

Back to Basics – HMBP and Hazardous Waste for Beginners

Jayme Dryden, Ashworth Leininger Group Session: M-H4

March 20, 2023



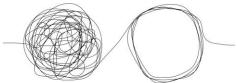


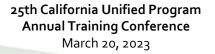


 Review CUPA related environmental programs that apply to industrial/commercial practices to remind, refresh, and/or provide awareness for first-timers.

Specifically with respect to:

- 1. Hazardous Materials Business Plan (HMBP)
- 2. Hazardous Waste





Poll No. 1

Who are you representing today? (e.g. State, CUPA, Industry, School, etc.)





Hazardous Materials Business Plan (HMBP)



Poll No. 2

How many HMBPs have you submitted within the last two years?

- a) None
- b) 1-5
- c) 6 20
- d) More than 20



Poll No. 3

Which HMBP upload spreadsheets have you used?

- a) Owner/operator data
- b) Hazardous materials inventory
- c) Both
- d) Neither





What do you find to be most confusing about the HMBP program/submittal?



Hazardous Materials Business Plan (HMBP) – Common Violations/Issues

- HMBP not readily accessible during inspection
- HMBP not re-certified annually
- CERS "Not Accepted" status not addressed in a timely manner
- CERS inventory not current/complete
- Inadequate and/or undocumented employee training



Hazardous Material Basics

- 1. Know where to find the safety data sheet (SDS)
- 2. Store chemicals in an appropriate manner
- 3. Put chemicals away when not in use
- 4. Preference on keeping chemicals in their original containers; minimize secondary containers
- 5. Dispose of chemical in a proper manner
- 6. Manage hazardous materials in a manner to reduce/ eliminate Likelihood of release



25th California Unified Program Annual Training Conference March 20, 2023



Hazardous Materials & Applicability



• What is a hazardous material?

- Any material that, because of quantity, concentration, or physical or chemical characteristics, poses a significant present or threatened hazard to human health and safety or to the environment, if released into the workplace or the environment [Health and Safety Code, Section 25501(0)]. (All hazardous waste is considered to be a hazardous material.)
- A hazardous material is essentially anything that requires a safety data sheet (SDS).



Hazardous Materials & Applicability

- Hazardous Materials Inventory thresholds*:
 - > 55 gallons (liquid)
 - 500 pounds (solid)
 - 200 cubic feet (compressed gas)
- There are some reporting thresholds exceptions:
 - Example: Simple asphyxiants (nitrogen, helium, argon, neon, krypton, xenon) and mixtures of these gases containing 21% or less of oxygen > 1,000 ft³)
- HMBP due <u>March 1st unless local ordinance lists otherwise</u>



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California Environmental Reporting System: Business

CERS Business

Navigating through CERS



ALIFORNIA

CERS holds so much more than the HMBP report.

- Submittal history
- CUPA comments
- Reporting status
- Downloads
- CUPA contact info
- Local CUPA requirements
- and more ...

Navigating through CERS - Tools

California Environmental Reporting System: Business

CALIFORNIA

Jayme Dryden's Account Sign Out Tools Reports Help

CERS Business					
TOOIS Home » CERS Tools					
CUPA Contact Information/Listing				<u>ge) Inventory Subm</u>	
A listing of contact information for all Unified Program Certified Unified Progr CUPAs) and Participating Agencies (PAs).	ram Agencies			submittal elements for or il when processing of you	
COFAS) and Fanicipating Agencies (FAS).				ny existing draft inventor	
Business/Organization Listing			•	n your multi-facility uploa	
Search a listing of all businesses in CERS, and request access to your		the last submittal fo	r a facility in this file will	be copied to the new dra	aft submittals created
ousiness/organization.				pload a very large invent	ory (500+ materials) f
Search/Restore Draft Submittals Replaced by Regulator Se	oding	one (or more) facilit	iy(s).		
Search a listing of draft submittals that have been replaced by the regulator		Upload Owner/	Operator Data for M	Multiple Facilities in	My Business
process.	occurry			rt of the Facility Informat	
		for multiple facilities	. The data in your uploa	d will replace Owner/Op	erator data for any
CERS Chemical Library		existing draft Facilit	y Information submittal	elements for the facilities	in your download.
/iew, search, and download the chemical/material information available in the	he CERS	Statowido Dofa	ult 7ID Code Subr	nittal ElementReg	ulator Mannings
Chemical Library.				ppings used to associate	
CERS Violation Library				rized regulators can char	
/iew, search, and download the violation information available in the CERS	Violation	regulator assignme	nts by searching for a fa	cility and selecting the "C	Change CUPA" left
ibrary.		menu link.			
Your Browser Software					
CERS not guite looking right, or having other problems? Use this to page to	identify your				
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Navigating through CERS - Reports

Ζ

Reports				
Home » Reports				
	C		`	
Unified Program Regulators Listing	Download Submitted Inve			
A listing of contact information for all Unified Program Certified Unified Program Agencies (CUPAS) and Participating Agencies (PAs).	Download a Microsoft Exc			
(COPAS) and Participating Agencies (PAS).	for all of the facilities assoc	clated with your cu	rrently selected Organi	zation.
Unified Program Local Reporting Requirements Listing	Download Last Submitted	Owner/Operator D	ata	
View/search/download local reporting requirements for all CUPAs statewide.	Download a Microsoft Exc			er/Operator informatio
	for all of the facilities assoc	ciated with your cu	rrently selected Organi	zation.
CUPA Evaluation Documents				
Search/download CUPA Evaluation Documents by year.	Download Facility Informa	•		
Unified Program Agency Enforcement Summaries	Download a Microsoft Exc			
Search/download Formal Enforcement Summary documents received from CUPAs.	associated with your current address, contact, and busi			iding facility name,
	address, contact, and busi	ness activites dat	u.	
You may also want to review the <u>CERS Tools page</u> .				

CERS - HMBP Reporting

• Elements of an HMBP Submittal:

- Owner/Operator Information
- Business Activities
- Chemical Inventory
- Site Map
- Emergency Response/Contingency Plan
- Aboveground Petroleum Storage Act (APSA), if applicable
- Underground Storage Tank (UST), if applicable

Annual HMBP Certification (AB 1429)

This feature allows a business owner/operator to annually certify that the information in their last HMBP submittal in CERS is complete, accurate, and complies with EPCRA, if applicable. This option may only be used for facilities that meet the eligibility requirements for annual certification, and that are not subject to EPCRA reporting or APSA requirements. Please click <u>here</u> to review eligibility requirements. It is strongly advised that you carefully review your last HMBP submittal for accuracy before certifying.

Facility Information		Submit R	
Business Activities 🚔	Ready	to Submit 🛛 Ed	dit .
Business Owner/Operator Identification	Ready	to Submit Ed	łit
Discard Draft Submittal Image Miscellaneous State-Required Documents State Add Comment To Regulator			
Unified Program Local Reporting Requirements for Los Angeles County Fire Department Regulated facilities in this jurisdiction are required to report the number of employees, APN number and the property	owner name, address and phone	number.	
Hazardous Materials Inventory		Submit 🗟	8
E Hazardous Material Inventory (51) Add Material	Ready to 3	Submit Discar	rd
Site Map (Official Use Only): Upload Document(s)	Ready to Submit	Edit Discar	rd
Discard Draft Submittal To Miscellaneous State-Required Documents State Add Comment To Regulator			
Regulated facilities in the City of Monrovia are additionally resulted to report quantities of hazardous materials equ California Fire Code permit amounts, whichever is lower. (CFC chapter 105 and section 2701.5.2).	al to or more than the state thres	holds or the	
Emergency Response and Training Plans	DRAFT Feb. 27, 2023	Submit 🛤	≥
💽 Emergency Response/Contingency Plan: Upload Document(s) 👼	Ready to Submit	Edit Discar	rd
Employee Training Plan: Provided Elsewhere in CERS	Ready to Submit	Edit Discar	rd
Discard Draft Submittal Miscellaneous State-Required Documents State Add Comment To Regulator			
Aboveground Petroleum Storage Act	DRAFT Feb. 27, 2023	Submit 🛤	≥
APSA Facility Information	Ready to Submit	Edit Discar	rd
Aboveground Petroleum Storage Act Documentation: Provided Elsewhere in CERS	Ready to Submit	Edit Discar	rd
Discard Draft Submittal Miscellaneous State-Required Documents - Add Comment To Regulator			



CERS – Owner/Operator

- Important to keep contacts current:
 - Primary & Secondary, Environmental AND Billing
- APN & number of employees required by several CUPA per Local Ordinances
- Don't forget property owner is to receive at least one notification that an HMBP has been filed



					Save Cancel
-Site Address					Save Cancel
Test Site 123 Test Van Nuys, CA 91408					
-Identification					
Operator Name 😐			Beginning Date @		
Operator Phone	Business Phone 🕏	Business Fax 😨	Dun & Bradstreet 🕯	SIC Code @ Primary	NAIC S 😨
-Facility/Site Mailin Mailing Address @	g Address	Copy address	Primary Emerge		
123 Test			First & Last Maine		
City 😨		State @ ZIP/Postal Code @	Title		
Van Nuys		CA 91406			
			Business Phone	24-Hour Phone 🤨	Pager Number 🛛
-Owner-		Copy address			
First & Last Name 😨		Phone 🥶			
			Secondary Emer	rgency Contact	
Mailing Address 🤨			Name 😐		
-					
City 🥶		State ZIP/Postal Code	Title 🤨		
Country			Business Phone @	24-Hour Phone @	Pager Number 😨
United States	Y For Internatio	onal Address	Dusiness Filone @	24-Hour Filone @	ager Humber e
-Billing Contact		Copy address	Environmental C	Contact	Copy address.
First & Last Name		Phone	First & Last Name		Phone @
			Jayme Dryden		805-764-6005
Email 😨			Email 🥶		
			jdryden@algcorp	.com	
Mailing Address			Mailing Address @		
			601 E Daily Drive	, Ste 302	
City		State ZIP/Postal Code	City		State ZIP/Postal Code
			Camarillo		CA 93010
Country			Country		
United States	For Internation	onal Address	United States	For Interna	tional Address
Name of Signer 🛙		Title of Signer 😨		Name of Document Prepar	er 😢
				Jayme Dryden	
Additional Information	0				
-Locally-Collected					
Some or all of the fo	llowing fields may be requ	uired by your local regulator(s)			
-Property Owner-			Assessor Parcel Nu	imber (APN) 🕫	
		Copy address			
First & Last Name		Phone	Number of Employe	es 🖻	
Mailing Address			4		
maning Address			Facility ID (Regulat	or Provided) 🥶	
City		State Zip Code			
City		state Zip Code			
Country					
United States	✓ For Internat	ional Address			

CERS – Business Activities

- Indicate what activities/operations are present
- Keep a look-out for local ordinance requirements
- If you click that you generate hazardous waste, CERS will validate EPA ID number (new)
- APSA is similar to but not the same as SPCC
- Click on
 for more detailed information



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cordially 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 Image: Solid S	,	View/	Edit Loc	ation Map
end for compressed gases (include liquids in ACTs and UDTs); or is regulated under more reactively local based based on generates in 40°CFR pet 353, 40 or 70° e readological materials in quantities for which an emergency plan is required parsuant to 10 CFR pet 353, 40 or 70° e reground Storage Tank(c) (UST) cour facility own or operate underground storage tanks? e our facility to the hardback storage in the storage tanks? e an EPA Identification Nurber (EPAID) is required. e our facility constitute hardback waste on site? e an EPA Identification Nurber (EPAID) is required. e our facility constitute hardback waste generated at a remete site? e an EPA Identification Nurber (EPAID) is required. e our facility constitute hardback waste generated at a remete site? e an EPA Identification Nurber (EPAID) is required. e our facility constitute hardback waste generated at a remete site? e an EPA Identification Nurber (EPAID) is required. e our facility generate in any single calendar morth 1.000 klograms (tq) (2.000 pounds) or more of RCRA (Identify regulated) hazardous waste, or e is in any single calendar morth 1.000 klograms (tq) (2.000 pounds) or more of RCRA Lange Quantify Generator e is in any single calendar morth site (IAAD) is required. e For the facility a Household Hazardous Waste (#HM) Collection site? e see CUPA for required forms. e e e control required forms. e e control required forms. e e control required forms. e is hold barogroup periodea	rdous Materials			
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ar facility own or operate aboveground petroleum storage tanks or containers AND.		mpted recyclable materials (per HSC 25143.2)? 🔹	Yes	No
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ze Prevention (CalARP) Program? 🖲 OYes No	ulated Substances-			
coordinate with your local agency responsible for CalARP. CERS does not currently support any data entry or document uploads for CalARP.	se Prevention (CalARP) Program?	c	Yes	●No
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If yes

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If yes requir Is you

-Exclu

rovide any additional information as necessary and/or required by your local regulator(s). 👻

CERS - Inventory

Include all materials that exceed the reporting thresholds (*in aggregate*):

- State:
 - ➢ 55 gallons
 - ➢ 500 pounds
 - ➢ 200 cubic feet
- Local Ordinance:
 - May be less than State



SAMPLE CERS SUBMITTAL For EACH entry you create, complete the following fields. See GLOSSARY on the next page for additional information and guidance.

	Chemical Identification and Physical Properties-		
	Chemical Name		CERS Chemical Library ID
A.1	Common Name	CAS Number	US EPA SRS ID
A.2	Physical State Hasandous Male OSolid OLiquid OGes OPure OMb		Trade Secret OYes: ONo
	Chemical Hazard Classification		
B.1	EHB Fire Code Hazard Classes (by prior) OY66 ON0 Restoretive OY66 ®No Cartes View/Edit Additional Firecodes	by) DOT Hazerd Class @ v stats Waste Code @ Lookup.Code B.3	V
B.2	Nederal Haster Chigarite PH/9702AL: Prestate PH/9702AL: Set Neeting PH/9702AL: Set Neeting PH/9702		
	Inventory Location and Quantity		
	Chemical Location Chemical Location Chemical Location Confidential EPORA (Yes No Map # (Optional) Grid # (Optional)	Arerage Daily Ansust National Waste Ansust C.2 Largest Costainer Annual Waste Ansust C.3 Days on Site	C.4
D.1	Inventory Storage Information Advergessel Tank Con Dearey Optind Underground Tank Cachoy Optind Tank Inside Batelling Sto Stee Optind Plantic/Non-Metallic Drum Bag Totle Bag	Sotte Other	
	Storage Pressure OAmbient OAbove Ambient OBelow Ambient	Storage Temperature Cambient Cabove Ambient OBelow Ambient	Ocryogenic
	Mixture Components	· · · · · · · · · · · · · · · · · · ·	
	Hazardous Component Name CAS Numbe	r 5. by Weight W EMS Additional Michare Comp Ves ONO Ves ONO Ves ONO	oments 🖻
		OYes ONo	¥

CERS SUBMITTAL GLOSSARY

	nical Identification and Phy	
A.1	Common Name	Enter the appropriate description of the waste (reference page 1 for examples).
A.2	Physical State	Select "Solid", "Liquid", or "Gas". CERS will not let you choose more than one
		physical state. Separate inventory items need to be created for different states.
A.3	Hazardous Material Type	Select "Waste".
A.4	Trade Secret	Select "Yes" or "No".
Cher	nical Hazard Classification	
	EHS (Extremely	Select "Yes" or "No". If the retail products in this category include mixtures
B.1	Hazardous Substance)	containing EHSs, answer "No" to this field and follow the instructions in section E
	Hazardous Substance)	below. The definition of EHS can be found in 40 CFR, Part 355, Appendix A.
		Enter the applicable waste code. CERS will not let you enter more than one 3-digit
B.2	State Waste Code	waste code, but the waste code can be found on the Uniform Hazardous Waste
		Manifest, generator's waste profile, or in 22 CCR Appendix XII.
	Federal Hazard	Select the Federal Hazard Categories that are applicable to the retail items in this
B 3 1	Categories	waste category. You may also provide specific information in the "Additional
	categories	Chemical Description Information" box at the bottom of the page.
Inve	ntory Location and Quantity	Y
C.1	Largest Container	Enter the volume of the largest container storing the waste.
C.2	Maximum Daily Amount	Enter the maximum volume of waste to be stored onsite at any one time.
C.3	Annual Waste Amount	Enter the total volume of waste that is expected to be generated.
C.4	Units	Enter the units of measure for the waste. The units of measure are not required to
0.4	onits	match the physical state.
Inve	ntory Storage Information	
		Select all the container types that are used to store the waste. Multiple container
D.1	Storage Containers	types can be chosen, and "Other" can be selected if the container type is not
		available to select.
Addi	tional Chemical/Material D	escription
	This section is not required	d, but may be used for any of the following:
E.1	 Describe the differ 	rent types of retail wastes included in your entry
E.1	 Indicate if any special 	cial handling is required
	 Any additional info 	

*Sample from San Diego County CUPA Retail Reporting Guide

Bulk Downloads & Uploads

Where & how:

- Owner/Operator information
 Under "Tools" button
- Chemical Inventory
 - Under the "Inventory" element for single facility
 - Under "Tools" for multi-facility

Tips:

- Don't alter the template
- Don't wait until the last minute

Upload your facility's inventory by choosing your inventory spreadsheet using the form to the right. Uploade inventory spreadsheets must match the columns and format as shown in the <u>CERS Hazardous Material</u> <u>Inventory Upload Template</u>. Currently CERS only support the Excel version 2007 and above format (xlsx extension)

Cal/EPA does not recommend more than approximately 500 materials per upload (which can take 60-100 seconds to upload/process). Larger inventories can be either, (1) divided into separate spreadsheets and uploaded using the "Append to Existing Inventory" option, or (2) uploaded for deferred processing as a single large inventory file (or a single upload file with inventories for multiple facilities) using the <u>Multi-Facility</u> Inventory page.

If your facility already has inventory entries in CERS, you can also download your facility's current inventory using the Hazardous Material Inventory <u>Download</u> functionality, edit, and reupload your inventory using this form.



Upload draft Hezerolous (Asterie) inventory submittal elevents 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 tacilities 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).

Uploted Owner/Operator Data for Multiple Facilities in My Business

Upload one Opener/Operator form that (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.

	-Inventory Actions-	
7	Upload Inventory	Inventory Reports
	Download Inventory	CERS Chemical Library
	Search Facility's Inventory	

baded L Ex	Upload Inventory Inventory Excel Spreadsheet Choose File No file chosen
00 nd single	Replace/Append Existing Inventory Select Option Upload Inventory Cancel
ntory this	

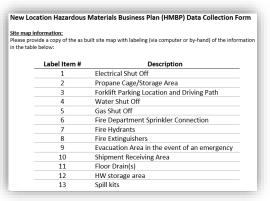


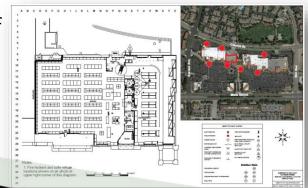
CERS – Site Map

The local CUPA may require submission of one or both of the site maps described below:

- A general site plan that can include, but not be limited to, the location of buildings, exterior storage facilities, permanent access ways, evacuation routes, parking lots, internal roads, chemical loading areas, equipment cleaning areas, storm and sanitary sewer accesses, emergency equipment and adjacent property uses.
- A building floor plan that includes hazardous materials storage areas within the building, rooms, doorways, corridors, means of egress and evacuation routes.

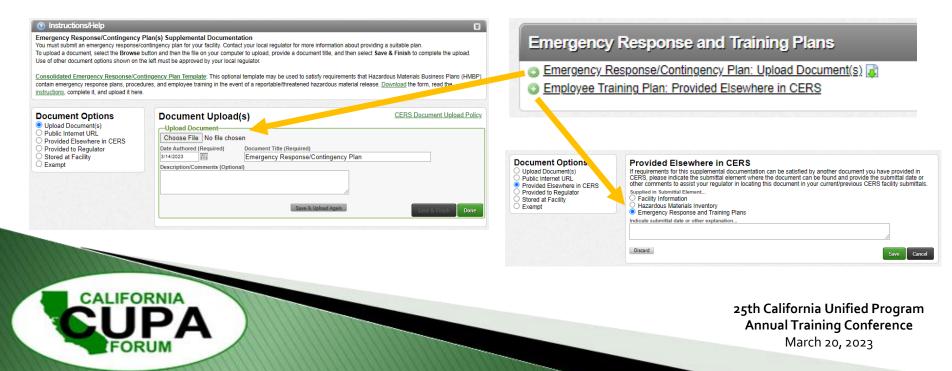






Emergency Response / Contingency Plan

An **Emergency Response/ Contingency Plan** outlines who to call, what to do, and where emergency response equipment/supplies are located, if needed.



Emergency Response / Contingency Plan

Agency contact information:

- CUPA emergency number
- Water Board
- OES, NRC, DTSC, etc.

Site specific information:

- Site emergency contacts
- Medical center/ hospital
- Response equipment & locations
- Earthquake vulnerable locations
- Training program



	CALIFORN	IA ENVIRONM	ENTAL RE	PORTING S	VSTEM (C	TERS)		
	LIDATED E	MERGENC	Y RESP	ONSE / C	ONTI	NGÉN		
		DENTIFICAT						
FACILITY ID #		A1.	CERS ID #	A2.		PLAN PRE	PARATION/REVIS	SION A3.
BUSINESS NAME (Same as I	Facility Name or DBA	 Doing Business As) 						A4.
BUSINESS SITE ADDRESS								A5.
BUSINESS SITE ADDRESS								
BUSINESS SITE CITY				A6.	СА	ZIP COI	DE	А?.
TYPE OF BUSINESS (e.g., Pr	ainting Contractor)		A8. INC	DENTAL OPER		, Fleet Mair	ntenance)	A9.
THIS PLAN COVERS CHEM	ICAL SPILLS, FIRES	, AND EARTHQUAK	ES INVOLVI	G (Check all that	apply):			A10.
1. HAZARDOUS MATER	RIALS; 🔲 2. HAZAB	RDOUS WASTES						
		B. INTEL						
INTERNAL FACILITY EMER 1. CALLING PUBLIC EM 2. CALLING HAZARDOU 3. ACTIVATING IN-HOU	ERGENCY RESPONI	DERS (e.g., 9-1-1) CTOR	heck all that a	ply):				81.
C. EMERG	ENCY COM	MUNICATION	NS, PHON	E NUMBE	RS AND	NOTI	FICATIONS	
In the event of an emergency in 1. Notify facility personale and 2. Notify local emergency resp 3. Notify the local Unified Proy 4. Notify the State Warning Cc Facilities that generate, treat, st is an imminent or actual emerge of facility and type of release in 1. Title 22 California Code of 3. Title 40 Code of Federal Re 4. Title 22 California Code of Tharardoss wate in any cales	evacuate if necessary onders by calling 9-1-1 gram Agency (UPA) at nter at (800) 852-7550 ore or dispose of hazar ency situation such as a wolved: Regulations §66265.19 gulations §66265.4 Notif Regulations §66262.3	in accordance with the ; ; the phone number bele , dous waste have additi in explosion, fire, or rel . Emergency Procedure 6. Response to Leaks o fication requirements fo	Emergency Ac ow; and onal responsibi ease, the Emer s for generator r Spills and Die r a release of a	ion Plan (Title 8) lities to notify and gency Coordinator of 1,000 kilogram position of Leakin hazardous substat	California Coo l coordinate w r must follow ms or more of ng or Unfit-fo see equal to o	vith other re the appropri hazardous r-Use Tank r greater tha	sponse agencies. Wh iate requirements for waste in any calendar Systems. n the reportable quar	the category r month. ntity.
Following notification and befa and the local fire department's 1 1. Provide for proper storage as the facility; and 2. Ensure that no material that i procedures are completed.	hazardous materials pro nd disposal of recovere	ogram, if necessary, the d waste, contaminated	t the facility is soil or surface	in compliance wi water, or any othe	th requirement r material that	ts to: t results fro	m an explosion, fire,	or release at
EMERGENCY RESPONSE	AMBULANCE, FIR	E, POLICE AND CHP					9-1-1	
PHONE NUMBERS:		TE WARNING CENT	· · · ·				· · · · · · · · · · · · · · · · · · ·	
		ONSE CENTER (NRC)					(800) 424-880	
		CENTER					(800) 222-122	22
	LOCAL UNIFIED P	ROGRAM AGENCY	(UPA)			0		C1.
	OTHER (Specify):					64		C5.
NEAREST MEDICAL FACILI	ITY / HOSPITAL NAM	ME:						
AGENCY NOTIFICATION PI	HONE NUMBERS:	CALIFORNIA DEP REGIONAL WATE				· · · · ·	(916) 255-354	45 C6.

Aboveground Petroleum Storage Act (ASPA)

You are required to file an APSA Tank Facility Statement *if*:

- Your tank facility is subject to the oil pollution prevention regulations in the Code of Federal Regulations, Title 40, Part 112 (aka SPCC) **OR**
- Your tank facility has petroleum products in aboveground containers, equipment or tanks, including tanks in underground areas, with a shell capacity equal to or greater than 55 gallons where the combined quantity at the facility meets or exceeds 1,320 gallons **OR**
- Your tank facility has one or more tanks in an underground area (TIUGA) **AND**
- You are not required to submit an HMBP, such as federal facilities (e.g. military bases) and residences, other than single family homes* that have home heating oil tanks

Aboveground Petroleum Storage

Does your facility own or operate aboveground petroleum storage tanks or containers AND: have a total aboveground petroleum storage capacity of 1,320 gallons or more, OR have one or more petroleum tanks in an underground area?

●Yes ONo

ASPA, cont.

- Do NOT upload your Spill Prevention, Control & Countermeasure (SPCC) Plan into CERS
- If APSA documentation is requested by CUPA, choose "Provided Elsewhere in CERS" indicating the Inventory
- Utilize Office of the State Fire Marshal resources for FAQs and background

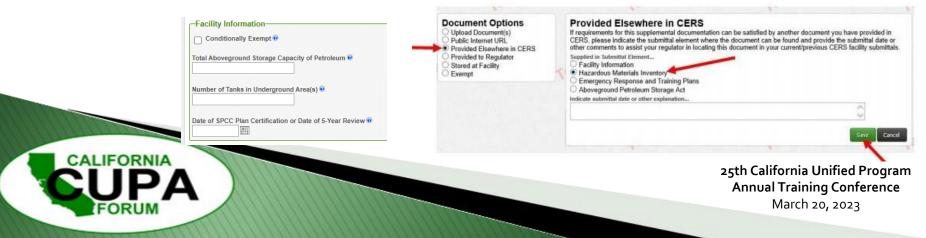


The following information is intended to assist Unified Program Agencies (UPA), the regulated community, and other stakeholders in understanding the provisions for facilities per the Aboveground Petroleum Storage Act (APSA) found in the California Health and Safety Code (HSC), Division 20, Chapter 6.67 cf.

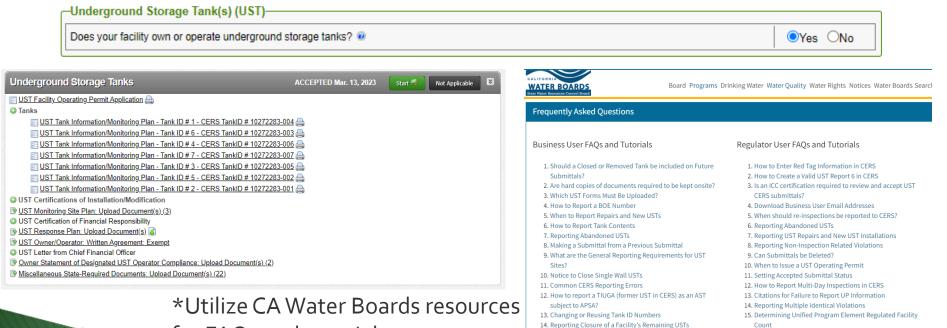
Disclamer: The information contained herein as a whole or any specific element of the information contained herein does not replace or substitute for any statutory or regulatory provisions, nor is the information contained herein a regulation in itself. In the vert of a conflict between the information contained herein and any statutor or regulatory, the information contained herein would not be controlling. Furthermore, nothing contained herein should be considered legal advice nor be considered a substitute for seeking legal guidance in regulat to institutory or regulatory provision. Thus, information contained herein does not impose legally binding requirements on the State, UPAs, or the regulated community, and might not apply to a particular situation based upon certain circumstances.

References cited herein are subject to change and information will be revised as necessary to reflect any relevant future statutory or regulatory amendments.

Do I have to file an Aboveground Petroleum Storage Tank Facility Statement if I have already submitted a Hazardous Materials Business Plan?



Underground Storage Tank (UST)



15. Split Facility Feature: Transferring a UST to Another Facility

16. Reporting Archived, Previously Closed but Unreported UST

17. Discarding Previously Closed Tanks from Future UST

Submittals

16. Assigning Existing USTs to a New Facility

18. Reporting Closed USTs When No Business Lead is Available

19. Using CERS Reports to Ensure Accurate UST Facility and

25th California Unified Program Annual Training Conference March 20, 2023

17. When to Review UST Records

Tank Counts

for FAQs and tutorials



HMBP submittal complete, now what?

Revisions are required within 30 days of significant change, such as:

- Greater than 100% increase in quantity of hazardous material/waste
- Begin handling previously undisclosed hazardous material/hazardous waste meeting the reportable quantities
- Change in emergency contacts
- Change in business name, ownership, or address





Strrrretch Break!





Hazardous Waste



Poll No. 5

What type of hazardous waste category is your site (or do you mainly inspect)?

- a) Small Quantity Generator (SQG)
- b) Large Quantity Generator (LQG)
- c) Unsure
- d) I don't have any hazardous waste



Poll No. 6

What issue(s) do you see with respect to HW compliance at your site(s)? Check all that apply.

- a) Waste determinations
- b) Container management
- c) Inspections
- d) Training
- e) Recordkeeping



Hazardous Waste – Common Violations

- Failure to obtain and/or keep active EPA ID number
- Failure to keep HW containers closed
- Failure to properly label HW containers & tanks
- HW employee training
- Improperly manage empty containers that previously held hazardous material
- Failure to meet accumulation time requirements





Waste Program Tip

- Implement a Waste Management Program and make it YOUR OWN (literally)!
 - Hazardous waste
 - Universal waste
 - Solid waste
 - Recycling

LIFORNIA

Organics (SB 1383)



Waste Determinations

In general, the person who decides to discard something is responsible for determining if it is a hazardous waste. If you determine the waste is a hazardous waste, you can then determine if the item could be managed as universal waste.

	FEDERAL LAW PRO	STE	
IF FOUND,	CONTACT THE NEARE IS THE U.S. ENVIRONS	ST POLICE OR P	UBLIC SAFETY
THE CALIFOR	INIA DEPARTMENT OF	TOXIC SUBSTA	ICES CONTROL
NAME	100.5	-	
CITY		STATE	70
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EPA WASTEND	CA WASTE NO.	ACCUNUS START DR	
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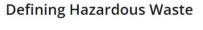




TIP: Create a waste decision tree or matrix

Waste Determinations

- Ask yourself:
 - Is the material a waste?
 - Is the waste excluded or exempted?
 - Is the waste a "listed waste" (i.e., listed in Article 4 or 4.1, or Appendix X)?
 - Does the waste exhibit a characteristic of hazardous waste?
- Review/compare data (i.e., SDS & analytical results) to waste definitions/thresholds



This section contains information on:

1. Hazardous Waste Laws and Regulations

2. Citations Used

3. What is a Hazardous Waste?

I. Listed Waste

- II. Characteristic Hazardous Waste
- III. Used Oil
- IV. Mixture & Derived-From Rules
- V. Contained-In Policy
- 4. Additional Information and Resources

https://dtsc.ca.gov/defining -hazardous-waste/



Basic HW Definition

- A waste is Hazardous Waste ("HW") if it is:
 - Characteristic Waste (22 CCR Article 3)
 - **T**oxic (specific testing is required)
 - **R**eactive (explosive, toxic gas)
 - □ Ignitable (flash point <140 deg F.)
 - Corrosive (pH <2 or >12.5)



Listed Waste - Listed as posing a threat in the absence of special regulation; posing a threat even if properly managed, exhibits a hazardous waste characteristic, otherwise hazardous



Basic UW Definition

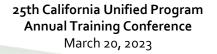
- Universal wastes are hazardous wastes that were determined to pose a lower immediate risk to people and the environment compared to other hazardous wastes.
- Universal Wastes per CA Regulations:
 - 1. Batteries
 - 2. Lamps
 - 3. Electronic Devices
 - 4. Cathode Ray Tubes (CRTs)

- 5. CRT Glass
- 6. Mercury Wastes
- 7. Non-Empty Aerosol Cans
- 8. Photovoltaic (PV) Modules











Hazardous & Universal Waste Basics

Requirements	Hazardous	Universal
Types of Waste	Characteristic and/or Listed (EPA &/or CA)	Listed as UW in CA
Accumulation Limit	180 days (SQG) / 90 days (LQG)	1 year
Labeling	Full details	Limited details
Manifesting	Required	Not required; Bill of Lading, receipt and/or self-generated record
Regulations	Federal & State	Federal & State
CALIFORNIA		25th California Unified Prog Annual Training Conferen March 20, 2023

HW Labeling

- Mark the HW container with:
 - 1) Words "Hazardous Waste"
 - 2) Generator Information
 - 3) Hazardous Properties of the waste
 - 4) Physical State of the waste (i.e. liquid, solid)
 - 5) Contents of the container
 - 6) Accumulation start date
- Each time waste is added, confirm label matches contents, that container is not leaking, and that lid is secure when done.
- Waste hauler may add the necessary HW labels with DOT requirements upon shipment. Verify they are consistent.





UW Labeling

- Properly label the compatible container:
 - Words "Universal Waste"
 - > Contents
 - (i.e. Universal Waste -- Battery(ies)," or "Waste Battery(ies)," or "Used Battery(ies)"
 - Accumulation start date
- Segregate UW into distinct containers:
 - Don't mix batteries, bulbs & lamps, electronic waste, etc. in one container
- Accumulate UW for no more than 1 year





Empty Labeling

• A container/inner liner > 5 gallons in capacity shall be marked with the date it was emptied and managed within one year



- What is empty?
 - Containers That Held <u>Pourable</u> Materials all material must be removed by any practicable means (including draining, pouring, pumping or aspirating)
 - Containers Holding <u>Non-Pourable</u> Materials no hazardous material shall remain in the container that can feasibly be removed by physical methods, including scraping and chipping, but not rinsing
 - Containers Holding <u>Acute or Extremely Hazardous</u> Waste have been triple-rinsed using a solvent capable of removing the material or equivalent removal
 - Containers Being Sent Back to the Manufacturer for Refilling specific management and requirements in order to follow less stringent HW standards



Waste Inspections

Containers Must Be Inspected Regularly

- Look for labels, container/area condition, spills, etc.
 - If container becomes damaged (including significant dents or evidence of cracks/rust/corrosion) or is leaking, immediately remove waste
 - Ensure HW is compatible with container
 - Keep containers of HW closed & secured except when adding or removing HW
 - Confirm spill/response equipment present, as needed

All waste accumulation areas should be examined!





Weekly HW Inspection Checklist

nstructions: Indicate responses as follows:"\for a deficience, "--" or "NA" for not applicable, & "\angle" for a deficience and the second secon

Inspection Date:

Waste Inspections

- Inspect the hazardous waste accumulation area(s) and HW containers at least weekly by using an inspection guide posted in the accumulation area or a checklist
- Inspection is required, record of inspection <u>not</u>required



	Requirement	Mtnx Shop	Other Area?
AREA MANAGEMENT	Appropriate hazards warning signs are posted (e.g. Hazardous Waste Storage Area, Flammable, No Smoking, etc).		
	Ignitable and reactive wastes are not stored within 50 ft of property line if LQG.		
	Secondary containment is free of liquid accumulation. o No evidence of spills or leaks (If a spill is liceovered, follow site rules for spill reporting and contact the Operations/ Environmental Manager) No accumulated rain water (If there is no evidence or a spill or release and water looks clean, open valve to drain storm water and document on comments section below. Close valve im-		
	mediately when drained out)		
EMPTY	If empty containers are present, they are labeled "empty" and dated. Empty containers must be managed within 1 year.		
ENT	Hazardous waste containers are <u>clean</u> and in good condition (outside of containers is clean, containers free of dents, corrosion, tears, and not bulging).		
N S	Wastes are stored in compatible containers and incompatible wastes are segregated.		
CONTAINER MANAGEMENT	All hazardous waste containers are properly closed. • For open-topped steel drums, the ring bolt should be tightened so that the ring ends are about 3/6" apart. • For lined cardboard boxes, the inner lining must be tied together, and the outer box must be securely closed.		
	At least 3 feet of aisle space between hazardous waste containers (i.e., drums can be lined up		
	on the right and left hand side of the area as you walk in. You must be able to walk up to each drum and read its label.)		
PRELING	Yellow Federal – State Hazardous Waste label is affixed to all containers, and label is complete- ly filled out. Drums are positioned so that labels face the aisle.		
	Hazardouu Waste label must have State and Federal Items on it: Company name, address and BPA ID number EPA (if applicable) and CA waste code (e.g., 352 for oily debris, 221 for used oil) Marked as figuid or solid, as appropriate Market des corrosive, filammable, etc Waste description is included Accumulation start date		
	 Accumulation start date Universal Waster		
	H "Drained Used Oil Filter" drum is present: a Label must indicate content and date of initial accumulation o Accumulation date must be < 1 year onsite (if < 1 ton)		
TIMING	No drums in the HW Accumulation Area exceed 90/180 days since the date waste was first put in the drum. Note: LQG & SQG may not accumulate waste for more than 90 or 180 days, respectively.		
	If present, universal waste, empty containers & drained oil filters are accumulated for < 1 year.		
RESPONSE	Emergency contact information is posted and means of communication available (e.g. phone in area, staff radio or cell phone).		
	Fire extinguisher and spill cleanup materials are immediately available.		

Address issues noted as quickly as possible – at time of inspection, if possible



Emergency Response

- Fire extinguishers
- PPE (e.g. gloves, glasses, etc.)
- Spill kits (e.g. absorbents, bags, brooms, etc.)
- Evacuation routes & assembly point(s)
- LOG vs. SQG Contingency Plan requirements
- Plan in the CALM for the CHOAS!





Hazardous Waste Shipments



Every time hazardous waste is picked up for shipment:

- The waste hauler shall:
 - Bring/print manifest with approved items;
 - Apply proper DOT label, as needed; and
 - Present manifest for trained HW staff to sign (or e-sign).
- Upon review & verification, the site shall sign Hazardous Waste Manifest and keep a copy of the Manifest
- The waste hauler shall provide a copy of the TSDF signed manifest within 45 days of shipment



Hazardous Waste Manifests

- Don't assume hauler knows more than generator
- Confirm hauler accounts for waste properly on manifest
- Verify any new labels added to container
- Send Generator copy to DTSC within 30 days of shipment (if not a full e-manifest)
- Get signed manifest back from TSDF within 45 days of shipment

FORNIA

	P	lease print or type, (Form de	signed for use on eite (12-pitd	n) typewriter.)					Fam	Approved. CMB No. 2050-0038	a Unique
	r F	UNIFORIN HAZARDOU	S 1. Generator ID Number		2 Page 1 of 3. Er	ergency Response	e Phone	4. Vanifes	t Tracking Na	ander	Manifest
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Certification											
by TSDF	E	PA Form 8700-22 (Rev. 3-05) Previous editions are obsole	le.		DESI	GNATED F	ACILITY TO	DESTINA	TION STATE (IF REQUIRED)

Records

- Keep records of all shipments and receipts of HW & UW for 3 years in Hazardous Waste Program Folder.
- Document the length of time you have accumulated waste
- Maintain staff training records
- Recommendation that any correspondence received from an Environmental Agency shall be emailed to EHS Manager/ Corporate in a timely manner
- Recommend saving files in a folder on an internal shared drive and/or a hard copy binder



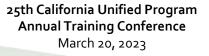




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- Ensure employees receive proper training in waste management, shipment, and spill cleanup as appropriate for job duties
- Those signing hazardous waste manifests need BOTH hazardous waste and DOT training
- LQGs are required to have a written Training Plan per California H&SC §66265.16







Any Questions?



ACG ASHWORTH LEININGER GROUP Los Angeles · San Francisco · Houston Jayme Dryden | Sr. Environmental Engineer | QISP T: 805.764.6005 | M: 805.358.5256 601 E. Daily Dr., Ste. 302, Camarillo CA 93010 jdryden@algcorp.com | www.algcorp.com

