

Waste Quick Look Guide

Salvage Yards/Auto Recyclers and Metal Processors

Hazardous Waste	=	HW	Polychlorinated Biphenyl Waste	=	PCB
Liquid Industrial By-product	=	LIB	Radioactive Waste	=	RAD
Universal Waste	=	UW	Chlorofluorocarbons	=	CFC
Solid Waste	=	SW	Scrap Tires	=	ST

Waste Description	Typical Waste Type	Best Handling Practices	Uniform Manifest or Shipping Document
Antifreeze, Used Oil, Windshield Wiper Fluid (non-methanol)	LIB	Remove, contain, prevent release to ground/sewers/drains/air, store indoors, and <ul style="list-style-type: none"> Reuse as is on-site (product) Process/recycle LIB on-site; or Recycle at a LIB Designated Facility 	LIB Shipping Document
Catch Basin Clean Out	LIB	Remove, contain, prevent release to ground/sewers/drains/air, store indoors and <ul style="list-style-type: none"> Dispose at a LIB Designated Facility 	LIB Shipping Document
Fuel	LIB if recycled HW if disposed	Remove, contain, prevent release to ground/sewers/drains/air, store indoors, & <ul style="list-style-type: none"> Reuse as is on-site (product) Recycle at a LIB Designated Facility Dispose at a licensed HW Disposal Facility 	LIB Shipping Document if recycled or CESQG and Manifest if SQG/LQG being disposed
Batteries Electronics Lamps Mercury Devices	UW or HW	Remove, label, store indoors in containers preventing breakage and <ul style="list-style-type: none"> For UW, recycle within 1 year by shipping to a UW Handler or UW Destination Facility after making prior arrangements If managing as a HW ship to a licensed HW Disposal Facility within 180 days if SQG and 90 if LQG 	Uniform Manifest if manage as HW
Non-Empty Aerosols Paints Solvents	LIB if CESQG HW if SQG/LQG	Keep in closed containers, prevent release to ground/sewers/drains/air, store indoors, and <ul style="list-style-type: none"> Reuse as is on-site (product) and/or puncture/recycle aerosol For LIB or CESQG HW, recycle/dispose at a LIB Designated Facility or licensed HW Disposal Facility For SQG/LQG HW recycle/dispose at licensed HW Disposal Facility 	LIB Shipping Document for LIB and CESQG HW Uniform Manifest for SQG/LQG HW
Non-hazardous Wash Waters	LIB	Collect, contain, prevent release to ground/sewers/drains/air, store indoors, and <ul style="list-style-type: none"> Dispose at a LIB Designated Facility or Dispose to municipal sanitary sewer if permitted by the local sewer authority 	Shipping Document unless direct discharged to sanitary sewer
PCB wastes	PCB	Collect, contain, prevent release to ground/sewers/drains/air, store indoors, and <ul style="list-style-type: none"> Dispose at a Toxic Substance Control Act Permitted Facility 	Uniform Manifest
Radioactive Scrap	RAD	Reject before delivery, notify Radiological Protection Staff at 517-335-2690 during business hours or 1-800-292-4706 after hours, and seek a permit to return to place of origin without prompting U.S. Department of Transportation (DOT) rules	
Refrigerants	CFC	Employ certified technician to capture and recover CFCs using certified recovery equipment, then ship for recycling. Contact U.S. Environmental Protection Agency at 800-296-1996 or 312-886-0749 for additional CFC information. Hydrofluorocarbons are also subject to new regulations .	
Undeployed Air Bags	Product if recycled HW if disposed	Non-waste when recycled for reuse or recovery of commodity value. If disposed, manage as a reactive D003 hazardous waste	Uniform Manifest for SQG/LQG
Used/Scrap Tires	ST	Send to a registered ST collection site using a registered ST hauler	Scrap Tire Manifest

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 " can remain in the container for it to be empty of HW subject to HW regulation. To locate facilities notified as handling UW, LIB, HW, and ST, go to 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 ≤ 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

Liquid Industrial By-product

- 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
- 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 all releases
- Respond to releases to stop, contain, and clean up 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

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](#), [emergency response](#), and report all releases
- Conduct frequent [inspections](#)
- Use [licensed HW disposal sites](#)
- Use Act [138 permitted/registered HW transporter](#)
- LQG file a [Biennial Report](#) every 2 years

View the recorded webinars in the [Waste Management & Regulations Webinar Series](#) at www.michigan.gov/deqevents to learn more.