How to Create a Hazardous Waste Report Electronically Using eDRUMS

Division of Environmental Response and Revitalization

November 2023





Overview

Before You Begin

Roles and Prerequisites

The Report

- The Forms
- o Prep
- How to Create a New Report
- Contents of Create a New Report Screen
- How to Create a Report from a Partial Copy
- Main Reporting Screen for Everyone
- Direct Entry- Completing the Report
- How to Submit
- Submission Copy
- Help and Questions





Prepping for the Report

- Before you begin, have the following organized and ready
 - Copies of your manifests
 - You can view these online in eManifest using RCRAInfo
 - To learn more about RCRAInfo and signing up for an account, visit Ohio EPA's <u>Notification Webpage</u>
 - Records of quantities of hazardous waste generated or accumulated





Before You Begin

- Reporting Roles
 - Read Only: view, cannot change or submit
 - o Preparer: add/update and delete data, cannot submit
 - o Certifier/Submitter: add/update and delete data, can submit
- Prerequisites for the Submitter
 - Obtains and activates PIN
 - Requests and is approved for the eDRUMS service
 - Can start a report or delegate access to other eBiz users





The Report- What forms make up a Hazardous Waste Report?

- Site Identification Form
- Generation and Management Form (GM)
- Off-Site Transporters and Receivers Form (OI)
- Waste Received from Off-Site Form (WR)
- Process System Information Form (PS)



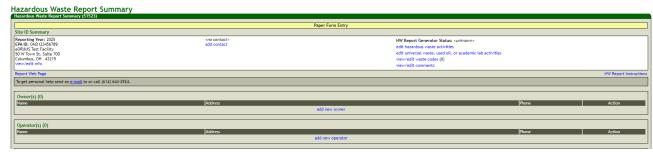


Site Identification Form

- Also known as the RCRA Subtitle C Site ID Form
 - Federal Form 8700
 - o Ohio Form 9029
- Ohio accepts both the Ohio and Federal version of the form



Paper Form



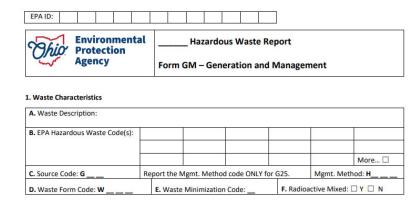
Electronic Form in eDRUMS



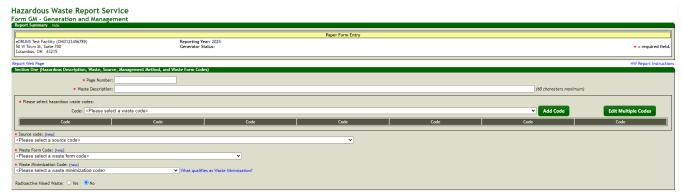


Generation and Management Form (GM)

- Report waste generated and how it was managed
- Each waste stream must be listed on its own GM Form; you cannot lump all waste streams into one GM Form



Paper Form

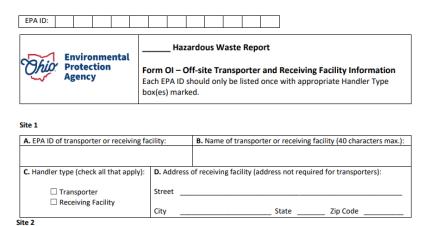






Off-Site Transporters and Receivers Form (OI)

- Complete if your RCRA hazardous waste was transported off-site for treatment, storage, or disposal
- You can list all transporters and receivers on one OI Form; you do not need an OI Form for every GM Form



Paper Form



Electronic Form in eDRUMS



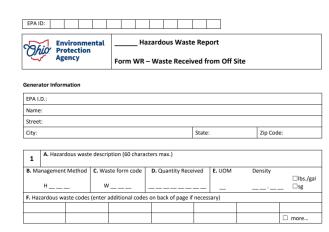


Waste Received from Off-Site Form (WR)

- Only receiving facilities are required to complete this form
 - A facility that received RCRA hazardous waste from off-site and managed the waste on-site during the reporting year



Electronic Form in eDRUMS



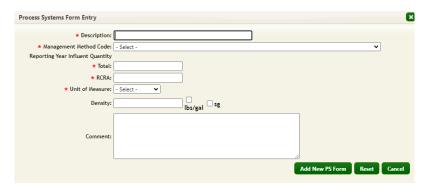
Paper Form



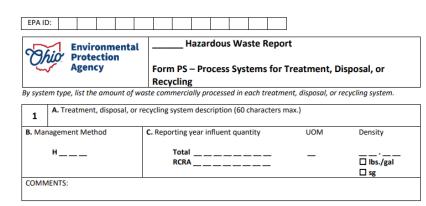


Process System Information Form (PS)

- Commercial receiving facilities only
- Lists the quantity for each hazardous waste treatment, disposal, or recycling process system that operated during the reporting year



Electronic Form in eDRUMS



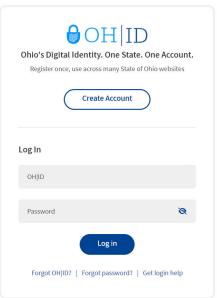
Paper Form



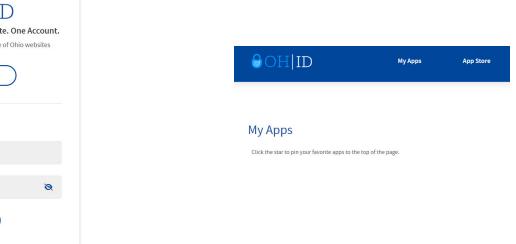


Creating a New Report

Step 1: Login to yourOH|ID account



 Step 2: Launch the eBusiness Center tile from your OH|ID apps







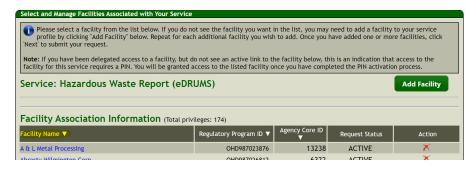


Creating a New Report

 Step 3: Click on the Hazardous Waste Report (eDRUMS) service



 Step 4: If you have access to multiple facilities, you will need to select the blue hyperlinked facility you wish to create a report for

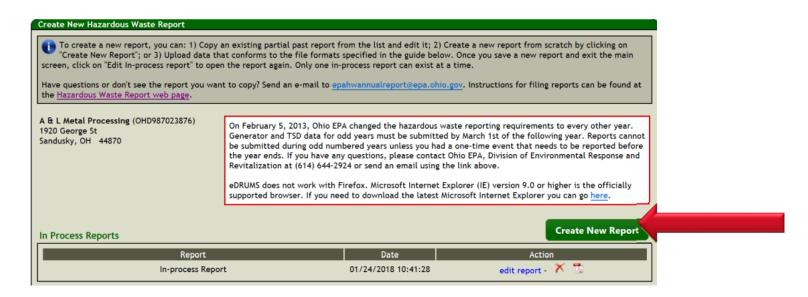






Creating a New Report

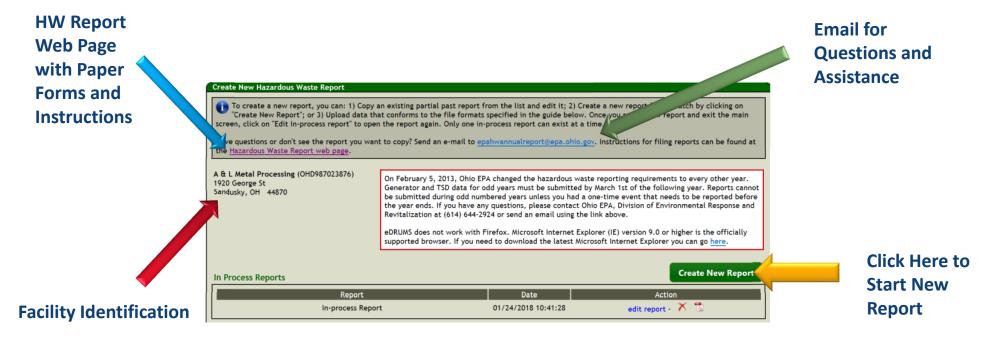
Step 5: Click "Create New Report"







Contents of Create a New Report Screen

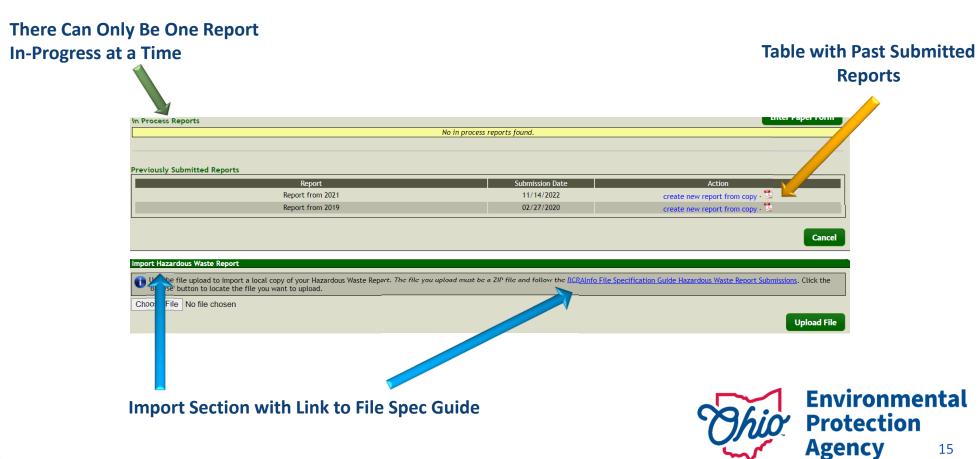


Note: If the facility name is outdated, once a new report is submitted, it will get updated to what is listed on the Site ID.





Contents of Create a New Report Screen





Creating a Report from a Partial Copy

A partial copy contains

- Site ID Form
 - Except the certification information and year
- All GM Forms
 - All of section 1 will remain completed (waste description, waste codes, Source Code, and Form Code); all other sections are blank
- All WR and PS Forms
 - The forms remain completed except for the quantities





Creating a Report from a Partial Copy

Editing a Copied Report

- Click "View PDF" at the bottom of the Hazardous Waste Report Summary screen to view information is currently entered
- Click on each hyperlink in the Site ID Summary to review and update the site's information
 - Do the same step for Owner and Operator
- Open each GM Form and update the information; delete GM Forms that are no longer needed rather than list zero as the quantity
- Add transporters to the OI
- Run the Validation Report prior to submitting

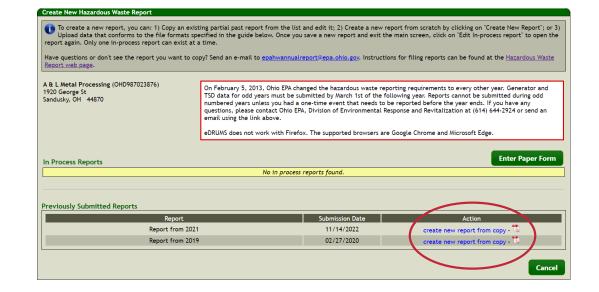




Creating a Report from a Partial Copy

Tips

- Weigh how much work it may be to copy and update vs starting from scratch
- If waste streams are consistent, it is easier to copy
- Click the "create new report from copy" hyperlink for the report you want to use







Main Report Screen

Whether you create a new report from scratch or from a previous report, your report main screen will look the same.

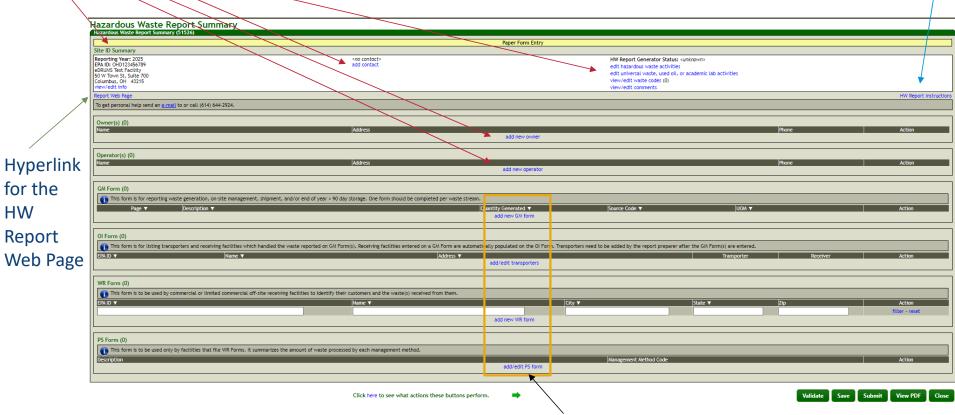




Site ID Form Summary and **Editing Links in Blue**

Main Report Screen

Hyperlink for the HW Report Instructions



GM, OI, WR, and PS Sections; Click on the Blue Hyperlink to Add, Edit, or Delete Forms

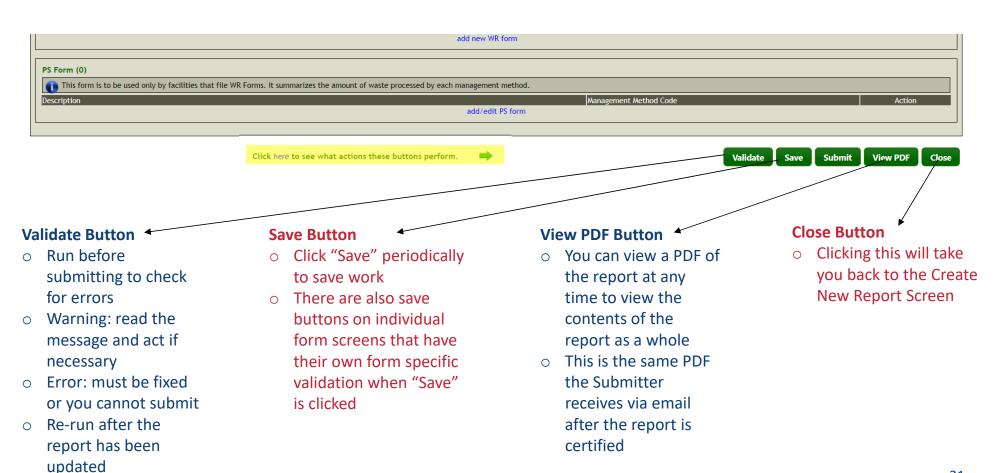


for the

Report

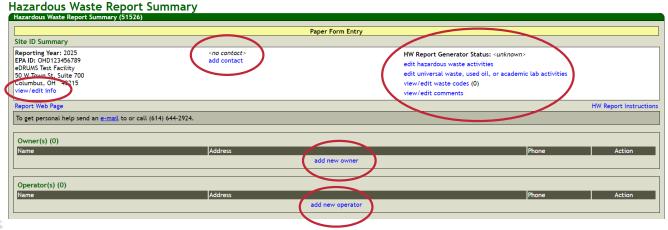
HW

Main Report Screen - Bottom Buttons





- Multiple screens make up a single Site ID Form
- You must complete all screens initially but can make changes later
- Any field with a * must be completed

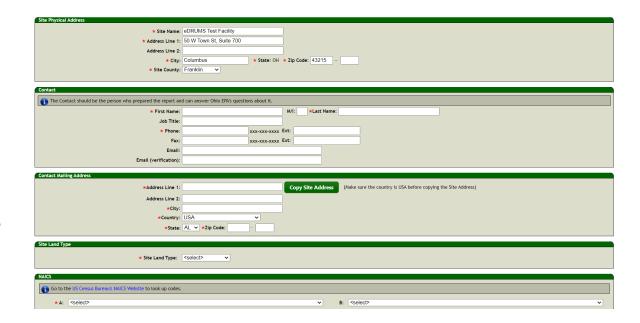






Facility, Contact, Land Type, and NAICS Fields

- Basic info about the facility and contact person
- Update as needed
- The location address should not change unless USPS has changed the physical location address
- Site land type, which is most often private
- NAICS Code(s): hyperlink to Census Bureau's website to obtain list of codes and descriptions







Hazardous Waste Activities

- Note that there is a hyperlink for a pdf containing the Regulated Activity Definitions
- Reset button at the bottom of the page will clear all fields; you cannot check and then uncheck a field
- Note the Generator Status and Hazardous Waste Report Generator Status distinctions
 - One box is for the current generator status
 - One box is for the generator status of the report year, which is most often LQG





Two Places for Generator Status



The first box is for the <u>current generator status</u>; if the site is a non-generator leave blank.

Hazardous Waste Activities

i Mark the radio button that represents the site's current generator status. If the site is no longer a generator, leave Generator Status blank.

Generator Status

Large Quantity Generator (LQG)
Greater than 1000 kg/mo (2,200 lbs) of non-acute hazardous waste.

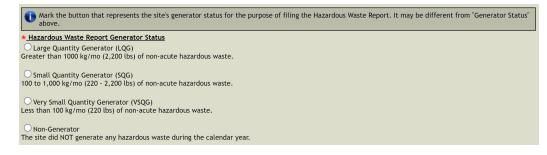
Small Quantity Generator (SQG)
100 to 1,000 kg/mo (220 - 2,200 lbs) of non-acute hazardous waste.

Very Small Quantity Generator (VSQG)
Less than 100 kg/mo (220 lbs) of non-acute hazardous waste.

In addition, indicate other generator activities

Temporary Generator (generate from a short-term or one-time event and not from on-going processes). If "Yes", an explanation of the event is required in the box below.

The second box is for the generator status for the purpose of filing a Report, which is most often LQG.



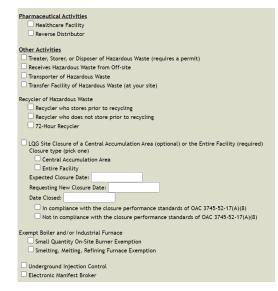




Additional Regulated Activities

- Only check if the facility partakes in the listed regulated activity
- If you check a recycler activity, you must also check that you receive hazardous waste from off-site
 - If you do not receive waste from off-site but recycle waste, do not check a recycler activity

Import/Export Activities United States Importer of Hazardous Waste
Recognized Trader Importer Exporter
Importer/Exporter of Spent Lead Acid Batteries (SLAB) Importer Exporter







LQG Consolidation of VSQG Hazardous Waste

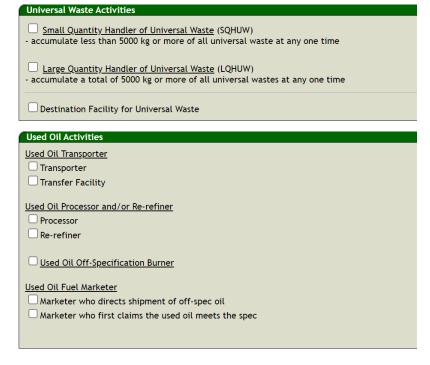
- LQGs may only receive and consolidate wastes from VSQGs under the control of the same person as defined in OAC 3745-50-10
- You must complete the addendum with a current list of VSQGs
- VSQG waste is reported on a separate GM Form with a Source Code of G51

LQG Consolidation of VSQG Hazardous Waste (below click add/update a VSQG to provide a list of VSQG facilities)								
EPA ID	Name	Address	Contact Name	Contact Phone	Contact Email	Action		
OHVSQG	Test Site 1	50 W Town St Columbus, OH 43215	Alexandra Evans	(614) 914-2527		edit - delete		
add/update a VSQG								



Universal Waste and Used Oil

- If you do not partake in these regulated activities, click Save/Continue
- LQHUW must accumulate more than
 5,000 kg or more on site
 - If you select this activity, a drop down of specific wastes will appear; you need to check the wastes your facility accumulates

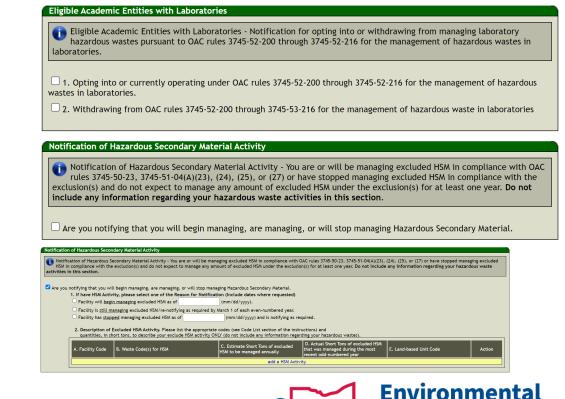






Academic Labs and HSM

- These activities are rare; if you do not partake in these regulated activities, click Save/Continue
- Do not withdraw from lab activities if your site has never opted in
- If you are notifying of HSM activities, select the check box, and additional required fields will appear



Protection

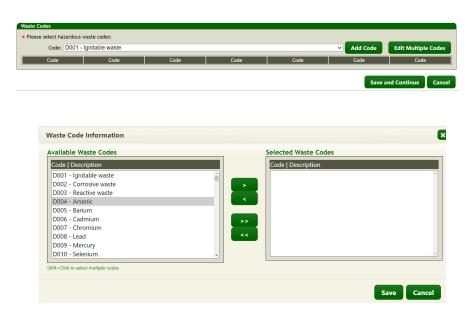
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Waste Codes and Comments

- Select the waste codes that characterize the waste generated/managed at your site
- Click the waste code in the drop-down box and click "Add Code" to add one code at a time
- You can add and delete multiple waste codes by selecting the "Edit Multiple Codes" button
- Comments are optional
- Atypical situations or changes should be noted as well as general comments that apply to the report as a whole







- Owner and Operator
 - One of each is required but multiples are possible
 - Use copy feature after you add at least one

Report Web Page Owner and Operator Information - You Must Enter At Least One Owner and One Operator HW Report Instructions						
Owner/Operator		Date	Legal Name	Address	Action	
Owner	Private	01/01/1900	Test 1	50 W Town St Columbus, OH 43215	edit - delete create new owner/operator from this	
add new operator						





Direct Entry - Completing the Report GM Form

To add a new GM Form, click on the blue "add new GM form"

Site ID Summary					
Reporting Year: 2025 EPA ID: OHD123456789 eDRUMS Test Facility 50 W Town St, Suite 700 Columbus, OH 43215 view/edit info	<no contact=""> add contact</no>	HW Report Generator Status: <unknown> edit hazardous waste activities edit universal waste, used oil, or academic lab activities view/edit waste codes (0) view/edit comments</unknown>			
Report Web Page		HW Report Instructions			
To get personal help send an <u>e-mail</u> to or call (614) 644-292-	4.				
Owner(s) (0)					
Name	Address	Phone Action			
ranc		add new owner			
Operator(s) (0)					
Name	Address	Phone Action			
	ac	dd new operator			
GM Form (0)					
	nanagement, shipment, and/or end of year > 90 day storage. One fo				
Page ▼ Description ▼		ity Generated ▼ Source Code ▼ UOM ▼ Action			
	auu	HEW OM TOTAL			
OI Form (0)					
This form is for listing transporters and receiving facilities which handled the waste reported on GM Form(s). Receiving facilities entered on a GM Form are automatically populated on the OI Form. Transporters need to be added by the report preparer after the GM Form(s) are entered.					
EPA ID ▼ Name ▼	Address ▼	Transporter Receiver Action			
	add/e	dit transporters			





Direct Entry - Completing the Report GM Form - Section 2

- **Step 1:** Enter the page number as 1 for your first GM Form; the second GM Form should be number 2 and so on
- Step 2: Enter a waste description that describes the waste stream
- **Step 3:** Select the hazardous waste codes that apply only to that waste stream

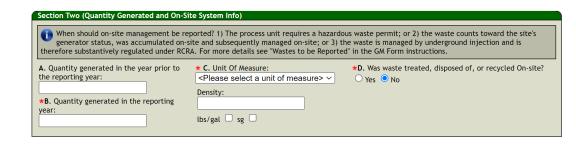


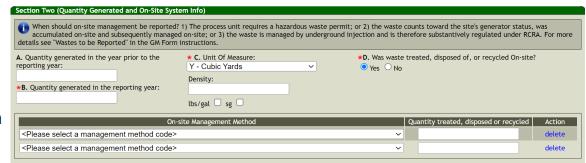
- Step 4: Select the appropriate Source Code from the drop-down list: the production or service process associated with the generation of this waste stream
- Step 5: Select the appropriate Waste Form Code from the drop-down list: a code that corresponds to the physical form or chemical composition of a hazardous waste
- **Step 6:** Select the appropriate Waste Minimization Code from the drop-down list: this code applies to waste minimization efforts conducted for this waste during the reporting year

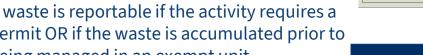


Direct Entry - Completing the Report GM Form - Section 2

- **Step 7:** Enter the quantity generated during the reporting year
 - The previous year quantity is not required
- **Step 8:** Select the corresponding unit of measurement
 - o If you select a volume, you must provide a density
- **Step 9:** If you change item D to Yes for waste being treated, disposed of, or recycled on site you must complete the On-Site Management Method section that will appear
 - A waste is reportable if the activity requires a permit OR if the waste is accumulated prior to being managed in an exempt unit





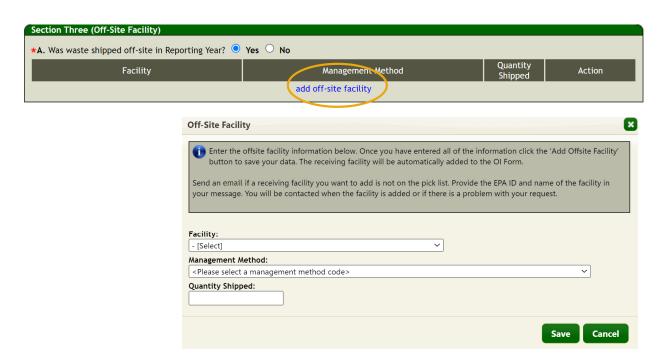






Direct Entry - Completing the Report GM Form - Section 3

- Step 10: Click "add off-site facility"
 - Select the receiving facility from the drop-down list as well as corresponding Management Method Code
 - If you don't see a receiver in the list, verify the ID number on the manifest(s) before clicking the HW Report email link to request it be added
 - You can add multiple off-site facilities or the same off-site facility with different Management Method Codes







Direct Entry - Completing the Report GM Form - Section 3

- Items to note regarding the Management Method Codes (MMC) for receivers
 - List the MMC representing the management method used by the initial receiver on the manifest
 - The MMC is checked in the Validation Report
 - A warning is issued if the MMC doesn't match Ohio EPA's reference information for that receiver
 - A complete list of receivers and their MMCs can be found on the HW Reporting web page: <u>National List</u> of Treatment, Storage, Disposal, or Recycling Facilities and their management method codes





Direct Entry - Completing the Report GM Form - Section 4

- Most generators will skip this section; greater than 90-day storage requires a permit
- Not for routine accumulation
- Default is "No"
- If you select "Yes" you must complete the pop-up on-site storage and inactive disposal units' section

Section Four (On-Site Waste Storage and Inactive Disposal Units)	
If the site has a storage permit or is undergoing a formal closure of storage or disposal units, and waste remained in the unit(s) as of December 31, complete Box A. Otherwise, skip Section 4.	A. As of December 31, did any of this waste remain on-site in: 1. A greater than 90 day storage unit Yes \(\cap \) No \(\cap \) \(\subseteq \) a. Generated/accumulated during the reporting year \(\subseteq \) b. Generated/accumulated prior to the reporting year 2. An inactive disposal unit undergoing closure Yes \(\cap \) No \(\cap \)

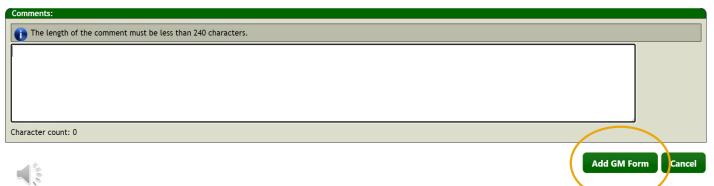
Section Four (On-Site Waste Storage and Inactive Disposal Units)		
If the site has a storage permit or is undergoing a formal closure of storage or disposal units, and waste remained in the unit(s) as of December 31, complete Box A. Otherwise, skip Section 4.	A. As of December 31, did any of this waste remain on-site in: 1. A greater than 90 day storage unit A greater than 90 day storage unit Yes No No a. Generated/accumulated during the reporting year b. Generated/accumulated prior to the reporting year 2. An inactive disposal unit undergoing closure Yes No	
Handling Code Amount Unit Of Measure Density Action add on-site storage and inactive disposal units		



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Direct Entry - Completing the Report Completing the GM Form

- Comments at the bottom of the Form are optional
- Click on "Add GM Form" to add the completed Form to the report
- If there are problems with the Form a message will appear in a red box at the top of the screen
 - Fix and try to add the GM Form again





Direct Entry - Completing the Report OI Form

- You must enter the GM Forms first, adding the off-site receivers, to populate the receivers on the OI
 - You cannot directly add off-site receivers on the OI
 - o To remove a receiver from the OI, you must remove it on the GM Form
- You must have at least one transporter to submit the report
- Step 1: In the OI Form section of the Main Screen, click on "add/edit transporters"

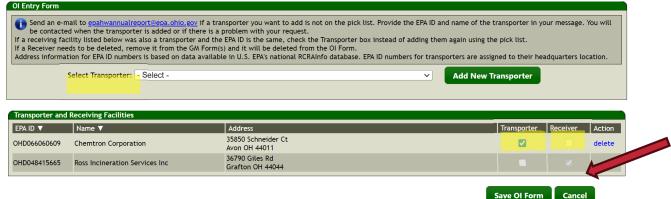






Direct Entry - Completing the Report OI Form

- o **Step 2:** Add transporters from the drop-down box; the name and address will automatically be populated
- o If the transporter is not listed, verify that the ID is correct on the manifests before clicking on the HW Report email link to request that it be added
- Check the Transporter box if the receiving facility and transporter have the same EPA ID number
 - o Note that some companies have two different EPA ID numbers; one for transporting and one for receiving
- o An error message will display if the information does not match Ohio EPA's reference information



Note that you cannot remove the grayed-out receiver check box, because it is listed on a GM. To remove this receiver, you would need to remove it from the GM.





Direct Entry - Completing the Report WR Form

- Step 1: Click on "add new WR form"
- Step 2: Click "Create New Generator" and complete the required fields with the generator's information
- Step 3: Click "add waste received" and complete the required fields with the information pertaining to the waste received from the generator
 - o If you received more than one waste stream from a single generator, you need to have more than one waste received (repeat step 3)
- Step 4: Click "Save WR Form"
- Repeat Steps 1-4 for all customers

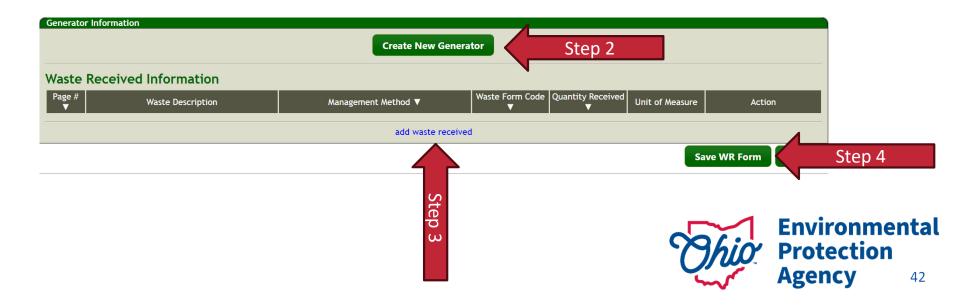




Direct Entry - Completing the Report

WR Form

Note that you can delete WR Forms from the main reporting screen





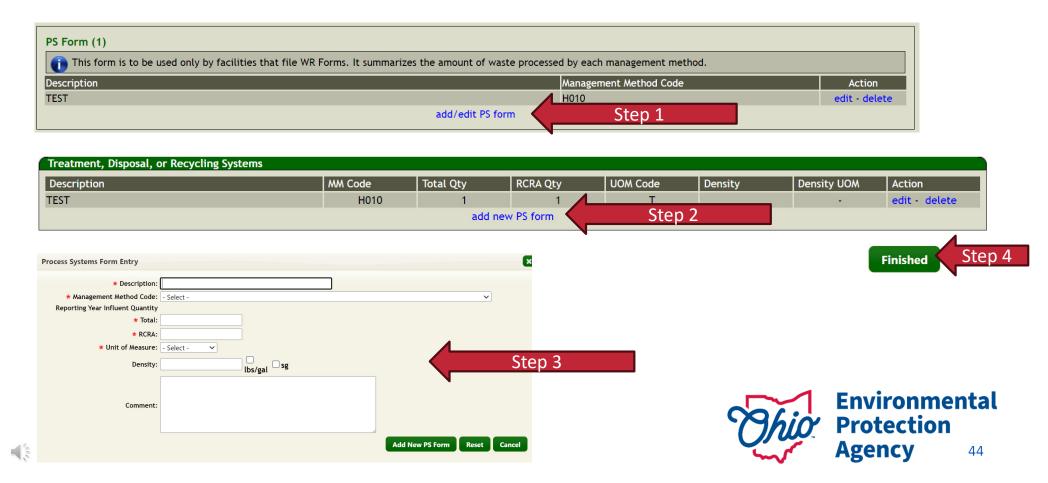
Direct Entry - Completing the Report PS Form

- One PS Form per Management Method
 - Do not add a PS for H141- Storage/ Transfer
- Step 1: Click "add/ edit PS form"
- Step 2: Click "add new PS form"
- Step 3: Enter data into required fields and click "Add New PS Form"
- Step 4: Click "Finished" to save and return to the main screen





Direct Entry - Completing the Report PS Form



Direct Entry - Completing the Report To Exit and Return

- Click "Close" at the bottom of the Report Summary screen
 - Make sure you click "Save" prior to closing to save your work
 - You will be taken back to the Create New Report Screen
- If you want to return the eBusiness Center home page, you must click "Cancel" on the Create New Report Screen
- To edit or continue working on a report in-process, click "Edit in Process Report from the Create New Report Screen
 - You can also delete the in-process report and start a new one from the same screen





How to Submit

- The Submitter will open the report and click the "Submit" button at the bottom
- A validation report will automatically run in the background to check for any fatal errors preventing a submittal
- The Submitter will enter their PIN and answer a security question
- After clicking the final "Submit" button, an acknowledgment will appear, and the Submitter gets an e-mailed receipt





Submission Copy

- The report will have a status of Submitted until Ohio EPA reviews and approves the report
- Users can view a PDF of the report from the Create New Report screen
- If the report needs edited after submission, contact Ohio EPA and request to have it put back in edit mode





Help and Questions

- Use the links on the eDRUMS home page as well as the main report screen
- Visit Ohio EPA's <u>Hazardous Waste Report Web Page</u>
 - There is an instruction booklet also located on this web page
- Division of Environmental Response and Revitalization (Ohio EPA-DERR) 614.644.2924
- Hwannualreport@epa.ohio.gov
 - o Please send your questions with screenshots when possible



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