



# WASTE QUICK LOOK GUIDE

Automotive Salvage and Scrap Metal Handlers

Hazardous Waste = HW

[Polychlorinated Biphenyl Waste](#) = PCB

[Liquid Industrial By-products](#) = LIB

[Radioactive Waste](#) = RAD

[Universal Waste](#) = UW

Chlorofluorocarbons = CFC

Solid Waste = SW

[Scrap Tires](#) = ST

Conditionally Exempt Small Quantity Generator = CESQG

Small Quantity Generator = SQG

Large Quantity Generator = LQG

WASTE DESCRIPTION	TYPICAL WASTE TYPE	BEST HANDLING PRACTICES	UNIFORM MANIFEST OR SHIPPING DOCUMENT
<a href="#">Antifreeze, Used Oil, Windshield Wiper Fluid (non-methanol)</a>	LIB	Remove, contain, label containers, prevent release to ground/sewers/drains/air, store indoors, and <ul style="list-style-type: none"> <li>• Reuse as is on-site (product);</li> <li>• Process/recycle LIB on-site; or</li> <li>• Recycle at a LIB Designated Facility.</li> </ul>	<a href="#">LIB Shipping Document</a>
<a href="#">Catch Basin Clean Out</a>	LIB	Remove, contain, label containers, prevent release to ground/sewers/drains/air, store indoors, and dispose at a LIB Designated Facility or SW Licensed Disposal Facility if solid.	<a href="#">LIB Shipping Document</a>
Fuel	LIB if recycled HW if disposed	Remove, contain, label containers, prevent release to ground/sewers/drains/air, store indoors, and <ul style="list-style-type: none"> <li>• Reuse as is on-site (product);</li> <li>• Recycle at a LIB Designated Facility; or</li> <li>• Dispose at a licensed HW Disposal Facility.</li> </ul>	<a href="#">LIB Shipping Document</a> if recycled or CESQG HW and <a href="#">HW Manifest</a> if SQG/LQG HW being disposed
Batteries, Electronics, Lamps, Mercury Devices	UW or HW	Remove, label, store indoors in containers preventing breakage and release to ground/sewers/drains/air, and <ul style="list-style-type: none"> <li>• For UW, recycle within 1 year by shipping to a UW Handler or UW Destination Facility after making prior arrangement or</li> <li>• If managing as a HW ship to a licensed HW Disposal Facility within 180 days if SQG and 90 if LQG.</li> </ul>	<a href="#">HW Manifest</a> if manage as HW
Non-Empty Aerosols, Paints, Solvents	LIB if CESQG, HW if SQG/LQG	Keep in closed, labeled containers, prevent release to ground/sewers/drains/air, store indoors, and <ul style="list-style-type: none"> <li>• Reuse as is on-site (product) and/or <a href="#">puncture/recycle aerosols</a>;</li> <li>• For LIB or CESQG HW, recycle/dispose at a LIB Designated Facility or licensed HW Disposal Facility; or</li> <li>• For SQG/LQG HW recycle/dispose at licensed HW Disposal Facility.</li> </ul>	<a href="#">LIB Shipping Document</a> for LIB and CESQG HW, Uniform Manifest for SQG/LQG HW
Non-hazardous Wash Waters	LIB	Collect, contain, label containers, prevent release to ground/sewers/drains/air, store indoors, and <ul style="list-style-type: none"> <li>• Dispose at a LIB Designated Facility or</li> <li>• Dispose to municipal sanitary sewer if permitted by the local sewer authority.</li> </ul>	<a href="#">LIB Shipping Document</a> unless direct discharged to sanitary sewer
PCB Wastes	PCB	Collect, contain, prevent release to ground/sewers/drains/air, store indoors, and dispose at a <a href="#">Toxic Substance Control Act</a> Permitted Facility.	<a href="#">HW Manifest</a>
Radioactive Scrap	RAD	EGLE staff can issue U.S. Department of Transportation special permits to allow a load containing radioactive material to return to its place of origin. Contact EGLE staff at 517-284-6581 or <a href="mailto:radioactivematerial@michigan.gov">radioactivematerial@michigan.gov</a> before an radiation portal alarm to learn about the process.	
Refrigerants	<a href="#">CFC</a>	For motor vehicles and small appliances, employ a trained technician to remove, recover, and recycle CFCs. For repairs or large appliance recycling, employ a <a href="#">certified technician</a> to remove, recover, and recycle CFCs. For questions, contact U.S. EPA at <a href="mailto:spdcomment@epa.gov">spdcomment@epa.gov</a> or 312-866-3853.	
Undeployed Airbag Modules or Inflators	Varies	See EPA July 19, 2018, <a href="#">memorandum</a> on the regulatory status of automotive airbag inflators and fully assembled airbag modules. Airbag modules and inflators may be D001 and/or D003 hazardous waste. Recalled airbag modules and inflators require disposal and may also be managed to meet the U.S. EPA <a href="#">Interim Final Rule for Safe Management of Recalled Airbags</a> published November 30, 2018.	<a href="#">HW Manifest</a> for SQG/LQG HW being disposed
<a href="#">Used/Scrap Tires</a>	ST	Send to a registered <a href="#">ST collection site</a> , <a href="#">ST end-user</a> , <a href="#">ST processor</a> , SW Licensed Disposal Facility, or <a href="#">tire retailer</a> using a registered <a href="#">ST hauler</a> and meet <a href="#">ST collection site requirements</a> if storing > 500 ST or storing > 2,500 ST at a site whose primary business activity is selling retail salvage vehicle parts.	<a href="#">ST Manifest</a>

Containers holding the materials listed above with capacity of < 119 gallons must be emptied using common practices used by industry to empty that container type. Assuming the entire contents is not removed following common practice, nor more than 3% of weight of the container nor more than 1 inch can remain in the container for it to be empty of HW subject to HW regulation or LIB subject to LIB regulation. To locate facilities notified as handling UW, LIB, HW, and ST, go to [www.michigan.gov/deq/waste](http://www.michigan.gov/deq/waste), select "On-line Services" from the title bar and search the "Waste Data System."

## UNIVERSAL WASTE

- Cannot treat (some exceptions apply) or dispose
- Prevent UW release to air, water, sewers, or the ground
- [Notify](#) and get Site ID if UW handler with  $\geq 10,000$  lbs. UW (all types combined)
- Place liquid UW in compatible, good condition containers or tanks only
- Keep liquid UW containers closed except if filling
- Protect UW from weather, physical damage, fire, and vandals
- Label with “Universal waste ‘item name’”
- Accumulate  $\leq 1$  year
- Inform employees of proper handling and emergency procedure
- Send to UW handler, UW destination facility or licensed HW facility
- Make prior agreements to ship to UW handler or destination facility
- Use LIB Shipping Document if liquid unless consolidated shipping document is used
- Use [Act 138 permitted/licensed LIB transporter](#) if liquid
- Meet U.S. DOT regulations for shipments
- Meet other state’s requirements if shipping out-of-state
- Report releases
- Maintain records for 3 years

## LIQUID INDUSTRIAL BY-PRODUCTS

- Prevent LIB release to air, water, sewers or the ground
- [Characterize](#) wastes and monthly determine HW generator status
- Keep record of LIB generated, treated, and/or disposed on-site with on-site disposal approval
- Place LIB in compatible, good condition containers or tanks only, and label to identify contents
- Label used oil with words “Used Oil” or words describing the container/tank contents
- Keep LIB containers closed except if filling
- Protect LIB from weather, physical damage, fire, and vandals
- Use LIB Shipping Document if liquid unless consolidated shipping document is used
- Use Act 138 permitted/registered [LIB transporter](#)
- Ship to a designated facility with a Site ID Number
- Have plan to prevent release to ground, sanitary sewer, or storm sewer
- [Report releases](#)
- Respond to releases to stop, contain, and cleanup the spill
- Maintain records for 3 year
- If acting as a designated facility, report annually of waste activities, and meet additional Part 121 designated facility requirements

## **HAZARDOUS WASTE**

### **All Generators:**

- Prevent HW release to air, water, sewers, or the ground
- Notify of SQG and LQG HW activities
- [Characterize](#) wastes and monthly determine HW generator status
- Keep records of all HW generated, treated and/or disposed on-site
- Place HW in compatible, good condition containers, or certified tanks only
- Keep HW containers closed except if filling
- Protect HW from weather, physical damage, fire, and vandals
- Maintain records for 3 years
- [Report releases](#)

### **Small and Large Quantity Generators:**

- Label containers with accumulation date, HW codes, and words “Hazardous Waste”
- Accumulate <90 days for LOQ and <180 days for SQG
- LQG meet Subpart AA, BB, [CC](#)
- LQG and SQG with >2200 lbs. provide [secondary containment](#)\*
- Provide proper [training](#) and [emergency response](#)
- Conduct frequent [inspections](#)
- Use licensed HW disposal sites
- Use [Act 138 permitted/registered HW transporter](#)
- LQG file a [Biennial Report](#) every 2 years

\*[Secondary containment](#) may also be required under water regulations for CESQG and LIB

View the recorded webinars in the [Hazardous Waste and Liquid Industrial By-products Regulations Webinar Series](#) at [www.Michigan.gov/EGLEWaste](http://www.Michigan.gov/EGLEWaste) under “Announcements” to learn more.