




New Hazardous Waste Rules

Changes and How They Affect Arizona

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Environmental Scientist II





New Hazardous Waste Rules
INTRODUCTION

- Rule Changes
- Reporting Changes
- How ADEQ is Affected

■ Introduction

- Signed and Published in Federal Register
 - November 28, 2016
 - 40 CFR § 260, 261, 262
 - Over 60 changes to previous hazardous waste rule
- Purpose
 - Reorganizes regulations for user friendliness
 - Provides greater Flexibility
 - Strengthens environmental protection by closing gaps
 - Addresses ambiguities
- Effective date – May 30, 2017
 - 6 months after publication



■ Generators

- VSQGs (Very small quantity generators)
 - CESQGs (Conditionally exempt small quantity generators) will be referred to as VSQGs
 - Generate less than 220 pounds of hazardous waste each month
 - Store less than 2.2 pounds of acute hazardous waste at any time
 - Encouraged to obtain an EPA ID number
 - To initiate and/or track shipments through the e-manifest program
 - E-manifest program begins June 30 - July 3, 2018
 - 6 months after e-manifest fee rule approval



**RULES
ARE
RULES.**

■ Generators




- SQGs (Small quantity generators)
 - Generate more than 220 pounds of hazardous waste in any one month
 - Generate less than 2,200 pounds of hazardous waste each month
 - Store no more than 2.2 pounds of acute hazardous waste at any time
- Will be required to re-notify EPA every four years
 - Deadline to notify is September 1 of the reporting year
 - SQGs in states with more frequent re-notification must comply with the state's timeframe
 - Starts 2021
 - Use form 8700-12



■ Generators

■ VSQGs and SQGs

– Episodic Generation

- Generate at higher status while retaining requirements of lower status
- VSQG  SQG
- VSQG  LQG
- SQG  LQG
- 60 day limit
- **1 incident per calendar year**
- May be a planned or unplanned event
- These **are not** “one time events”



RULES
ARE
RULES.

■ Generators

■ LQGs (Large Quantity Generators)

- Generate more than 2,200 pounds of hazardous waste in any one month
- Store more than 2.2 pounds of acute hazardous waste at any time

– Consolidation of VSQG Hazardous Waste

– Closure of Entire Facility or Central Accumulation Area



**RULES
ARE
RULES.**

■ Generators

■ LQGs

- Consolidation of VSQG Hazardous Waste
 - VSQGs must be under control of same “person” as LQG
 - No hazardous waste manifests required
 - No EPA ID # for transporter of the hazardous was between sites
 - NO EPA ID # required for VSQG sites
 - Consolidated waste will be reported on LQG biennial report
 - New source code for VSQG generated waste
- More efficient shipping and hazardous waste management



**RULES
ARE
RULES.**

■ Generators

■ LQGs

– Closure of an Entire Facility

- Notify within 30 days prior using 8700-12, and
- Notify within 90 days after using 8700-12
- Requirements that need to be met
 - ❖ Minimize need for further maintenance
 - ❖ Remove or decontaminate all equipment, structures and soil
 - ❖ Any hazardous waste generated during closure must be managed in accordance to regulations
- Close under landfill closure requirements



**RULES
ARE
RULES.**

■ Generators

■ LQGs

- Closure of a central accumulation area
 - Place notice in records within 30 days after closure of unit
 - Meet the conditions for closing entire facility



**RULES
ARE
RULES.**

■ Importers/Exporters

- Will be required to obtain an EPA ID number
 - Non-generators arranging importing or exporting of hazardous waste
 - Do not transport hazardous waste
 - Do not accept waste
 - Are not treatment, storage, disposal facilities (TSDFs), nor
 - Are not resource recovery facilities (RRFs)
- Spent lead acid battery handlers
 - Lead acid batteries are the only universal waste to which this applies
 - ❖ Not applicable to other universal waste such as spent fluorescent bulbs
 - Must be spent and not new nor waste



**RULES
ARE
RULES.**

■ Electronic Manifest Brokers

- Will be required to obtain an EPA ID number
 - Non-generators using the e-manifest system under a contractual agreement
 - Obtain manifests
 - Complete manifests
 - Transmit manifests



■ All Handlers

- Deactivating EPA ID numbers
 - All inactive EPA ID numbers must be deactivated (closed)
 - Handler can close using a notification or myDEQ
 - States can close if the EPA ID is inactive for 1 year
 - » Lobbying for 3 years
 - Equate to the re-notification period
 - Equate to ADEQ's Hazardous Waste Unit's current policy



■ Handler Module


■ Reporting changes

- VSQGs
 - Encouraged obtain an EPA ID number – Notifications
- SQGs
 - Must re-notify every four years – Registration Letter
- LQGs
 - Closure – Notifications
- Importers/Exporters (brokers)
 - Must obtain an EPA ID number – Notifications
- All
 - Episodic Generation – Notifications
 - Deactivation – Notifications



Reporting Changes

OMB# 2050-0024; Expires 05/31/2020

United States Environmental Protection Agency RCRA SUBTITLE C SITE IDENTIFICATION FORM	
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1. Reason for Submittal (Select only one.)

<input type="checkbox"/>	Obtaining or updating an EPA ID number for an on-going regulated activity that will continue for a period of time. (Includes HSM activity)
<input type="checkbox"/>	Submitting as a component of the Hazardous Waste Report for _____ (Reporting Year)
<input type="checkbox"/>	Site was a TSD facility and/or generator of > 1,000 kg of hazardous waste, > 1 kg of acute hazardous waste, or > 100 kg of acute hazardous waste spill cleanup in one or more months of the reporting year (or State equivalent LQG regulations)
<input type="checkbox"/>	Notifying that regulated activity is no longer occurring at this Site
<input type="checkbox"/>	Obtaining or updating an EPA ID number for conducting Electronic Manifest Broker activities
<input type="checkbox"/>	Submitting a new or revised Part A Form

2. Site EPA ID Number

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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3. Site Name

<input type="text"/>

4. Site Location Address

Street Address			
City, Town, or Village		County	
State	Country	Zip Code	

5. Site Mailing Address

Same as Location Address

Street Address			
City, Town, or Village			
State	Country	Zip Code	

6. Site Land Type

<input type="checkbox"/> Private	<input type="checkbox"/> County	<input type="checkbox"/> District	<input type="checkbox"/> Federal	<input type="checkbox"/> Tribal	<input type="checkbox"/> Municipal	<input type="checkbox"/> State	<input type="checkbox"/> Other
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7. North American Industry Classification System (NAICS) Code(s) for the Site (at least 5-digit codes)

A. (Primary)	<input type="text"/>	C.	<input type="text"/>
B.	<input type="text"/>	D.	<input type="text"/>

Revised Notification Form

Page 1

- New check boxes



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Reporting Changes

EPA ID Number

OMB# 2050-0024; Expires 05/31/2020

8. Site Contact Information

Same as Location Address

First Name	MI	Last Name
Title		
Street Address		
City, Town, or Village		
State	Country	Zip Code
Email		
Phone	Ext	Fax

9. Legal Owner and Operator of the Site

A. Name of Site's Legal Owner

Same as Location Address

Full Name	Date Became Owner (mm/dd/yyyy)	
Owner Type <input type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other		
Street Address		
City, Town, or Village		
State	Country	Zip Code
Email		
Phone	Ext	Fax
Comments		

B. Name of Site's Legal Operator

Same as Location Address

Full Name	Date Became Operator (mm/dd/yyyy)	
Operator Type <input type="checkbox"/> Private <input type="checkbox"/> County <input type="checkbox"/> District <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Municipal <input type="checkbox"/> State <input type="checkbox"/> Other		
Street Address		
City, Town, or Village		
State	Country	Zip Code
Email		
Phone	Ext	Fax
Comments		

Revised Notification Form

Page 2

- Complete owner info
- Complete operator info



I GOT THIS

Reporting Changes

EPA ID Number

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1.0. This is a Regulatory Information Activity (at 40 CFR 171). Mark "Yes" ("Y"), "No" ("N") or "Do not run an activity" ("a. at the date of this form"); complete any additional boxes as instructed.

A. Hazardous Waste Activities

<input type="checkbox"/> Y <input type="checkbox"/> N	1. Generator of Hazardous Waste—if "Yes", mark only one of the following—a, b, c
<input type="checkbox"/>	a. LQG -Generates, in any calendar month (includes quantities imported by importer site) 1,000 kg/mo (2,200 lb/mo) or more of non-acute hazardous waste; or - Generates, in any calendar month, or accumulates at any time, more than 1 kg/mo (2.2 lb/mo) of acute hazardous waste; or - Generates, in any calendar month or accumulates at any time, more than 100 kg/mo (220 lb/mo) of acute hazardous spill cleanup material.
<input type="checkbox"/>	b. SQG 100 to 1,000 kg/mo (220-2,200 lb/mo) of non-acute hazardous waste and no more than 1 kg (2.2 lb) of acute hazardous waste and no more than 100 kg (220 lb) of any acute hazardous spill cleanup material.
<input type="checkbox"/>	c. VSQG Less than or equal to 100 kg/mo (220 lb/mo) of non-acute hazardous waste.
If "Yes" above, indicate other generator activities in 2 and 3, as applicable.	
<input type="checkbox"/> Y <input type="checkbox"/> N	2. Short-Term Generator (generates from a short-term or one-time event and not from on-going processes). If "Yes", provide an explanation in the Comments section.
<input type="checkbox"/> Y <input type="checkbox"/> N	3. Mixed Waste (hazardous and radioactive) Generator
<input type="checkbox"/> Y <input type="checkbox"/> N	4. Treater, Storer or Disposer of Hazardous Waste—Note: A hazardous waste Part B permit is required for these activities.
<input type="checkbox"/> Y <input type="checkbox"/> N	5. Receives Hazardous Waste from Off-site
<input type="checkbox"/> Y <input type="checkbox"/> N	6. Recycler of Hazardous Waste
<input type="checkbox"/>	a. Recycler who stores prior to recycling
<input type="checkbox"/>	b. Recycler who does not store prior to recycling
<input type="checkbox"/> Y <input type="checkbox"/> N	7. Exempt Boiler and/or Industrial Furnace—if "Yes", mark all that apply.
<input type="checkbox"/>	a. Small Quantity On-site Burner Exemption
<input type="checkbox"/>	b. Smelting, Melting, and Refining Furnace Exemption

B. Waste Codes for Federally Regulated Hazardous Wastes. Please list the waste codes of the Federal hazardous wastes handled at your site. List them in the order they are presented in the regulations (e.g. D001, D003, F007, U112). Use an additional page if more spaces are needed.

C. Waste Codes for State Regulated (non-Federal) Hazardous Wastes. Please list the waste codes of the State hazardous wastes handled at your site. List them in the order they are presented in the regulations. Use an additional page if more spaces are needed.

Revised Notification Form

Page 3

- Waste codes moved forward



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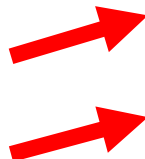
Reporting Changes

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2. Additional regulated Waste Activities (WTF, F, R, or S activities) determine if a separate permit is required.)

A. Other Waste Activities:

<input type="checkbox"/> Y <input type="checkbox"/> N	1. Transporter of Hazardous Waste—If “Yes”, mark all that apply.
<input type="checkbox"/>	a. Transporter
<input type="checkbox"/>	b. Transfer Facility (at your site)
<input type="checkbox"/> Y <input type="checkbox"/> N	2. Underground Injection Control
<input type="checkbox"/> Y <input type="checkbox"/> N	3. United States Importer of Hazardous Waste
<input type="checkbox"/> Y <input type="checkbox"/> N	4. Recognized Trader—If “Yes”, mark all that apply.
<input type="checkbox"/>	a. Importer
<input type="checkbox"/>	b. Exporter
<input type="checkbox"/> Y <input type="checkbox"/> N	5. Importer/Exporter of Spent Lead-Acid Batteries (SLABs) under 40 CFR 266 Subpart G—If “Yes”, mark all that apply.
<input type="checkbox"/>	a. Importer
<input type="checkbox"/>	b. Exporter



B. Universal Waste Activities

<input type="checkbox"/> Y <input type="checkbox"/> N	1. Large Quantity Handler of Universal Waste (you accumulate 5,000 kg or more) - If “Yes” mark all that apply. Note: Refer to your State regulations to determine what is regulated.
<input type="checkbox"/>	a. Batteries
<input type="checkbox"/>	b. Pesticides
<input type="checkbox"/>	c. Mercury containing equipment
<input type="checkbox"/>	d. Lamps
<input type="checkbox"/>	e. Other (specify) _____
<input type="checkbox"/>	f. Other (specify) _____
<input type="checkbox"/>	g. Other (specify) _____
<input type="checkbox"/> Y <input type="checkbox"/> N	2. Destination Facility for Universal Waste Note: A hazardous waste permit may be required for this activity.

C. Used Oil Activities

<input type="checkbox"/> Y <input type="checkbox"/> N	1. Used Oil Transporter—If “Yes”, mark all that apply.
<input type="checkbox"/>	a. Transporter
<input type="checkbox"/>	b. Transfer Facility (at your site)
<input type="checkbox"/> Y <input type="checkbox"/> N	2. Used Oil Processor and/or Re-refiner—If “Yes”, mark all that apply.
<input type="checkbox"/>	a. Processor
<input type="checkbox"/>	b. Re-refiner
<input type="checkbox"/> Y <input type="checkbox"/> N	3. Off-Specification Used Oil Burner
<input type="checkbox"/> Y <input type="checkbox"/> N	4. Used Oil Fuel Marketer—If “Yes”, mark all that apply.
<input type="checkbox"/>	a. Marketer Who Directs Shipment of Off-Specification Used Oil to Off-Specification Used Oil Burner
<input type="checkbox"/>	b. Marketer Who First Claims the Used Oil Meets the Specifications

Revised Notification Form

Page 4

- Importer/exporter
- Lead/acid batteries



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12. Eligible Academic Entities with Laboratories—Notification for opting into or withdrawing from managing laboratory hazardous wastes pursuant to 40 CFR 262 Subpart K.

<input type="checkbox"/> Y <input type="checkbox"/> N	A. Opting into or currently operating under 40 CFR 262 Subpart K for the management of hazardous wastes in laboratories—if “Yes”, mark all that apply. Note: See the item-by-item instructions for definitions of types of eligible academic entities.
<input type="checkbox"/>	1. College or University
<input type="checkbox"/>	2. Teaching Hospital that is owned by or has a formal written affiliation with a college or university
<input type="checkbox"/>	3. Non-profit Institute that is owned by or has a formal written affiliation with a college or university
<input type="checkbox"/> Y <input type="checkbox"/> N	B. Withdrawing from 40 CFR 262 Subpart K for the management of hazardous wastes in laboratories.

13. Episodic Generation

<input type="checkbox"/> Y <input type="checkbox"/> N	Are you an SQG or VSQG generating hazardous waste from a planned or unplanned episodic event, lasting no more than 60 days, that moves you to a higher generator category. If “Yes”, you must fill out the Addendum for Episodic Generator.
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14. LQG Consolidation of VSQG Hazardous Waste

<input type="checkbox"/> Y <input type="checkbox"/> N	Are you an LQG notifying of consolidating VSQG Hazardous Waste Under the Control of the Same Person pursuant to 40 CFR 262.17(f)? If “Yes”, you must fill out the Addendum for LQG Consolidation of VSQGs hazardous waste.
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15. Notification of LQG Site Closure for a Central Accumulation Area (CAA) (optional) OR Entire Facility (required)

<input type="checkbox"/> Y <input type="checkbox"/> N	LQG Site Closure of a Central Accumulation Area (CAA) or Entire Facility.
<input type="checkbox"/>	A. Central Accumulation Area (CAA) <input type="checkbox"/> Entire Facility
	B. Expected closure date: <input type="text"/> mm/dd/yyyy
	C. Requesting new closure date: <input type="text"/> mm/dd/yyyy
	D. Date closed : <input type="text"/> mm/dd/yyyy
<input type="checkbox"/>	1. In compliance with the closure performance standards 40 CFR 262.17(a)(8)
<input type="checkbox"/>	2. Not in compliance with the closure performance standards 40 CFR 262.17(a)(8)

16. Notification of Hazardous Secondary Material (HSM) Activity

<input type="checkbox"/> Y <input type="checkbox"/> N	A. Are you notifying under 40 CFR 260.42 that you will begin managing, are managing, or will stop managing hazardous secondary material under 40 CFR 260.30, 40 CFR 261.4(a)(23), (24), or (27)? If “Yes”, you must fill out the Addendum to the Site Identification Form for Managing Hazardous Secondary Material.
<input type="checkbox"/> Y <input type="checkbox"/> N	B. Are you notifying under 40 CFR 260.43(a)(4)(iii) that the product of your recycling process has levels of hazardous constituents that are not comparable to or unable to be compared to a legitimate product or intermediate but that the recycling is still legitimate? If “Yes”, you may provide explanation in Comments section. You must also document that your recycling is still legitimate and maintain that documentation on site.

17. Electronic Manifest Broker

<input type="checkbox"/> Y <input type="checkbox"/> N	Are you notifying as a person, as defined in 40 CFR 260.10, electing to use the EPA electronic manifest system to obtain, complete, and transmit an electronic manifest under a contractual relationship with a hazardous waste generator?
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Revised Notification Form

Page 5

- Episodic generation
- LQG/VSQG consolidation
- LQG closure
- E-manifest broker



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EPA ID Number

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18. Comments (include item number for each comment)

- Revised Notification Form
- Page 6
 - Additional certifier info

19. **Certification** I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations. **Note:** For the RCRA Hazardous Waste Part A permit Application, all owners and operators must sign (see 40 CFR 270.10(b) and 270.11).

Signature of legal owner, operator or authorized representative	Date (mm/dd/yyyy)
<input type="text"/>	<input type="text"/>
Printed Name (First, Middle Initial Last)	Title
<input type="text"/>	<input type="text"/>
Email	<input type="text"/>
Signature of legal owner, operator or authorized representative	Date (mm/dd/yyyy)
<input type="text"/>	<input type="text"/>
Printed Name (First, Middle Initial Last)	Title
<input type="text"/>	<input type="text"/>
Email	<input type="text"/>



EPA ID Number

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OMB# 2050-0024; Expires 05/31/2020

ADDENDUM TO THE SITE IDENTIFICATION FORM:
NOTIFICATION OF HAZARDOUS SECONDARY MATERIAL ACTIVITY



ONLY fill out this form if:

- You are located in a State that allows you to manage excluded hazardous secondary material (HSM) under 40 CFR 261.2(30), 261.4(a)(23), (24), or (27) (or state equivalent; See <https://www.epa.gov/epawaste/hazard/dsw/statespf.htm> for a list of eligible states; AND
- You are or will be managing excluded HSM in compliance with 40 CFR 260.30, 261.4(a)(23), (24), or (27) (or state equivalent) or have stopped managing excluded HSM in compliance with the exclusion(s) and do not expect to manage any amount of excluded HSM under the exclusion(s) for at least one year. Do not include any information regarding your hazardous waste activities in this section. Note: If your facility was granted a solid waste variance under 40 CFR 260.30 prior to July 13, 2015, your management of HSM under 40 CFR 260.30 is grandfathered under the previous regulations and you are not required to notify for the HSM management activity excluded under 40 CFR 260.30.

1. Reason for Notification (Include dates where requested)

- Facility will begin managing excluded HSM as of _____ (mm/dd/yyyy).
- Facility is still managing excluded HSM/re-notifying as required by March 1 of each even-numbered year.
- Facility has stopped managing excluded HSM as of _____ (mm/dd/yyyy) and is notifying as required.

2. Description of Excluded HSM Activity. Please list the appropriate codes (see Code List section of the instructions) and quantities, in short tons, to describe your excluded HSM activity ONLY (do not include any information regarding your hazardous wastes). Use additional pages if more space is needed.

A. Facility Code	B. Waste Code(s) for HSM	C. Estimate Short Tons of excluded HSM to be managed annually	D. Actual Short Tons of excluded HSM that was managed during the most recent odd-numbered year	E. Land-based Unit Code

- Revised Notification Form
- Addendums
 - Secondary material




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Reporting Changes

EPA ID Number

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<p>ADDENDUM TO THE SITE IDENTIFICATION FORM: EPISODIC GENERATOR</p>	
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ONLY fill out this form if:

- You are an SQG or VSQG generating hazardous waste from a planned or unplanned episodic event, lasting no more than 60 days, that moves the generator to a higher generator category pursuant to 40 CFR 262 Subpart L. Note: Only one planned and one unplanned episodic event are allowed within one year; otherwise, you must follow the requirements of the higher generator category. Use additional pages if more space is needed.

Episodic Event	
<p>1. Planned</p> <input type="checkbox"/> Excess chemical inventory removal <input type="checkbox"/> Tank cleanouts <input type="checkbox"/> Short-term construction or demolition <input type="checkbox"/> Equipment maintenance during plant shutdowns <input type="checkbox"/> Other <input type="text"/>	<p>2. Unplanned</p> <input type="checkbox"/> Accidental spills <input type="checkbox"/> Production process upsets <input type="checkbox"/> Product recalls <input type="checkbox"/> "Acts of nature" (Tornado, hurricane, flood, etc.) <input type="checkbox"/> Other <input type="text"/>
3. Emergency Contact Phone <input type="text"/>	4. Emergency Contact Name <input type="text"/>
5. Beginning Date <input type="text"/> (mm/dd/yyyy)	6. End Date <input type="text"/> (mm/dd/yyyy)

Waste 1					
7. Waste Description <input type="text"/>				8. Estimated Quantity (in pounds) <input type="text"/>	
9. Federal and/or State Hazardous Waste Codes					
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Waste 2					
7. Waste Description <input type="text"/>				8. Estimated Quantity (in pounds) <input type="text"/>	
9. Federal and/or State Hazardous Waste Codes					
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Waste 3					
7. Waste Description <input type="text"/>				8. Estimated Quantity (in pounds) <input type="text"/>	
9. Federal and/or State Hazardous Waste Codes					
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

- Revised Notification Form
- Addendums
 - Episodic generation



Reporting Changes

EPA ID Number

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ADDENDUM TO THE SITE IDENTIFICATION FORM:
LQG CONSOLIDATION OF VSQG HAZARDOUS WASTE



ONLY fill out this form if:

- You are an LQG receiving hazardous waste from VSQGs under the control of the same person. Use additional pages if more space is needed.

VSQG 1		
1. EPA ID Number (if assigned)	2. Name	
3. Street Address		
4. City, Town, or Village	5. State	6. Zip Code
7. Contact Phone Number	8. Contact Name	
9. Email		

VSQG 2		
1. EPA ID Number (if assigned)	2. Name	
3. Street Address		
4. City, Town, or Village	5. State	6. Zip Code
7. Contact Phone Number	8. Contact Name	
9. Email		

VSQG 3		
1. EPA ID Number (if assigned)	2. Name	
3. Street Address		
4. City, Town, or Village	5. State	6. Zip Code
7. Contact Phone Number	8. Contact Name	
9. Email		

- Revised Notification Form
- Addendums
 - LQG/VSQG Consolidation



I GOT THIS



Douglas A. Ducey
Governor

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

1110 West Washington Street Phoenix, Arizona 85007
(602) 771-2300 www.azdeq.gov



Misael Cabrera
Director

W. L. GORE & ASSOCIATES, IN
4100 W KILTIE LN
FLAGSTAFF, AZ 86005

01/13/2017
Reference number 104146

RE: Hazardous Waste Registration Self Reporting
WL GORE & ASSOCIATES - ELK HILL
3650 W KILTIE LN, FLAGSTAFF, AZ 86005
EPAID: AZR000501635

Dear W. L. Gore & Associates, Inc.

All hazardous waste generators shall register annually, with the Arizona Department of Environmental Quality and pay applicable annual registration fee pursuant to A.R.S. 49-929 and 930. This registration form also serves as a notification for handlers within Arizona. Please see the Annual Facility Registration Self-Reporting Form FAQ Sheet included for definitions of handler status frequently asked questions and to update your contact's information.

This form is due by March 1. Please keep a copy for your record on-site.

Read carefully and place an X in all boxes that apply to reflect your site's status for the past year and its status for this coming year.

2017 2018

<input type="checkbox"/>	<input type="checkbox"/>	NOH - Non-handler, did not generate or handle hazardous waste;
<input type="checkbox"/>	<input type="checkbox"/>	CESQG - Conditionally exempt small quantity generator;
<input type="checkbox"/>	<input type="checkbox"/>	SQG - Small quantity generator;
<input type="checkbox"/>	<input type="checkbox"/>	LQG - Large quantity generator;

Enter quantity of hazardous waste shipped off site during the previous year in pounds: _____

Per A.R.S. 49-113, I hereby certify that the above information is true and correct to the best of my knowledge.

Name (print): _____ Signature: _____ Date: _____
Phone Number: _____ Email Address: _____

If you have any questions about this form, call David Janke at (602) 771-4173 or toll -free within Arizona at (800) 234-5677 extension 771-4173 .

Mail To : Arizona Department of Environmental Quality
1110 W Washington St, 4415A-1
Phoenix, AZ 85005-8228

v 1.10

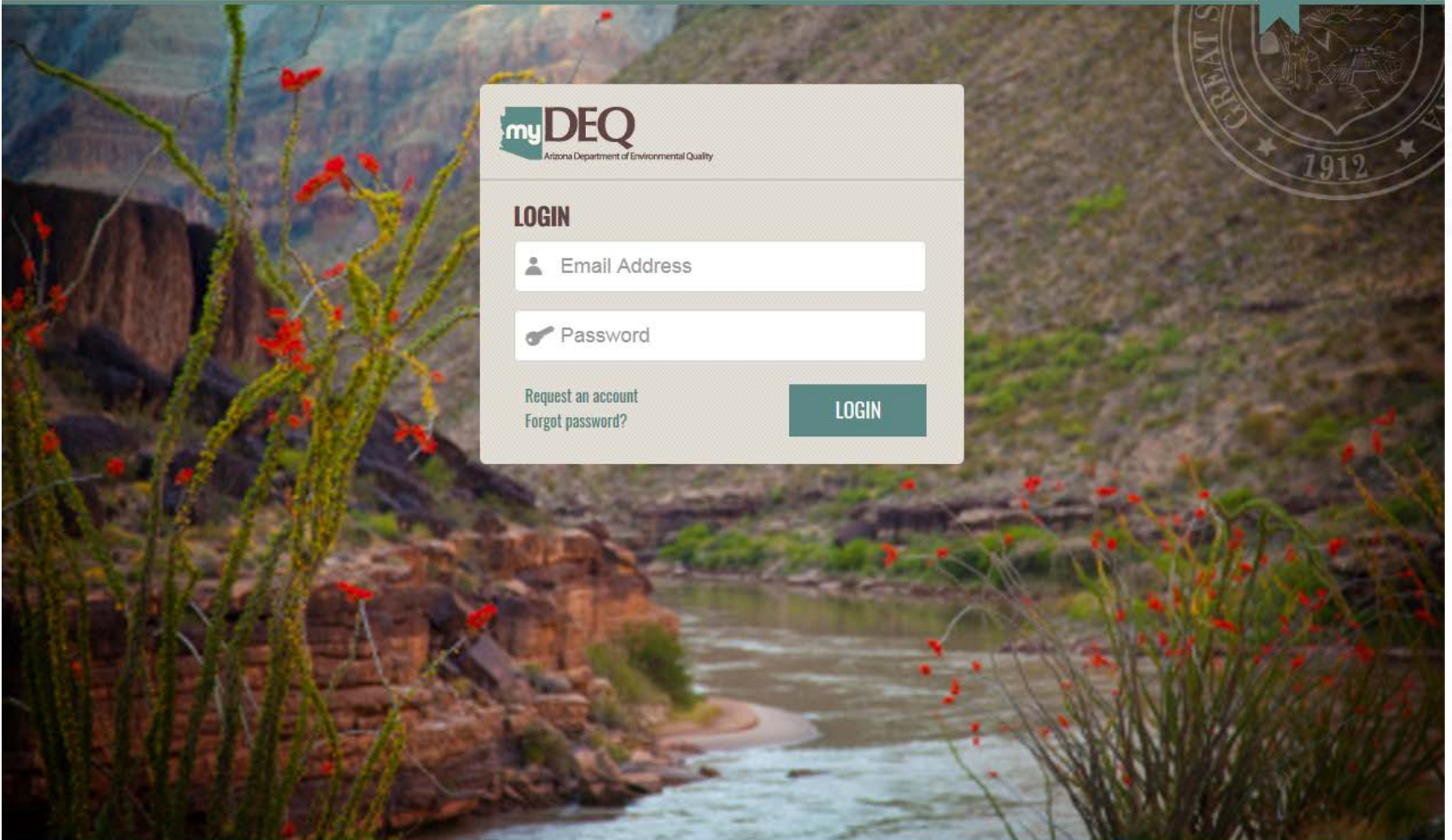
Southern Regional Office
400 West Congress Street Suite 433 Tucson, AZ 85701
(520) 628-6733

■ Registration Letter

- Past year
 - Sets fee
- Current year –
 - Sets status



I GOT THIS



LOGIN

[Request an account](#)
[Forgot password?](#)



e-Manifests Reporting Changes

- Designated receiving facilities submit the manifest for all
 - TSDFs and RRFs
 - To submit electronically each facility must register for E-manifest
 - Registration is similar to registering for myDEQ and myRCRAId
- States may not collect designated receiving facility copies
- User Fee rule
 - Sets fee for users
 - Schedule became final on January 3, 2018
 - Fees may range anywhere from \$4/manifest (electronic) to \$20/manifest (paper)

\$4



\$20



■ e-Manifests

■ Development Schedule

- May 2001 – Proposed manifest revision rule
 - May 2004 – Stakeholders meeting verifying interest and user fee
 - 2006 to 2011 – Bills introduced in Congress for e-manifests
 - October 5, 2012 – Bill Signed into law
 - February 7, 2014 – One Year Rule Issued
 - July 2016 – Proposed user fee rule issued
 - February 2017 to December 2017 – Initial Software Development
 - September 2017 – Advisory Board Meeting
 - December 2017 – User Fee Rule Approved – December 2017
 - January to June 2018 – Version 2 release and QA and Testing
- Launch – June 2018

2001

2018



■ e-Manifests

- Development Schedule

- October 5, 2012 – bill signed into law
 - All federally regulated wastes
 - Both electronic and paper copies accepted
 - EPA can establish user fees
 - Uniform effective date in all states
 - Advisory board mandated



■ e-Manifests

■ Development Schedule

• February 17, 2014 – One Year Rule Issued

- Act required EPA to issue regulations within one year
- E-Manifests are legal equivalent to paper forms
- Consistent implementation in all states
- System to be hosted by EPA
- Recommendations on E-Signatures
- Cannot submit **both** paper and e-manifests from same TSDf



■ e-Manifests

■ Development Schedule



• July 2016 – Proposed User Fee Rule Issued

- Which users and transactions are subject to fees?
- How and when will users pay fees?
- What costs and formula involved in determining fees?
- How will fee revisions be handled and published?
- What sanctions imposed for non-payment?
- Should there be a phase-out of paper submissions?
- What effects on state programs?
- Should chemical security concern limit public access?

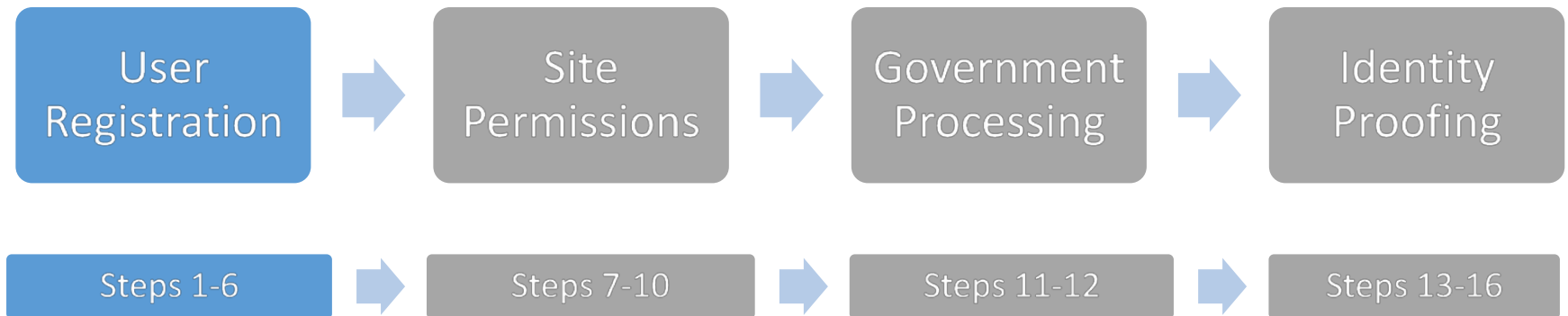
■ e-Manifests

■ Software Development

- Version 1.0 Software Programming – November 2015 to February 2017
 - Alpha testing of version 1.0 – February 2017 to June 2017
 - Version 1.0 released – June 30, 2017
 - User testing – July 2017 to December 2017
 - Version 2.0 Software Programming – July 2017 to December 2017
 - Version 2.0 released – January 2018
 - User testing – January 2018 to June 2018
 - System launch – June 2018
- 
- November 2015*
- June 2018*

■ e-Manifests

- Demonstration – Wire frames
- Requesting an e-Manifest account
 - Similar to myDEQ

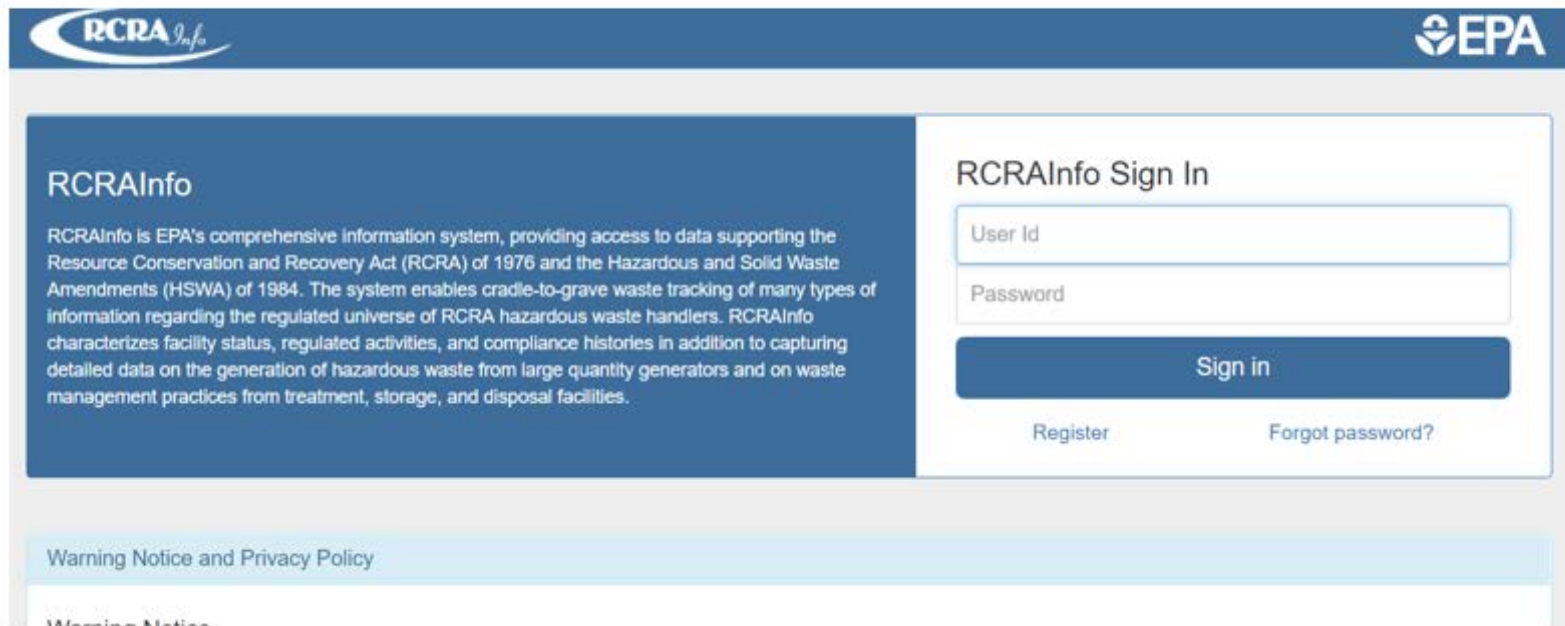


■ e-Manifests

■ User Registration



STEP 1 - REQUEST AN ACCOUNT



The screenshot shows the RCRAInfo Sign In page. The header includes the RCRAInfo logo and the EPA logo. The main content area is divided into two sections: a blue sidebar on the left with the RCRAInfo logo and a description of the system, and a white sign-in area on the right. The sign-in area contains a 'Sign In' button, a 'Register' link, and a 'Forgot password?' link. Below the sign-in area is a light blue bar with a 'Warning Notice and Privacy Policy' link.

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.

RCRAInfo Sign In

User Id

Password

Sign in

[Register](#) [Forgot password?](#)

[Warning Notice and Privacy Policy](#)

[Warning Notice](#)

- e-Manifests
 - User Registration




STEP 2 – Select User Type

The screenshot shows a web application interface with a modal dialog box titled "Select Registration Type". The dialog is split into two columns. The left column is titled "Government User" and contains the text: "Select this option if you represent a State environmental agency or the US Environmental Protection Agency". Below this text is a blue button labeled "Continue to Government User Registration". The right column is titled "Industry User" and contains the text: "Select this option if you are employed by or conduct business on behalf of a regulated hazardous waste facility". Below this text is a blue button labeled "Continue to Industry User Registration". The word "OR" is centered between the two columns. At the bottom of the page, there are two links: "Register" and "Forgot password?".

- e-Manifests
 - User Registration



STEP 3 - ENTER USER INFORMATION

 Registration

[Login](#) / [Registration](#)

Create a New Account * = required

User Information ▼

Title *	First Name *	Middle Initial	Last Name *	Suffix
<input type="text" value="Mr"/>	<input type="text" value="Emanifest"/>	<input type="text"/>	<input type="text" value="User"/>	<input type="text" value="Select..."/>

■ e-Manifests

■ User Registration



STEP 4 – Create a User Id and Password

The screenshot shows the 'Create a New Account' page from the RCRA Info website. The page has a dark blue header with the 'RCRA Info' logo and a 'Registration' tab. Below the header, the title 'Create a New Account' is displayed with a red asterisk indicating required fields. The form is divided into two main sections: 'User Information' and 'Create a User ID and Password'. The 'Create a User ID and Password' section contains several input fields: 'User ID' (with a red asterisk and an information icon), 'Password' (with a red asterisk and an information icon), and 'Verify Password' (with a red asterisk). There are also three security questions: 'Question 1' (In what city does your nearest sibling live?), 'Question 2' (What street did you live on in third grade?), and 'Question 3' (In what city or town was your first job?). Each question has a dropdown menu. To the right of the questions are three corresponding answer fields: 'Answer 1', 'Answer 2', and 'Answer 3', each with a red asterisk and an information icon. There are checkboxes for 'Show password' and 'Show answers'. At the bottom, there is a checkbox for 'Agree to the Terms and Conditions' and a 'Next' button.

■ e-Manifests

■ User Registration



STEP 5 - ENTER ORGANIZATION AND CONTACT INFORMATION

RCRA Info Registration

Create a User ID and Password

Organization/Contact Information

Organization Name *

Mailing Address (line 1) *

Mailing Address (line 2)

City * **State *** **Zip/Postal Code *** **Country ***

Job Title *

Phone Number * **Extension**

Email * **Re-enter Email ***

- e-Manifests
 - User Registration



STEP 6 - VALIDATE EMAIL

Email *

EUser@AHHW.com

Re-enter Email *

EUser@AHHW.com

Send Verification Code

Verification Code *

80133



Register

■ e-Manifests

■ Site Permissions

- The user will search for the site or entity for which they would like to request permissions by searching with a handler ID number
- If the site handler ID is not known, the user can provide information for other search criteria



STEP 8 – SUCCESSFUL SEARCH

Search Results							
Select All <input type="checkbox"/>	Site ID	Site Name	Address	City	State	County	
<input type="checkbox"/>	MAC300010832	CVS PHARMACY TRAINING CENTER	6 HAMILTON PL	BOSTON	MA	SUFFOLK	
<input type="checkbox"/>	MAC300013539	CVS PHARMACY 1900	218 HANOVER STREET	BOSTON	MA	SUFFOLK	
<input type="checkbox"/>	MAC300013547	CVS PHARMACY 1206	240 NEWBURY STREET	BOSTON	MA	SUFFOLK	
<input type="checkbox"/>	MAC300014503	CVS PHARMACY 2592	468 BLUE HILL AVE	BOSTON-DORCHESTER	MA	SUFFOLK	

■ e-Manifests

■ Site Permissions



STEP 9 – SELECT PERMISSIONS

Select Permissions ✕

You've selected 3 site(s), now please choose the permissions you are requesting.

Module	Permission Level	Description of Permission
Site Management	None ▼	None
Biennial Report	None ▼	None
PCB	None ▼	None
e-Manifest	<div style="border: 1px solid black; padding: 2px;">None Viewer Preparer Certifier</div>	None
myRCRAid		None

[Send Request](#) [Back to Search Results](#) [Close](#)

■ e-Manifests

■ Government Processing

- Once the user has submitted his/her request, the requested sites will appear in their My Sites tab with a "Pending" status



EMAIL

RCRAInfo Industry Site Permission Request for MGOB8OUT - Message (HTML)

Thu 8/3/2017 4:47 PM

rcrainfo.preprod.admin@epa.gov
RCRAInfo Industry Site Permission Request for AnotherUser12

To: Name, User
Retention Policy: Inbox (Never) Expires: Never

Dear User Name <User@epa.gov>

The following site permissions are being requested for AnotherUser12 <Auser@testco.com> for Virginia. If appropriate, please grant these permissions at your earliest convenience.

Permissions

Module	Current Level	Requested Level
e-Manifest	None	Edit Data

Sites

Site Id	Site Name
VA988177803	HEATING AND OIL

[Click here to approve or reject these privileges.](#)

Thank you!
RCRAInfo Team

■ e-Manifests

■ Government Processing



PENDING USER REQUESTS

Search

Basic Criteria

Handler Id

Handler Name

Active Sites **Historical**

Links

- [Pending User Requests](#) 1
- [My "Finish Later" Drafts](#) 0
- Translate Data
- PCB Data System
- 2013 - Biennial Report Cycle
- Multi-site Consent Agreement/Final Orders (CAFOs)
- Commitment Maintenance

Pending Requests User Search

Pending User Requests

Show 20 entries Search:

Request Type	User Id	Name	Organization	Requested Date
SiteAuthorization	AUSER	John Q Doe	Environmental Protection Agency	12/23/2015 08:53:38 AM

Showing 1 to 1 of 1 entries Previous 1 Next

TOOLS / USER MANAGEMENT

RCRA Info
Home
Reports
USITS / CM 1
Tools
Documentation
Brenda

Search

Basic Criteria

Maintenance

User Management

Utilities

- [Pending User Requests](#) 1
- [My "Finish Later" Drafts](#) 0
- Translate Data

■ e-Manifests

■ Government Processing



Industry Site Authorization Request

Requested Date

08/03/2017 04:46:51 PM

Status

Pending

Requested By

Maureen Godbout <MGODBOUT>

Requested Permissions

e-Manifest (Preparer)

Show entries

Site ID	Site Name	Address	City	State	Action
VA988177803	HEATING AND OIL	144 FIRST STREET	FREDRICKSBURG	VA	<input type="button" value="Approve"/> <input type="button" value="Deny"/>

Showing 1 to 1 of 1 entries

Previous **1** Next

■ e-Manifests

■ Government Identify Proofing



- After the user has been granted permissions by the user administrator, the user is sent an email stating there was a change in their permissions.
- Users who have requested the “Certifier” or “Site Manager” permissions and do not already have an electronic signature with RCRAinfo or CDX will be asked to set up their electronic signature immediately after their next login
- “Certifier” is equivalent to “RCO” in myDEQ
- “Site Manager” is equivalent to “DRO” in my DEQ

■ e-Manifests

- Government Identify Proofing



STEP 14 – SECURITY QUESTIONS

Electronic Signature Setup >

These questions will be used for signing your document electronically:

Question 1 *

What is the first and middle name of your oldest sibling? ▾

Answer 1 *

...

■ e-Manifests

■ Government Identify Proofing



STEP 15 – IDENTITY PROOFING

Electronic Identity Proofing

The following information will be used for identity proofing, it will NOT be stored.

Home Mailing Address (Line 1) *

Home Mailing Address (Line 2)

City *

State *

Zip *

Date of Birth (MM/DD/YYYY) *

SSN Last 4 *

Phone

I agree to the [Electronic Signature Agreement](#)

Verify and Sign

■ e-Manifests

■ Government Identify Proofing



- Users that submit wet signatures for their electronic signature agreements will mail papers to an address to be established
- EPA will review the electronic signature agreements
- If appropriate, EPA will activate the user's electronic signature agreements
- If any issues, EPA will follow up with the user

■ e-Manifests

■ Communication

- Monthly webinars on the last Wednesday of each month
 - Monthly updates sent out through e-Manifest ListServ
- Monthly webinars on the last Wednesday of each month
 - Submit comments and questions to eManifests@epa.gov
 - To subscribe to the general interest e-Manifest ListServ send a blank message to: eManifest-subscribe@lists.epa.gov
 - To subscribe to the development-focused e-Manifest ListServ, send a blank email to: e-ManifestDev-subscribe@lists.epa.gov
 - To track the progress of e-Manifest visit:
<https://github.com/USEPA/e-manifest>



Questions?

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- David Janke is an Environmental Science Specialist 2 at the Arizona Department of Environmental Quality. He has 25 years of experience, beginning in 1993 as an intern responsible for writing the Annual Report on Recycling in Arizona for the state's governor and legislature. David was hired full time in 1995 by the Recycling Unit and served as the manager for the Waste Reduction Assistance grant program and the Waste Reduction through Education grant program. Still responsible for writing the annual report, his job focus evolved to tracking all waste reduction, reuse and recycling statistics for the state. In 2006, David was promoted to Manager of the GIS and IT Unit. It was at this time, that David became very familiar with the hazardous waste industry in Arizona as the unit was responsible for tracking all data associated with hazardous waste for the state.
- David received a Bachelor's of Arts degree in Geology from Knox College in Galesburg, Illinois. He then earned a Master's of Science degree in Planetary Geology from Brown University in Providence, Rhode Island. His thesis investigated ice tectonics of Jupiter's moon, Ganymede. He did further graduate work at Arizona State University in Tempe. His work concentrated on fluvial processes on Mars. He has been employed by organizations as diverse as NASA and ESPN. At this time, David also teaches Geology and Geography at Phoenix College.