

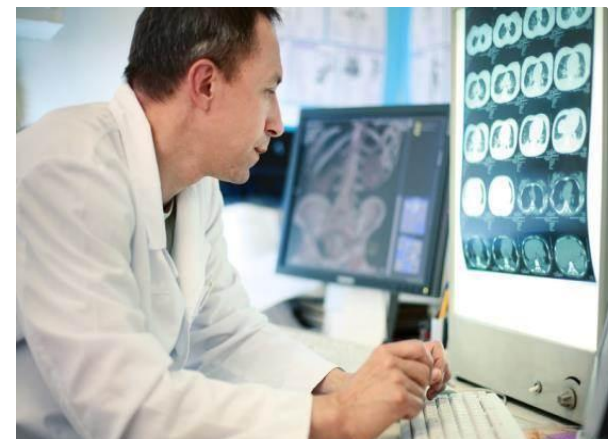
e-Manifest Update: How's It Going?

Samantha Anderson

Environmental Compliance Manager

Southeast Missouri Mining and Milling Division

April 24, 2019



A Brief History & Background

The Timeline

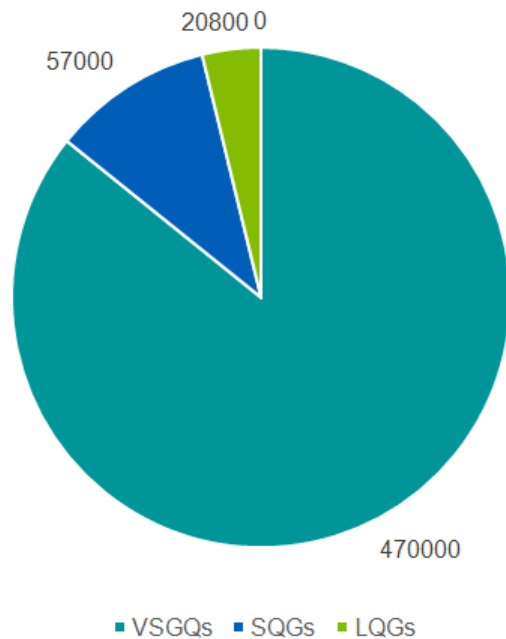
- October 2012: Hazardous Waste Electronic Manifest Establishment Act
- June 2018: e-Manifest launch
- June 2021: Paper manifests no longer accepted by EPA from facilities
- June 2023: Use of paper manifests (image or data upload) curtailed
- 2023: e-Manifest Board assess meaningful progress

Current Options

- Fully Electronic:
 - Generator to TSD
 - Transporter signs electronically
- Hybrid Manifest:
 - Generated electronically
 - Printed and signed
 - Completed electronically (TSD)
- Paper Manifest:
 - Printed and signed by all parties
 - Mail Manifest

By The Numbers

Estimate of US Hazardous Waste Generators



In Missouri:

- Approximately 2/3 manifests are “data + image”
- Less than 2% fully electronic
- 450-500 LQG
- 1400-1600 SQG

Data estimate based on biennial reports

Early Lessons Learned: A Generator's Perspective

- Communicate
 - Coordinate with Transporter
 - Communicate with Receiving Facility

- Be Organized
 - Designate a Site Manager
 - Delegate Certifiers and Preparers

- Plan
 - Prepare manifests ahead of time
 - Designate a backup certifier
 - Navigate logistical challenges early

Early Engagement Leads to Better Results

- Paper manifest mailing ends 2021
- All generators to utilize e-Manifests by 2023
- VSQG and SQG may be new to RCRAinfo
- 4000 to 5000 generators in Missouri alone
- Will there be system bandwidth challenges?
- Are there other unidentified bugs and challenges?

Generators: Get Started!


←


→

https://rcrainfo.epa.gov/rcrainfoprod/action/secured/login

RCRAInfo Sign In

FileEditViewFavoritesToolsHelp





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

In proceeding and accessing U.S. Government information and information systems, you acknowledge that you fully understand and consent to all of the following:

1. you are accessing U.S. Government information and information systems that are provided for official U.S. Government purposes only;
2. unauthorized access to or unauthorized use of U.S. Government information or information systems is subject to criminal, civil, administrative, or other lawful action;
3. the term U.S. Government information system includes systems operated on behalf of the U.S. Government;
4. you have no reasonable expectation of privacy regarding any communications or information used, transmitted, or stored on U.S. Government information systems;
5. at any time, the U.S. Government may for any lawful government purpose, without notice, monitor, intercept, search, and seize any authorized or unauthorized communication to or from U.S. Government information systems or information used or stored on U.S. Government information systems;
6. at any time, the U.S. Government may for any lawful government purpose, search and seize any authorized or unauthorized device, to include non-U.S. Government owned devices, that stores U.S. Government information;
7. any communications or information used, transmitted, or stored on U.S. Government information systems may be used or disclosed for any lawful government purpose, including but not limited to, administrative purposes, penetration testing, communication security monitoring, personnel misconduct measures, law enforcement, and counterintelligence inquiries; and
8. you may not process or store classified national security information on this computer system.

EPA Home | Privacy and Security Notice | FOIA | Contact Us

Windows taskbar icons: File Explorer, Edge, Outlook, PowerPoint, Word, Excel

System tray: 100% zoom, 1:54 PM, 11/14/2018

Roles and Responsibilities

- Site Manager**
 - Certifier for all facilities
 - Grant/ Deny facility permissions
 - Receive/ process ESAs
 - Obtain API (Application Program Interface) ID and Key
 - Receive invoices (when applicable)
- Preparer
 - View and prepare manifests for shipment
- Certifier**
 - View and prepare manifests for shipment
 - Electronically sign to certify an electronic manifest

**Electronic Signature Agreement (ESA) required

Site Manager

The screenshot shows the RCRAinfo website interface. A modal window titled "Select Registration Type" is centered on the screen. It contains two columns: "Regulatory Agency User" and "Industry User". The "Regulatory Agency User" column includes the text "Select this option if you represent a State environmental agency or the United States Environmental Protection Agency." and a button labeled "Continue to Regulatory User Registration". The "Industry User" column includes the text "Select this option if you want to submit RCRA Notification, Biennial Report and/or manifest data on behalf of a regulated hazardous waste site including federal facilities." and a button labeled "Continue to Industry User Registration". A red arrow points from the "Continue to Industry User Registration" button to a white text box on the right. The background of the website shows the RCRAinfo logo, the EPA logo, and a "Warning Notice and Privacy Policy" section. The browser's address bar shows the URL "https://rcrainfo.epa.gov/rcrainfprod/action/secured/login". The Windows taskbar at the bottom shows the time as 1:55 PM on 11/14/2018.

Select Registration Type

Regulatory Agency User
Select this option if you represent a State environmental agency or the United States Environmental Protection Agency.

Industry User
Select this option if you want to submit RCRA Notification, Biennial Report and/or manifest data on behalf of a regulated hazardous waste site including federal facilities.

[Continue to Regulatory User Registration](#)

[Continue to Industry User Registration](#)

Warning Notice and Privacy Policy

Warning Notice
In proceeding and accessing U.S. Government information and information systems, you acknowledge that you fully understand and consent to all of the following:

1. you are accessing U.S. Government information and information systems;
2. unauthorized access to or unauthorized use of U.S. Government information and information systems is prohibited;
3. the term U.S. Government information system includes systems of information and information systems;
4. you have no reasonable expectation of privacy regarding any communication to or from U.S. Government information systems;
5. at any time, the U.S. Government may for any lawful government purpose, disseminate or otherwise make available to the public any information contained in any U.S. Government information system;
6. at any time, the U.S. Government may for any lawful government purpose, disseminate or otherwise make available to the public any information contained in any U.S. Government information system;
7. any communications or information used, transmitted, or stored on this computer system, including but not limited to, administrative purposes, penetration testing, or counterintelligence inquiries; and
8. you may not process or store classified national security information on this computer system.

Site Manager register for RCRAinfo

EPA Home | Privacy and Security Notice | FOIA | Contact Us

EPA Site ID

Request Site ID

Select the State for which the site is located.

State *

Select State

Continue Close

My Sites

Show 20

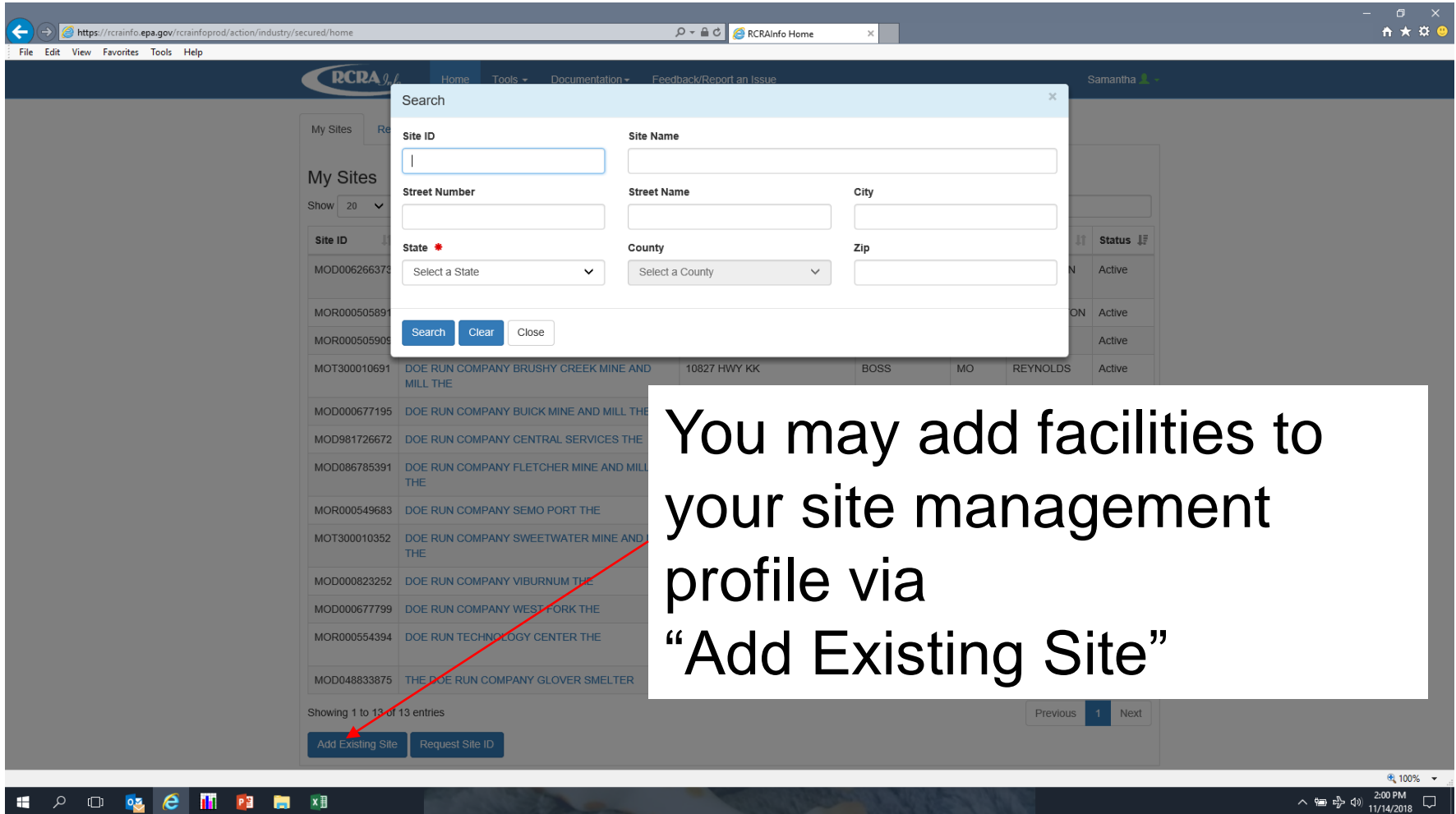
Site ID	Name	Address	City	State	Status	
MOD006266373	DOE RUN CO HERCULANEUM SMELTING DIVISION THE	881 MAIN ST	HERCULANEUM	MO	JEFFERSON	Active
MOR000505891	DOE RUN COMPANY # 29 MINE THE	10774 WELLS RD	STEELVILLE	MO	WASHINGTON	Active
MOR000505909	DOE RUN COMPANY # 35 CASTEEL MINE THE					
MOT300010691	DOE RUN COMPANY BRUSHY CREEK MINE AND MILL THE					
MOD000677195	DOE RUN COMPANY BUICK MINE AND MILL THE					
MOD981726672	DOE RUN COMPANY CENTRAL SERVICES THE					
MOD086785391	DOE RUN COMPANY FLETCHER MINE AND MILL THE					
MOR000549683	DOE RUN COMPANY SEMO PORT THE					
MOT300010352	DOE RUN COMPANY SWEETWATER MINE AND MILL THE					
MOD000823252	DOE RUN COMPANY VIBURNUM THE					
MOD000677799	DOE RUN COMPANY WEST FORK THE					
MOR000554394	DOE RUN TECHNOLOGY CENTER THE					
MOD048833875	THE DOE RUN COMPANY GLOVER SMELTER					

Showing 1 to 13 of 13 entries

Add Existing Site Request Site ID

This option is currently not available in Missouri. A Notification of Regulated Waste Activity must be submitted to MDNR.

Facilities with a current EPA Site ID



The screenshot displays the RCRAInfo website interface. A search modal is open, allowing users to search for facilities by Site ID, Site Name, Street Number, Street Name, City, State, County, and Zip. The modal includes a 'Search' button and a 'Close' button. In the background, a table lists various sites, including 'DOE RUN COMPANY BRUSHY CREEK MINE AND MILL THE', 'DOE RUN COMPANY BUICK MINE AND MILL THE', 'DOE RUN COMPANY CENTRAL SERVICES THE', 'DOE RUN COMPANY FLETCHER MINE AND MILL THE', 'DOE RUN COMPANY SEMO PORT THE', 'DOE RUN COMPANY SWEETWATER MINE AND MILL THE', 'DOE RUN COMPANY VIBURNUM THE', 'DOE RUN COMPANY WEST FORK THE', 'DOE RUN TECHNOLOGY CENTER THE', and 'THE DOE RUN COMPANY GLOVER SMELTER'. A red arrow points from the 'Add Existing Site' button at the bottom of the table to the search modal.

You may add facilities to your site management profile via “Add Existing Site”

Browser address bar: <https://rcrainfo.epa.gov/rcrainfoprod/action/industry/secured/sites/details/MOT300010691>

RCRAInfo Home

File Edit View Favorites Tools Help

RCRA Info

Home Tools Documentation Feedback/Report an Issue

Samantha

My Sites / Site Details

DOE RUN COMPANY BRUSHY CREEK MINE AND MILL THE 10827 HWY KK - BOSS MOT300010691

Site Details Biennial Report e-Manifest

General Overview

Federal Generator Status Large Quantity Generator	State Generator Status Large Quantity Generator
Is Site Active Yes	Date Last Updated 09/12/2018

Site Mailing Address

PO BOX 500
VIBURNUM, MO 65566-0500

Site Contact

SAMANTHA ANDERSON
PO BOX 500
VIBURNUM, MO 65566-0500

Back to My Sites

Map

Biennial Report and e-Manifest modules accessible in one facility location.

Select e-Manifest.



Your Facility's Information


←

→

https://rcrainfo.epa.gov/rcrainfoprod/action/industry/secured/e-manifest/home/MOT300010691

RCRAInfo Home

File Edit View Favorites Tools Help

 Home Tools Documentation Feedback/Report an Issue

Samantha

Site DetailsBiennial Reporte-Manifest

Create New Manifest

View: Outgoing

In Progress

Show 10 entries

Enter Manifest Tracking Number(s)

Manifest ID#	TSDF ID	TSDF Name	Last Updated Date	Status	Actions
No manifests are currently in progress.					

Showing 0 to 0 of 0 entries

PreviousNext

Received

Show 10 entries

Enter Manifest Tracking Number(s)

Manifest ID#	TSDF ID	TSDF Name	Shipped Date	Received Date	Status	Actions
100002908ELC	MOD059200089	BUICK RESOURCE RECYCLING FACILITY LLC THE	11/14/2018	11/14/2018	Signed - Complete	
012640634FLE	TND000772186	TRADEBE TREATMENT & RECYCLING OF TENNESSEE, LLC	10/17/2018	10/22/2018	Ready For Signature	
100001346ELC	MOD059200089	BUICK RESOURCE RECYCLING FACILITY LLC THE	09/18/2018	09/18/2018	Signed - Complete	
016907165JJK	TND000772186	TRADEBE TREATMENT & RECYCLING OF TENNESSEE, LLC	08/22/2018	08/27/2018	Signed - Complete	

Showing 1 to 4 of 4 entries

Previous1Next

Paper Manifests (Image-Only)


Windows taskbar with icons for File Explorer, Edge, Office, and other applications.

2:06 PM 11/14/2018

Reviewing an Electronic Manifest

← → https://rcrainfo.epa.gov/rcrainfoprod/action/industry/secured/e-manifest/drafts/MOT300010691#!/manifest?id=12009730/review RCRAInfo Home

File Edit View Favorites Tools Help

 Home Tools Documentation Feedback/Report an Issue Samantha

17. Transporter Acknowledgement of Receipt of Materials

EPA ID Number	Name	Transporter Printed/Typed Name	Date Signed
ILR000118190	INTER-RAIL SYSTEM INC.	MATT PICKENS	08/23/2018

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
TND000772186	TRADEBE TREATMENT & RECYCLING OF TENNESSEE, LLC	TAMMY SMITH	08/28/2018

Electronic Signature Information

EPA ID Number	Signer Name	Date/Time Signed
TND000772186	Angela Midkiff	09/14/2018 05:01 PM

[View uploaded paper manifest](#) | [View electronic copy](#)

Make Correction

Back to Dashboard

100%

2:08 PM 11/14/2018

Completing an Electronic Manifest

Browser address bar: <https://rcrainfo.epa.gov/rcrainfoprod/action/industry/secured/e-manifest/drafts/MOT300010691#/manifest/edit>

RCRAInfo Home

RCRAInfo Home | Home | Tools | Documentation | Feedback/Report an Issue | Samantha

Add Waste Line

9. Hazardous Material and U.S. DOT Description

9a. Is this waste a DOT Hazardous Material?

Is this an EPA Hazardous Waste?

Does this waste contain PCBs?
Refer to 40 CFR §761.207

9b. U.S. DOT Description

☒ Enter U.S. DOT Description ☐ Build U.S. DOT Description

U.S. DOT Description *

Hazardous Waste, solid, n.o.s., (leaded debris), 9, III

ID Number *

NA3077

10-12. Containers and Quantity

Container Information

Number	Type
1	DM-Metal drums, barrels, kegs

Quantity Information

Total Quantity	Unit Wt./Vol.
100	P-Pounds

13. Waste Codes

Federal Waste Codes
1 selected

Selected
D008

Questions?

Need help?

- eManifest ListServ
- EPA Fact Sheets
- e- Manifest Helpdesk

(833) 501-6826

(970) 494-5508

helpdesk@epacdx.net

EPA Regional Contacts

- eManifest@epa.gov
- Wenner.Rebecca@epa.gov
- Rivas.marcus@epa.gov