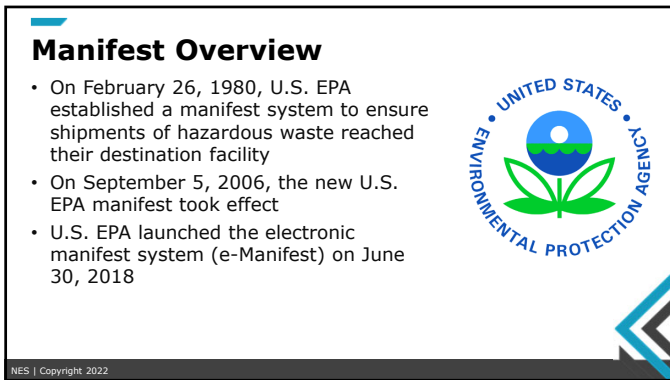
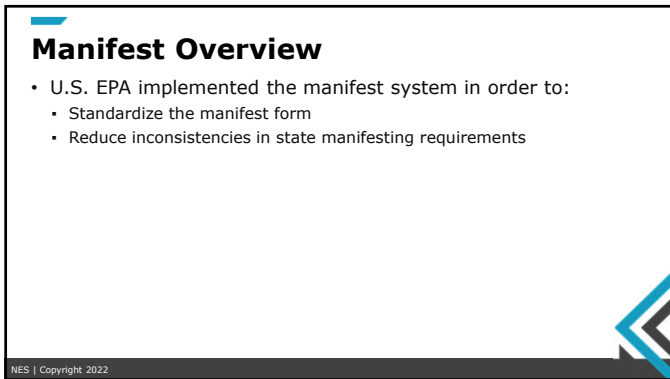




1




2



3

Manifest Overview

- EPA form 8700-22 is the only manifest that can be used
- Federal instructions are included on the back of the manifest form
- Must be used for all RCRA (federal) and non-RCRA (California) hazardous wastes




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Manifest Overview

- EPA form 8700-22A is the only continuation sheet that can be used
- Continuation sheet to be used when shipping more than four waste streams; OR
- When using more than two registered hazardous waste transporters

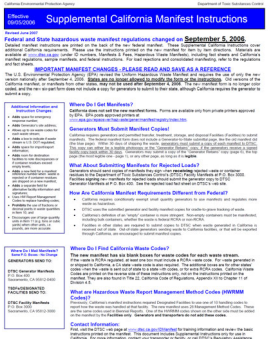


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Manifest Overview

- California has supplemental manifest instructions that include:
 - Submittal requirements
 - California waste codes
 - Hazardous waste management method codes



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Manifest Overview

- Manifest can only be printed and obtained through U.S. EPA's approved registered printers

Registrant	Manifest Tracking Number Suffix
J.J. Keller & Associates, Inc.	JJK
The Flesh Company	FLE
Welsh & Associates	WAS
Giant Resource Recovery	GRR
Genoa Business Forms	GBF
Veolia ES Technical Solutions	VES
Safety-Kleen Systems, Inc.	SKS
Stericycle	SRC, PSC
Databar, Inc.	DAT

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Manifest Overview

- The manifest is used for:
 - Tracking of hazardous waste shipments
 - Adhering to DOT shipping paper regulations
 - Emergency response information
 - Enforcement
 - Compliance
 - Liability

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Manifest Overview

- Generator is responsible for:
 - Completion of the manifest
 - Complying with DOT regulations
- Some hazardous wastes are exempt from the use of a manifest:
 - Contaminated containers
 - Spent lead-acid storage batteries
 - Universal waste
 - Used oil filters

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9



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Background

- Fees are at the discretion of EPA
- December 20, 2017 Scott Pruitt signed the e-Manifest User Fee Final Rule
 - Published in the Federal Register on January 3, 2018
- EPA launched e-Manifest on June 30, 2018

RCRAInfo

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The system enables cradle-to-grave waste tracking of many types of information regarding the regulated universe of RCRA hazardous waste handlers. RCRAInfo characterizes facility status, regulated activities, and compliance histories in addition to capturing detailed data on the generation of hazardous waste from large quantity generators and on waste management practices from treatment, storage, and disposal facilities.

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EPA Objectives

- EPA has an established goal of a complete elimination of paper manifests five years from the launch of the e-Manifest system
 - No current update from EPA/DOT regulations for updating the status of removing a paper requirement from shipping paper regulations
- Fees are intended to be phased out once the cost of the system has been recovered
- At this time, the system is entirely dependent on user fees

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State Regulatory Impacts

- States will not be permitted to collect manifests from receiving facilities
- States cannot enforce the use of a paper copy manifest



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State Regulatory Impacts

- Out-of-state facilities receiving State-regulated wastes are subject to the e-Manifest rules
- Manifest data is not subject to confidential business information (CBI) claims, meaning the data is publicly available



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Knowledge Check

???

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Manifest Completion

- Generator is responsible for information in boxes 1 – 15
- Box 16 is for international shipments
- Box 17 is for transporter's acknowledgement of receipt
- Boxes 18 – 20 are to be completed by designated facility (TSDF)

The image shows a portion of the EPA form 8700-22A, specifically the top section containing boxes 1 through 15. A large, semi-transparent 'VOID' watermark is overlaid diagonally across the form. The form includes fields for generator information, material description, and transporter details.

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Manifest Completion

- Continuation sheet, EPA form 8700-22A
- Generator is responsible for information in boxes 21 – 32
- Transporter (other than transporter one or two) is responsible for information in boxes 33 – 34
- Boxes 35 – 36 are to be completed by designated facility (TSDF)

The image shows a portion of the EPA form 8700-22A, specifically the middle section containing boxes 21 through 32. A large, semi-transparent 'VOID' watermark is overlaid diagonally across the form. The form includes fields for transporter information, material description, and facility details.

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Manifest Completion

Please print or type. (Form designed for use on 8 1/2 x 11 (12-pitch) typewriter.) Form Approved OMB No. 2050-0038

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAL000123456	2. Page 1 of 1	3. Emergency Response Phone 800-555-6666	4. Manifest Tracking Number 001336001 JJK
5. Generator's Name and Mailing Address Generator's Name Address City, State, Zip				
6. Generator's Phone Phone Number				
7. Transporter 1 Company Name Registered Hazardous Waste Transporter				
8. Designated Facility Name and Site Address Permitted TSDF Address Phone Facility's Phone:				

9. U.S. EPA ID Number: **CAL00064221**
10. U.S. EPA ID Number: **CAD110022445**

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Manifest Completion

10. Containers	11. Total Quantity	12. Unit (Wt/Vol)	13. Waste Codes		
			No.	Type	
1. UN1760, Waste Corrosive Liquids, n.o.s. (Hydrochloric Acid), 8, PG II	1	DF	55	G	D002 791
2. Non-RCRA Hazardous Waste, Solid (Oily Debris)	2	DM	300	P	223
3. UN1090, Waste Acetone, 3, PG II	1	DM	55	G	D001 F003 212
4. UN1759, Corrosive Solids, n.o.s. (Hydrochloric Acid Spill Cleanup), 8, PG II	1	DF	200	P	181

14. Special Handling Instructions and Additional Information:
9b.1. - Profile #CA1212, ERG #154 **9b.3. - Profile #CA1214, ERG #127**
9b.2. - Profile #CA1213 **9b.4. - Profile #CA1215, ERG #154**

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Manifest Completion

Table I. Types of Containers

BA = Burlap, cloth, paper, or plastic bags.	DT = Dump truck.
CF = Fiber or plastic boxes, cartons, cases.	DW = Wooden drums, barrels, kegs.
CM = Metal boxes, cartons, cases (including roll-offs).	HG = Hopper or gondola cars.
CW = Wooden boxes, cartons, cases.	TC = Tank cars.
CY = Cylinders.	TP = Portable tanks.
DF = Fiberboard or plastic drums, barrels, kegs.	TT = Cargo tanks (tank trucks).
DM = Metal drums, barrels, kegs.	

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Manifest Completion

Table II. Units of Measure

G = Gallons (liquids only)	N = Cubic Meters
K = Kilograms	P = Pounds
L = Liters (liquids only)	T = Tons (2000 Pounds)
M = Metric Tons (1000 Kilograms)	Y = Cubic Yards

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Manifest Completion

15. GENERATOR/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/ placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I verify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator/Officer's Printed/Typed Name: **Your Name** Signature: **Your Signature** Month: **12** Day: **15** Year: **2021**

16. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: **Driver's Name** Signature: **Driver's Signature** Month: **12** Day: **15** Year: **2021**

Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

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Manifest Completion

18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

18b. Alternate Facility (or Generator): _____ Manifest Response Number: _____ U.S. EPA ID Number: _____

Facility's Phone: _____

19c. Signature of Alternate Facility (or Generator): _____ Month: _____ Day: _____ Year: _____

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. H121	2. H131	3. H061	4. H131
----------------	----------------	----------------	----------------

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: **TSDF Rep's Name** Signature: **TSDF Rep's Signature** Month: **12** Day: **30** Year: **2021**

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e-Manifest Completion

RCRA
Home | Reports/Extracts | Tools | Documentation | Feedback/Report an Issue

My Sites | **CA0800123456** | e-Manifest Dashboard | e-Manifest

General Information

Manifest Tracking Number JJK, FLE, ETC.	Manifest Type Hybrid	Origin Type Web	Version Version 1
Status Signed – Received by Designated Facility and signed			Potential Ship Date
Does this manifest contain residues or rejected waste? No			
Was any waste on the manifest rejected by the designated facility? No		Was the waste on this manifest imported from another country? No	

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e-Manifest Completion

1-5 Generator Information

EPA ID Number CA0800123456	Name Company/Facility Name	Mailing Address Generator's Name Address City, State, Zip	Site Address Generator's Name Address City, State, Zip
Emergency Response Phone 800-555-6666	Extension	Contact Phone Phone Number	Extension
Contact Email Emailaddress@company	Can e-Sign? Yes	Can Quick Sign? Yes	Has a Registered e-Manifest User? Yes

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e-Manifest Completion

Broker Information

Does this manifest have an associated broker?
No

6-7 Transporter Information

#	ID	Name	Can e-Sign	Can Quick Sign?	Has Registered e-Manifest User?
1	CA0800123457	Registered Hazardous Waste Transporter	Yes	Yes	Yes
2	CA0800123458	Registered Hazardous Waste Transporter	Yes	Yes	Yes
3	CA0800123459	Registered Hazardous Waste Transporter	Yes	Yes	Yes

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e-Manifest Completion

8. Designated Facility Information

EPA ID Number CAD000123469	Name TSD Facility Name	Site Address Receiving Facility Site Address
Contact Phone TSD Phone Number	Extension	
Contact Email Emailaddress@TSD	Can e-Sign? Yes	Can Quick Sign? Yes
		Has a Registered e-Manifest User? Yes

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e-Manifest Completion

9-13. Waste Information

Waste Characteristics (Total lines: 5)

Line Number	HM	U.S. DOT Description	Containers	Type	Total Quantity	Units	Waste Codes	Management Method Code	Action
1		NON RCRA HAZARDOUS WASTE, LIQUID	2	DM	110	G	343	H141	
2	X	HAZARDOUS WASTE, SOLID, N.O.S., (CHROMIUM, ARSENIC), 9, PG III	1	DM	250	P	0004, D007, 181	H132	
3		NON RCRA HAZARDOUS WASTE, SOLID	4	DM	400	P	352	H141	
4	X	HAZARDOUS WASTE, SOLID, N.O.S., (ASBESTOS), 9, PG III, RQ	41	BA	4	Y	151	H132	
5	X	UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ETHANOL), 3, PG I	2	DM	600	P	0001, D018, 343	H052	

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e-Manifest Completion

Waste

9. Hazardous Material and U.S. DOT Description

9a. Is this waste a Hazardous Material? **Yes**

Is this an EPA Hazardous Waste? **Yes**

Does this waste contain PCBs? Refer to 49 CFR §761.007 **No**

Line Number **5**

9b. U.S. DOT Description
Waste Description
UN1993, WASTE FLAMMABLE LIQUIDS, n.o.s., (ETHANOL), 3, PG I

10-12. Containers and Quantity

Number	Type	Total Quantity	Unit Wt./Vol.
2	DM - Metal drums, barrels, kegs	600	P - Pounds

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e-Manifest Completion

13. Waste Codes

Federal	CALIFORNIA
D001, D018	343

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e-Manifest Completion

18. Discrepancy and Residue Information

Significant differences between the quantity or type of hazardous waste designated on the manifest, and the quantity and type of hazardous waste the facility actually received.

Quantity	Type
No	No

Does this waste line have any container residues?
No

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e-Manifest Completion

19. Hazardous Waste Report Management Method Codes

Management Method Code

H061 - FUEL BLENDING

Biennial Report Information

Provide BR Information?
No

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e-Manifest Completion

14. Special Handling Instructions and Additional Information

Special Handling Instructions for this Manifest

Reference Information

Does this manifest contain residues and/or rejected waste from a previous manifest?

No

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e-Manifest Completion

15. Generator's / Offsite's Certification

EPA ID Number	Name	Generator's/Offsite's Printed/Typed Name	Date Signed
CAR000123456	Company/Facility Name	Generator Employee Name	Month/Day/Year

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1			
EPA ID Number	Name	Transporter Printed/Typed Name	Date Signed
CAR000123457	Registered Hazardous Waste Transporter	Transporter Name	Month/Day/Year

Transporter 2			
EPA ID Number	Name	Transporter Printed/Typed Name	Date Signed
CAR000123458	Registered Hazardous Waste Transporter	Transporter Name	Month/Day/Year

Transporter 3			
EPA ID Number	Name	Transporter Printed/Typed Name	Date Signed
CAR000123459	Registered Hazardous Waste Transporter	Transporter Name	Month/Day/Year

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e-Manifest Completion

18. Discrepancy, Residue and Rejection Information

Discrepancy and Residue Information

Provide Discrepancy and Residue Information in the Waste Characteristics table in "Section 9-13. Waste Information"

20. Designated Facility Owner or Operator

EPA ID Number	Name	Designated Facility Printed/Typed Name	Date Signed
CAD000123469	TSDF Facility Name	TSDF Employee Name	Month/Day/Year

Electronic Signature Information

EPA ID Number	Signer Name	Date/Time Signed
CAD000123469	Employee Signing Name	Month/Day/Year

[View Uploaded Paper Manifest](#)

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Manifest Completion

- Manifest discrepancies:
 - Bulk wastes discrepancies apply when there are weight variations greater than 10%
 - Container wastes discrepancies apply when there is any variation in piece count
 - Designated facility is to try to reconcile discrepancy upon discovery
 - If discrepancy not reconciled within 15 days after receiving waste, designated facility must notify DTSC in writing

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22 CCR 66265.72

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Manifest Completion

- Manifest correction letters must be printed on company letterhead and include:
 - Manifest tracking number
 - Date generator signed manifest
 - Generator EPA ID number
 - Incorrect or incomplete item number
 - Corrected information
 - Signature, title, mailing address, and phone number of person submitting correction letter

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Manifest Completion

Manifest correction letters must be sent to:

DTSC
 Generator Information Services Section
 Attention: Manifest Corrections
 P.O. Box 806
 Sacramento, CA 95812-0806

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Manifest Completion

- DTSC can charge a \$20 manifest correction fee when a manifest error is discovered
- Manifest correction letters can be submitted to DTSC to avoid fees

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Distribution & Retention

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Distribution & Retention

- Manifest consists of five parts:
 - Page #1 - TSDf to EPA's e-Manifest system
 - Page #2- TSDf to generator
 - Page #3 - TSDf copy
 - Page #4 - Transporter copy
 - Page #5 - Generator initial copy (legible copy must be mailed to DTSC within 30 days of shipment)



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Distribution & Retention

The generator must submit a legible manifest copy (unless it is an e-manifest) to DTSC within 30 days from the date of shipment to:

DTSC Generator Manifests
P.O. Box 400
Sacramento, CA 95812-0400

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Distribution & Retention

- The TSDf must submit a manifest to EPA's e-Manifest system within 30 days of receiving shipment
- TSDf is responsible for paying fees for submitting manifests to the e-Manifest system
 - Fees range as follows from Oct 1, 2021-Sept 30, 2023
 - Fully electronic and hybrid \$8.00
 - » Hybrid: Created as an e-manifest, printed by generator/transporter for signatures
 - Data and image upload: \$13.00
 - Scanned image upload: \$20.00

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Distribution & Retention

- Generators must receive a signed copy of the manifest from the TSDf within 35 days from the date of shipment
- The generator is responsible for contacting transporter and TSDf if copy is not received by the 35th day

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Distribution & Retention

- If the signed manifest copy is not received, the generator must submit an exception report to DTSC within:
 - 45 days for LQGs
 - 60 days for SQGs

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Distribution & Retention

- Exception report must include a legible copy of the manifest and efforts generator made to locate hazardous waste
- Exception reports sent to:

DTSC Report Repository
Generator Information Services Section
P.O. Box 806
Sacramento, CA 95812-0806

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Distribution & Retention

- A generator must keep a copy of each manifest for:
 - Three years from the date of shipment; OR
 - Until generator receives a signed copy from the TSDf (this copy must be retained for three years from the date the waste was accepted by the transporter)

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Distribution & Retention

- Land Disposal Restriction forms:
 - Must be provided with initial shipment of land disposal-restricted RCRA hazardous waste
 - Copies are not provided to DTSC or EPA's e-Manifest system
 - Non-RCRA wastes subject to LDR may require an LDR accompany each shipment of land disposal-restricted hazardous waste in certain situations
 - Dependent on the waste stream, i.e. Asbestos
 - If waste stream is being accepted by a land disposal TSDf
 - Dependent on TSDf constituent requirements per permit requirements
 - Copies retained by generator for three years from the date the land disposal-restricted hazardous waste was shipped off-site

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Consolidated Manifest Procedures

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Consolidated Manifest Procedures

- A consolidated manifest is a manifest used by a consolidated transporter to combine HW shipments from multiple generators (can only combine same wastes)
- Placed on one manifest per HSC 25160.2
 - Quantities based on combined receipts
- Both generator and transporter section of manifest identify consolidated transporter's name, ID numbers, and address

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Consolidated Manifest – Authorized Waste Streams

- Used oil
- Contents of an oil/water separator
- Solids contaminated with used oil
- Brake fluid
- Antifreeze
- Antifreeze sludge
- Parts-cleaning solvents
- Asbestos & asbestos-containing materials
- Inks from the printing industry
- Chemicals and laboratory packs collected from K-12 schools
- Filters from dispensing pumps for diesel and gasoline fuels
- Hydroxide sludge (contaminated solely with metal from wastewater treatment process)
- Paint-related wastes, including paints, thinners, filters, and sludge
- Spent photographic solution
- Dry cleaning solvents including perchloroethylene, naphtha, and silicone-based solvents
- Filters, lint, and sludge contaminated with dry cleaning solvent
- Retail hazardous waste collected from retailers
- Absorbents contaminated with wastes on this list

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Knowledge Check
???

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Common Violations

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THANK YOU!



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(916) 353-2360
1.800.637.2384
