CA 1 1 1 of 1 Image: Park Park Park 1 1 1 of 1 Image: Park Park Park Park 1 - 3 of 3

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California Environmental Reporting System: Business	E	Training Build: 2.23.0013	Robert Bondere	r's Account Sign Out	<u>Tools Reports Help</u>
CERS Business	Home	Submittals	Facilities	Compliance	My Business
Select Your Business		12.4			

Business Name	T	Headquarters (City, State)	T	Facilities	User	s 🍸	Created On
Fake Industries		Newbury Park, CA		- 1	1	1	7/5/2016
Yorke Engineering		San Juan Capistrano			1	1	11/16/2016
Yorke Business #3		Newbury Park, CA		1	Le.	1	1/25/2017

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California Environmental Reporting System: Business | © 2017 California Environmental Protection Agency



ifornia Environmental Repo	rting System:	Business			Training Build: 2.23.0013	Robert Bonder	er's Account Sign Out	<u>Tools Reports</u>	<u>Help</u>
ERS Business				Home	Submittals	s Facilities	Compliance	My Busines	5
Home: Yorke Bus Home Common Tasks	siness #	3						Manage Pec Action Requ Notification Email Histor Manage Fac	ople iired s ry ilities
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acilities							Add Facility	Search	S
	Facility Nam	e	Ţ	Address			▼ Last Submittal	▼ CERS ID	T
Start / Edit Submittal Yorke Business #3 12345 York			12345 Yorke Rd, N	lewbury Park 913	320		10166603		
Page 1	of 1	•)(•)	10 💌	items per page			1-	1 of 1 items	5



California Environmental Reporting System: Business			в	Training Build: 2.23.0013		Robert Bonderer's Account Sign Out Tools Reports E			
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Notifications Email History Regulators	Select	CERS ID 7 10166603	Facility Name Yorke Business #3	Address T 12345 Yorke Rd	City T Newbury Park	ZIP Code T 91320	Last Submittal		
Manage Facilities Archive		()					1 - 1 of 1 items		



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alifornia Environmental Re	eporting System: Business	Ви	Training Build: 2.23.0013		Robert Bonderer's Account Sign Out Tools Reports		
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Summary	Facility Transfer	Step 2: Select Target	Business/Orga	anization	_		
People Action Required Notifications	-Transfer Facility to Select one of the other Drag a column heade	CERS Businesses/organization r and drop it here to group by t	ons you are associated	d with to transfer this	facility to.		
Email History	Select Organization	Organization name, Headqu	arters		Facility Count	User Count	
Regulators Manage Facilities	Select	Fake Industries (Newbury Pa	ark, CA)		2	1	
Archive	Select	Yorke Engineering (San Juan	n Capistrano)		2	1	
	Facility Currently in this Business	Yorke Business #3 (Newbury	/ Park, CA)		1	1	
enin)			1 -	3 of 3 items	



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Summary People Action Required Notifications Email History	Facility Transfer Request	t Confirmation rmation een sent to the CU	PA of your facility for			
<u>Regulators</u> <u>Manage Facilities</u> <u>Archive</u>	Training	712	ining		raining	
Version 2.23.0013 Enhand	ements <u>CERS Central</u> California Environmental Report	ing System: Busines	s I © 2017 California Env	Diagnostics Con	nditions of Use Priva	cy Policy <u>Contact</u> <u>Help</u>
aining	CERS Unified Progr	Technical Support: E am/General Assista	Request Technical Assistance: Contact your local r	ance egulator(s)	(Je., 2)	aining



Using CERS for Multi-Facility Businesses





CERS HMBP Submittal Elements

Business Activities

- Business Owner/Operator Identification
- Hazardous Materials Inventory
- Site Map
- Emergency Response/Contingency PlanEmployee Training Plan



CERS – Required Forms Business Activities

- Critical form information places facility into various programs for CUPA permitting, fee and inspection processes
- Cannot be submitted or updated using Bulk Upload functions in CERS
- What?? This is a real limitation in CERS, while certain data fields (like CERSID, address) should be locked, there seems little reason for others to be locked also



CERS Business Activities





CERS Business Activities

-Site Identification Facility Name Edit CERSID Yorke Business #2 10166522 Confirm and LInda							
Business Site Address Edit Edit EPA ID Numl 54321 Business St Your Town, CA 91915 County: San Diego	view/Edit Location Map						
-Hazardous Materials							
Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive local inventory reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?							
-Underground Storage Tank(s) (UST)							
Does your facility own or operate underground storage tanks? 🐵	●Yes ○No						
-Hazardous Waste							
Does your facility generate Hazardous Waste? @ If yes, provide an EPA Identification Number (EPA ID).							
Does your facility treat hazardous waste on-site? 🔞							
Is your facility's treatment subject to financial assurance requirements (for Permit by Rule or Conditional Authorization)? 🔞							
Does your facility consolidate hazardous waste generated at a remote site? <i>e</i>							



CERS Business Activities

_	Save Cancel						
-Site Identification-							
Facility Name Edit CER SID Yorke Business #2 10166522 Business Site Address Edit EPA ID Number 54321 Business St CA1234567 Your Town, CA 91915 County: San Diego	View/Edit Location Map						
-Hazardous Materials-							
Does your facility have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or is regulated under more restrictive local inventory reporting requirements (shown below if present); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70? @							
Underground Storage Tank(s) (UST)							
Does your facility own or operate underground storage tanks? 🔞							
- Hazardous Waste							
Does your facility generate Hazardous Waste?							
If yes, provide an EPA Identification Number (EPA ID).	®Yes ○No						
Does your facility treat hazardous waste on-site? 🔞	⊙Yes ⊛No						
Is your facility's treatment subject to financial assurance requirements (for Permit by Rule or Conditional Au	uthorization)? Yes No						
Does your facility consolidate hazardous waste generated at a remote site? 😢							
If yes, provide an EPA Identification Number (EPA ID).							



CERS HMBP Submittal Elements

- Business Activities
- Business Owner/Operator Identification
- Hazardous Materials Inventory
- Site Map
- Emergency Response/Contingency PlanEmployee Training Plan


CERS Business Owner/Operator

Identification





CERS – Required Forms Business Owner/Operator Identification

- Business Owner/Operator Identification Form
 Key Definitions
 - Operator Name and Contact Information
 - Facility/Site Mailing Information
 - Owner Name and Contact Information
 - Billing Contact Name and Contact Information
 - Primary and Secondary Emergency Contact Information
 - Environmental Contact Information



- Business Owner/Operator information can be uploaded for multiple facilities in CERS using spreadsheet templates
- The benefits of bulk uploads for multifacility businesses include:
 - Ability to leverage other database information
 - Consistency in data used for multiple facilities
 - Reduces data entry time and error potential



- Bulk uploads into CERS are done using standard templates available for download in CERS (Excel Tables)
- Typically the easiest starting point for an existing business is downloading the current business information from CERS





Business Owner/Operator Identification Download Current Reports





Business Owner/Operator Identification Download Current Reports

alifornia Environmental Reporting System: Business	Train Build: 2.2	ing 3.0013	Robert Bondere	r's Account Sign Out	Tools Reports Hel
CERS Business	Home	Submittals	Facilities	Compliance	My Business
Reports Home » Reports					
Unified Program Regulators Listing A listing of contact information for all Unified Program Certified Unified Agencies (CUPAS) and Participating Agencies (PAs).	Program	Download Submit Download a Micros data for all of the fa	ted Inventories for All M soft Excel spreadsheet acilities associated with	y Facilities of submitted Hazardous your currently selected	Material Inventory Organization.
Unified Program Local Reporting Requirements Listing View/search/download local reporting requirements for all CUPAs state You may also want to review the CERS Tools page.	ewide.	Download Last Su Download a Micros information for all o	ibmitted Owner/Operator soft Excel spreadsheet of the facilities associat	Data of the last submitted Ov ed with your currently se	mer/Operator elected Organization.
ening		Download Facility Download a Micros facilities associate facility name, addr	Information for All My F soft Excel spreadsheet d with your currently se ess, contact, and busin	Facilities of extended informatior lected Business/Organi ess activities data.	n about all of the zation, including
Version 2.23.0013 Enhancements CERS Central	~~	31	Diagnostics C	Conditions of Use Priva	icy Policy Contact Help
California Environmental Rep CER Unified Pro	orting System: Busine S Technical Support: ogram/General Assista	ss © 2017 California Env Request Technical Assista ance: Contact your <u>local re</u>	rironmental Protection A Ince equilator(s)	Agency	
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Business Owner/Operator Identification Download Current Reports

	Mr.		No.			
acilities					Add Facility	Search
	Facility Name	▼ Address		٢	Last Submittal	CERS ID
Start / Edit Submittal	Yorke Business #1	123 Business D	r, Thousand Oaks 913	20	1/26/2017	<u>10166042</u>
Start / Edit Submittal	Yorke Business #2		<u>10166522</u>			
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CERSID	BeginningDate	EndingDate	Phone	Fax	DunAndBrad	street
10166042	11/18/2016	11/17/2017	5551234567	5551234567		



Rapidly Edit the Excel File

AI	AJ	AK	AL
128	129	130	131
SECName	SECTitle	SECBusinessPhone	SEC24HrPhone
Cesar Hernan	Regional Ma	(925) 225-3600	916-698-4365
Laurie Kuchin	Regional Ma	(858) 546-8629	858-790-9167
Laurie Kuchin	Regional Ma	(619) 466-0105	858-790-9167
Laurie Kuchin	Regional Ma	(760) 603-8473	858-790-9167
Laurie Kuchin	Regional Ma	(858) 755-7130	858-790-9167
Laurie Kuchin	Regional Ma	(760) 433-9994	858-790-9167
Laurie Kuchin	Regional Ma	(760) 233-4020	858-790-9167
Donnie Marti	Regional Ma	(760) 340-2291	626-543-4574
Annie Chon	Regional Ma	(408) 446-5055	626-482-4651
Annie Chon	Regional Ma	(408) 264-8120	626-482-4651
Donnie Marti	Regional Ma	(951) 781-2378	626-543-4574
Donnie Marti	Regional Ma	(760) 777-1553	626-543-4574
Annie Chon	Regional Ma	(831) 372-2010	626-482-4651
Annie Chon	Regional Ma	(408) 873-7384	626-482-4651
Cesar Hernan	Regional Ma	(559) 222-4348	916-698-4365
Annie Chon	Regional Ma	408-736-7573	626-482-4651
Annie Chon	Regional Ma	(831) 656-0180	626-482-4651
Laurie Kuchin	Regional Ma	(951) 296-9964	858-790-9167

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ENGINE

CERS Business	Home	Submittals	Facilities	Compliance	My Busines
Tools	·····				
Home » CERS Tools					
CUPA Contact Information/Listing		Upload Multi-	Facility (or Very Larg	e) Inventory Submi	ittal Elements
A listing of contact information for all Unified Program Certified U	nified Program Agencies	Upload draft Haza	rdous Material Inventory s	ubmittal elements for one	e or more of your
CUPAs) and Participating Agencies (PAs).		business' facilities.	You will receive an email v	when processing of your in a swinting draft investories	uploaded file is
Business/Organization Listing		vour download wi	lig less than 24 nours). An	y existing drait inventorie vour multi-facility upload	The Site Plan from
Search a listing of all businesses in CERS, and request access to	your	the last submittal f	or a facility in this file will be	e copied to the new draft	submittals created
ousiness/organization.		this tool. This tool	can also be used to unload	a very large inventory (500+ materials) for
		one (or more) fac	ility(s).		
Search a listing of draft submittals that have been replaced by Regi	ulator Seeding		/Operator Data for M	Iultinla Facilitias in	My Business
process.	regulator security	Upload draft Own	er/Operator form data (pa	rt of the Facility Informati	ion Submittal Elem
	2	for multiple facilitie	s. The data in your upload	will replace Owner/Oper	rator data for any
CERS Chemical Library		existing draft Faci	ity Information submittal el	ements for the facilities in	i your download.
View, search, and download the chemical/material information av	ailable in the CERS	Charles Date			
Chemical Library.	1	Statewide Det	download the default man	nittal ElementRegu	llator Mapping
CERS Violation Library	100	regulators via the	facility's ZIP Code. Authori	zed regulators can chang	a new racility to its be a facility's defau
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This is a courtes yemail sent to you from the California Environmental Reporting System <u>http://cers.calepa.ca.gov/</u> Contact: <u>CERS Technical Assistance (cers@calepa.ca.gov)</u>



CERS HMBP Submittal Elements

- Business Activities
- Business Owner/Operator Identification
- Hazardous Materials Inventory
- Site Map
- Emergency Response/Contingency PlanEmployee Training Plan



Hazardous Materials Inventory

	Build: 2.23.0013	Robert Bonderer	' <u>s Account</u> <u>Sign Out</u> <u>Tool</u>	l <u>s Reports Help</u>
CERS Business	Home Submitt	als Facilities	Compliance	My Business
Prepare Draft Submittal: Yorke Busi Home » Prepare Submittal (10166522)	iness #2	410		8
③ Instructions/Help				8
 Select "Start" button to create a submittal from scratch or copie Select "New" and "Edit" buttons to complete specific submittal Select "Discard" button to delete a draft form/documentation wi Select "Not Applicable" if you believe the submittal element is Select "Submit" when you are ready to transmit one or more su 	ed from a previous submittal. I forms or provide supplemental documenta then you need to re-start a form or it is no lo no longer relevant for your facility (e.g., cl ubmittals to your local regulator(s). ALL su	ation. onger relevant for your draft sub osed UST tank). Jomittals must include a Facility	mittal. / Information element.	
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Facility Information	Only! Perform Offic	iai Sudmittais	Here	Submit 🛤
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Hazardous Materials Inventory Manual Entry

Chamical Identifi	action and Dhusiaal Despection	Build: 2.24.0001	Edit
-Chemical Name Mineral Oil Common Name CAS Mineral Oil 801	Number 2-95-1		CERS Chemical Library ID CCL-102327 US EPA SRS ID -
Physical State Liquid	Hazardous Material T Pure	уре 😢	Trade Secret
-Chemical Hazard	Classification		
EH S No	Fire Code Hazard Classes (by priority) Combustible Liquid, Class III-B	DOT Hazard Class e OT Hazard Class e OT Hazard Class e OT Hazard Combustible Liquids	
Radioactive No	-	State Waste Code 🖲	
- Curies	-	Lookup Code	
Federal Hazard Categ	ories	- PHYSICAL: Flammable	
Yes Fire (Obsolete)	- PHYSICAL: Gas Under Pressure	
Yes Reactive (Obs	olete)	- PHYSICAL: Explosive	
Yes Pressure Relea	se (Obsolete)	- PHYSICAL: Self-heating	
Yes Acute Health (Obsolete)	 PHYSICAL: Pyrophoric 	
Yes Chronic Health	(Obsolete)	- PHYSICAL: Oxidizer	
		 PHYSICAL: Organic Peroxide 	
		- PHYSICAL: Self-reactive	
		 PHYSICAL: Pyrophoric Gas 	
		 PHYSICAL: Corrosive to Metal 	
		 PHYSICAL: In Contact with Water Emits Flammable Gas 	5
		 PHYSICAL: Combustible Dust 	
		 PHYSICAL: Hazard Not Otherwise Classified (HNOC) 	
		- HEALTH: Carcinogenicity	
		- HEALTH: Acute Toxicity	
		 HEALTH: Reproductive Toxicity 	
		 HEALTH: Skin Corrosion or Irritation 	
		 HEALTH: Respiratory or Skin Sensitization 	
		 HEALTH: Serious Eye Damage or Eye Irritation 	
		- HEALTH: Specific Target Organ Toxicity	
		- HEALTH: Aspiration Hazard	
		- HEALTH: Germ Cell Mutagenicity	
		- HEALTH: Simple Asphyxiant	
		 HEALTH: Hazard Not Otherwise Classified (HNOC) 	



Hazardous Materials Inventory Manual Entry

- Chemical Location Chemical Location Confidential EPCRA			Average Daily Amount Maximum Daily Amount @ -					
hemical Location Confidential	EPCRA		Largest	t Container Annual Waste Amount 🖲				
lap# (Optional) Grid# (Optiona	1)		- Days or -	- n Site				
Inventory Storage Informa	tion——							
Vo Aboveground Tank Vo Underground Tank Vo Tank Inside Building Vo Steel Drum Vo Plastic/Non-Metallic Drum	No Ca No Ca No Si No Fii No Ba	in Ni Irboy Ni Io Ni ber Drum Ni Ig Ni	 Box Cylinder Glass Bottle Plastic Bottle Tote Bin 	No Tank Truck, Tank Wagon No Tank Car, Rail Car No Other -				
torage Pressure				Storage Temperature				
torage Pressure Mixture Components				Storage Temperature -				
torage Pressure Mixture Components Jazardous Component Name C	AS Number	% by Weight EF	15	Storage Temperature Additional Mixture Components				
torage Pressure Mixture Components Jazardous Component Name C	AS Number	% by Weight EF 	15	Storage Temperature Additional Mixture Components				
torage Pressure Mixture Components Jazardous Component Name	AS Number	% by Weight EF 	15	Storage Temperature Additional Mixture Components				
torage Pressure Mixture Components Jazardous Component Name	AS Number	% by Weight EF 	15	Storage Temperature Additional Mixture Components				



Hazardous Materials Inventory **Download Current Reports**





Again, Your Editable Excel File

A	F	G	Н
tion Informat			Chemical Identification
1a*	205	206	207*
CERSID	ChemicalName	TradeSe	CommonName
10247698	1,1,1,2-Tetrafluoroethane	Ν	R-134a
10247698	diesel	N	diesel fuel
10247698		Ν	muriatic acid
10247698	sodium hypochlorite	Ν	bleach (sodium hypochlorite 12.5%)
10247698	potassium hydroxide	Ν	potassium hydroxide
10247698		Ν	sodium hydroxide 50%
10247698		Ν	Bulab 6060
10247698		Ν	ChemTreat CL-49
10247698	oxygen	Ν	oxygen
10247698	oxygen	Ν	oxygen
10247698	acetylene	Ν	acetylene
10247698	acetylene	Ν	acetylene
10247698	chlorodifluoromethane	Ν	R-22
10247698		Ν	lead acid batteries
10247698		Ν	Water Treatment Chemical (CWT-1100)
10247698		Ν	sodium hypochlorite 10%
10247698	trichlorofluoromethane	Ν	R-11
10247698		Ν	lead acid batteries
10247698		Ν	Cooling Water Treatment Chemical (Water One 691K-C)
10247698		Ν	Floor Absorbent - non-RCA hazardous oily debris
10247698			Hydrochloric Acid 10-33%
10247698	Nitrogen	Ν	Nitrogen
10247698	Sodium Chloride	N	Sodium Chloride

Rapidly search and replace

Import from other data sources (e.g., chemical inventory and reporting systems)

- Rapidly delete chemicals
- Rapidly add chemicals using standardized information



Hazardous Materials Inventory Bulk Upload

		_		_			0			100
7	acilities								Add Facility	Search
		Fac	ility Name	T	Address			Ŧ	Last Submittal	CERS ID
1	Start / Edit Sub	York	e Business #1		123 Business Dr, Thousand Oaks 91320				1/26/2017	10166042
Start / Edit Submittal Yorke Business #2				54321 Business St, Your Town 91915					10166522	
	0.	Page 1	of 1 ())	10 🔻	items per	page			1 - 2 (of 2 items
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A	the second se									
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		uired (None)		Styles				FORL	181
- 		uired (None) • : × •	✓ f _x	StÀles				FOIL	ta i
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Hazardous Materials Inventory **Bulk Upload**

Training California Environmental Reporting System: Business Build: 2.23.0013 Robert Bonderer's Account Sign Out Tools Reports Help **CERS Business** Home Submittals Facilities Compliance My Business Tools Home » CERS Tools CUPA Contact Information/Listing Upload Multi-Facility (or Very Large) Inventory Submittal Elements

A listing of contact information for all Unified Program Certified Unified Program Agencies (CUPAs) and Participating Agencies (PAs).

Business/Organization Listing

Search a listing of all businesses in CERS, and request access to your business/organization.

Search/Restore Draft Submittals Replaced by Regulator Seeding

Search a listing of draft submittals that have been replaced by the regulator seeding process.

CERS Chemical Library

View, search, and download the chemical/material information available in the CERS Chemical Library.

CERS Violation Library

View, search, and download the violation information available in the CERS Violation Library.

Your Browser Software

CERS not quite looking right, or having other problems? Use this to page to identify your browser software before communicating with CERS Technical Support.

Upload draft Hazardous Material Inventory submittal elements for one or more of your business' facilities. You will receive an email when processing of your uploaded file is completed (normally less than 24 hours). Any existing draft inventories for the facilities in your download will be replaced by what is in your multi-facility upload. The Site Plan from the last submittal for a facility in this file will be copied to the new draft submittals created by this tool. This tool can also be used to upload a very large inventory (500+ materials) for one (or more) facility(s).

Upload Owner/Operator Data for Multiple Facilities in My Business

Upload draft Owner/Operator form data (part of the Facility Information Submittal Element) for multiple facilities. The data in your upload will replace Owner/Operator data for any existing draft Facility Information submittal elements for the facilities in your download.

Statewide Default ZIP Code--Submittal Element--Regulator Mappings

View, search, and download the default mappings used to associate a new facility to its regulators via the facility's ZIP Code. Authorized regulators can change a facility's default regulator assignments by searching for a facility and selecting the "Change CUPA" left menu link.



Version 2.23.0013 | Enhancements | CERS Central



Diagnostics | Conditions of Use | Privacy Policy | Contact | Help



Sorry...the Site Map cannot be bulk uploaded



CERS HMBP Submittal Elements

- Business Activities
- Business Owner/Operator Identification
- Hazardous Materials Inventory
- Site Map
- Emergency Response/Contingency Plan
 Employee Training Plan



- Simplest method is to complete the template that can be downloaded from CERS
- Do not use a RCRA Contingency Plan or SPCC Plan – neither of these address your entire chemical inventory





FRS Business	Hor	me Submittals	Facilities	Compliance	My Business
End business		Subinitials	- Highlites	compilance	All Distincts
Emergency Response/C	Contingency Plan: You	rke Business #1			
Home » Prepare Submittal (10166042)) » ER and Training Plans: Emerger	ncy Response/Contingency Plan	(Draft)		
Instructions/Help					8
mergency Response/Contingency	/ Plan(s) Supplemental Docum	entation			
ou must submit an emergency response/	contingency plan for your facility. Con	tact your local regulator for more	information about pro	oviding a suitable plan.	omploto the unlead
se of other document, select the Browse se of other document options shown on	the left must be approved by your loc	aputer to upload, provide a docur al regulator.	nent title, and then se	iect save & Finish to c	ompiete trie upioad.
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onsolidated Emergency Response/Co	ontingency Plan Template: This opti	ional template may be used to sa	atisfy requirements that	t Hazardous Materials E	Business Plans
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CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS) CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID #	1.	CERS ID	AL DATE	OF PLAN PREPARATION/REVISION	A2.
FACILIT ID#		cano no	DATE		
BUSINESS NAME (Same as Facility Name or DBA - Doing Business As)					3.
BUSINESS SITE ADDRESS					103.
BUSINESS SITE CITY		104.		ZIP CODE	105.
			CA		
	A.2	DICIDENTAL OPERA	TIONIC	THE CAR I GO A	44
TYPE OF BUSINESS (e.g., Painting Contractor)	<i>A</i> .	INCIDENTAL OPERA	HONS (e.g.,	Fleet Maintenance)	
THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKI	ES INVO	DLVING: (Check all that	apply)		A5.
☑ 1. HAZARDOUS MATERIALS;					
D INTE	DNIAT	DESDONSE			
B, INTER	KINAI	KESPUNSE			
INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check a	ll that apply)			B1.
1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)					
2. CALLING HAZARDOUS WASTE CONTRACTOR					
3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM					
C. EMERGENCY COMMUNICATION	NS, Pl	HONE NUMBE	RS AND	NOTIFICATIONS	

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the



- Emergency Response/Contingency Plans cannot be uploaded in bulk – each facility has a specific document
- However, Microsoft Office's Mail Merge can be used to complete Word template Contingency Plans for multiple sites simultaneously





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	А	В	С	D	E	F					
1	Store # 🖵	FacilityID	CERSID 🖵	PlanPrepDate	Nearest Medical Name 🔻	Nearest Medical Phone 🗸	RWQ				
3	1	12345	1234578	12/13/2016	El Camino Hospital	(650) 940-7000					
4	2	12456	12345679	12/13/2016	S. San Francisco Medical Center	(650) 742-2000					
5	3	12347	12345610	12/13/2016	St. Mary's Medical Center	(415) 668-1000					
6	4	12348	12345611	12/13/2016	Sequoia Hospital	(650) 369-5811					
7	5	12349	12345612	12/13/2016	Sequoia Hospital	(650) 369-5811					
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Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN												
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	«CE	RSID»		«PlanPi	repDate»							
BUSINESS NAME (Same as Facility Name or DBA - Doing Business As)												
«Store_Name»												
BUSINESS SITE ADDRESS						103.						
«Address_1»	«Address_1»											
BUSINESS SITE CITY			104.		ZIPCODE	105.						
«City»				CA	«Zip»							
TYPE OF BUSINESS (e.g., PaintingContractor)	A3.	INCIDENTALC	INCIDENTAL OPERATIONS (e.g., Fleet Maintenance)			A4.						
Environmental Consulting												
THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply)												
1. HAZARDOUS MATERIALS; 🔲 2. HAZARDOUS WASTES												
B. INTERNAL RESPONSE												
INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply)												
1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)												
A 2. CALLING HAZARDOUS WASTE CONTRACTOR												
3. ACTIVATINGTIN-HOUSE EMERGENCI RESPONSE TEAM												



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CERS HMBP Submittal Elements

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- Site Map
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CERS – Training Program

- The Template Contingency Plan Section I contains a Training Plan template
- Some CUPAs still want a separately uploaded Training Plan – so, how about a screenshot of Section I?
- Some CUPAs specify a distinct set of Training Plan contents "need more specifics than provided by Section I"
- Training Program documents can also be created using Mail Merge



Why Bother With Bulk Functions?

- Vastly speeds up initial loading of facilities/businesses
- Vastly speeds up changes that affect multiple facilities
- Allows creation and use of Excel-based tools that can bring in data from other sources
 - Mail Merge vastly speeds up creation and update of standard documents – Contingency Plans, Training Plans, and also things like the newly scrutinized Property Owner Notifications



Final Comments and Suggestions

- You must understand the Formal differences between different CUPA's programs – i.e., the ones that are laid out in the Local Code
- Informal differences are numerous and can be both inter- and intra-CUPA
- Trying to keep a running 'database' of the informal differences is useful, but difficult – inspector's attitudes and interpretations change, as do assigned inspectors



Final Comments and Suggestions

- Emphasize to CUPA inspectors and managers the need for consistency, even with Informal interpretations
- When differences arise between inspector views, ask them to resolve internally if possible
- Default to the Local Code challenge Informal guidance and interpretations



Final Comments and Suggestions

- Learn to use the upload and download functions in CERS, even if you're only managing a single facility
- Learn to use Mail Merge:

https://support.office.com/en-us/article/usemail-merge-for-bulk-email-letters-labels-andenvelopes-f488ed5b-b849-4c11-9cff-932c49474705





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