

## Special Recoverable Materials Reference Chart

	Items	Louisiana	Minnesota	Mississippi	Missouri	Oklahoma	Oregon	Tennessee	Texas	Washington	EPA Region 6
1	Contaminated Plastic Bags	No information provided	No policy on this waste unless it comes into contact with medical waste or hazardous waste.	No information provided	No information provided	No information provided	Many stores offer recycling opportunities for plastic bags. There are plans for a pyrolysis unit that would utilize contaminated plastic bags as feed stock.	Contaminated plastic bags are reported with plastic shrink wrap. No information provided regarding contaminated plastic bags specifically.	Texas supports a website called Renew. There are some vendors looking for plastic bags. Whether contaminated plastic bags depends on the vendor.	No information provided	No information provided
2	Fiberglass	No information provided	No recycling information provided	No information provided	They (the state?) is working with a group that may have the ability to recycle fiberglass.	No information provided	No information provided	Fiberglass falls into the category of other or mixed glass.	No program for recycling or incentives for fiberglass. However there may be an avenue for recycling on the Renew website.	No information provided	No information provided
3	Fluorescent Bulbs	No information provided	Can be recycled at various stores. State funding is provided for county household hazardous waste facilities and collection events	No information provided	Grant program in place for recycling fluorescent bulbs. Home Depot and Lowe's collect the bulbs as well.	No information provided for Oklahoma	Small amount of fluorescent bulbs are recycled. Some bulbs from commercial facilities are recycled through a mail back program and other programs. Legislation may be introduced that would further limit the level of mercury in a bulb as well as set a minimum life span for a bulb.	No information provided.	It is possible that local HHW programs accept fluorescent bulbs from residences. There may also be mail in programs that accept fluorescent bulbs. Businesses may find recyclers willing to accept their bulbs.	Law in place that requires businesses and government agencies to recycle used mercury containing lights. A company called Ecolights provides that recycling service for Washington.	No information provided by deadline

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4	Fly Ash	No information provided	Testing fly ash in roadways as a supplement to other materials (some recycled) for road base.	No information provided	Put into kilns for making concrete blocks. MO DOT uses fly ash in concrete.	No information provided	No information provided.	This material falls into the industrial by-products category. However this material is allowed in Class II landfills.	Can be recycled by using in place of Portland cement when making concrete. Texas promotes this use. It also has various applications in TDOT projects: subgrade or base stabilizer, mineral filler, and supplementary cementing material	Some is used in cement	No information provided by deadline
5	Food Waste	No information provided	State goal of diverting 15% of waste to organic recycling by 2030. State funding to increase organics recycling to help achieve the goal.	Pre-consumer food waste is being composted. Post-consumer waste is being delivered to hog farms.	Used in composting. A biodigester is being installed in St. Louis that will convert food waste to energy and biofuel.	No information provided	There is a state grant program that provides funds to organizations to collect edible food destined for disposal. There are commercial food waste collection programs and residential collection programs. Portland collects all food wastes weekly from residents and commingles it with yard waste.	Composting opportunities are available.	Texas promotes the use of some food waste in composting.	May be composted	EPA has a national program called Food Recovery Challenge which asks participants to reduce as much of their food waste as possible for EPA assistance. More than 600 participants were in the program as of October 2014.

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6	Glass	No information provided	Use of 10% blend for aggregate in road base. Also allows the use of glass in surface-cleaning applications in place of traditional sandblasting media.	No information provided	Ripple Glass in St. Louis is a large recycler. Master Marble uses glass to make counter tops. Glass is also used as aggregate in sewer lines and glassphalt in roads.	Dlubak is a company in Okmulgee, Oklahoma that accepts bottles, jars, and window panes.	Oregon has what is referred to as a bottle bill. This law requires glass containers manufactured in the state or within 750 miles of the borders to use a minimum of 50% recycled glass in the final product. This has resulted in a high recovery rate of beer bottles. Many curbside collection programs separate glass from other materials resulting in high quality material for glass recycling.	Counties are using glass in unique ways such as beautification processes that include landscaping and glassphalt. Counties are also recycling glass.	No state-wide recycling programs or incentives for glass. Maybe an avenue for recycling with the Renew website.	Approximately 25 percent of glass is recycled into new glass, 25 percent is diverted to construction and other uses, and 50 percent is disposed of.	No information provided
7	No. 7 Plastics	L&W sells rigid plastics to a facility in West Monroe, LA	No information provided	No information provided	There are places that collect No. 7 plastics in Mo.	Waste Management/Recycle America accepts #7 plastics.	No program currently in place. Looking to increase recycling of plastics in general through outreach, possible mandates, possible landfill ban, and market development.	Some counties are reporting recycling of other plastics. Most of the time these are found in mixed bales or potentially landfilled.	No state-wide recycling programs or incentives for glass. Maybe an avenue for recycling with the Renew website.	No information provided	No information provided

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8	Plastic Shrink Wrap	No information provided	Recycling Association of Minnesota has a program for businesses to recycle plastic shrink wrap at a low costs. Many grocery stores provide recycling of plastic grocery bags. Some haulers do provide curbside recycling of plastic films.	No information provided	Some state agencies collect plastic shrink wrap on a case by case basis.	A company called Vintage plastics accepts plastic shrink wrap. Takes LDPE,LLDPE , HDPE, and colored plastic wrap.	Some recycling opportunities are available. The state is looking to increase the level of recycling by educating the public on what wraps are recyclable through outreach and possible package labeling.	LDPE is reported but not on a detailed level of whether is a wrap or bag.	No information provided	King County recycles plastic shrink wrap	No information provided
9	Rice Hulls	Rice Hull Specialty Products, Inc. located in Stuttgart, AR.	No information provided	No information provided	No information provided	No information provided	No information provided.	No program for rice hulls. Would be composted.	No information provided	Can be composted.	No information provided
10	Shingles	LA uses ground shingles in road projects. Facilities in Arkansas ground and sell shingles to LA for that purpose. CertainTeed Corporation sends pre-consumer shingle waste to RK Hall of Texarkana, TX to be made asphalt pavement for highways and bridges.	The use of asphalt shingle waste is recycled and used in road projects. The use of recycled residential "tearoff" shingles is in the final developmental stages.	No information provided	Shingles are allowed for use in asphalt.	No information provided.	There is some use of shingles in hot mix asphalt.	Shingle recycling are working with TDOT to incorporate this material This falls into the C&D category.	Texas allows for the use of manufacturers scrap shingles as well as tear off shingles in hot asphalt mix.	King County uses recycled asphalt shingles in road projects. Its projects have served as pilot projects for the use of recycled asphalt shingles over the past years.	No information provided

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11	Steel Slag	No information provided	No information provided	No information provided	No information provided.	No information provided.	No information provided.	This material falls into the industrial by-products category. However this material is allowed in Class II landfills.	Blast-furnace slag is used as aggregate in several Texas Dept. of Transportation projects	No information provided.	No information provided
12	Styrofoam	No information provided	There are six sites in Minnesota that accept Styrofoam. One facility allows the Styrofoam to be mailed in.	Styrofoam is being looked at by Dart Chemical as a potential item to recycle.	All Points Recycling in Cassville recycles Styrofoam. EPC in St. Louis recycles Styrofoam.	Some larger municipalities are purchasing equipment and molding their own Styrofoam blocks.	Some Styrofoam is recycled but there is no program to promote or further enable the recycling of Styrofoam.	Information regarding Styrofoam is required on the report.	No information provided.	There are some recycling drop-offs for Styrofoam in Washington.	No information provided
13	Tires	No information provided	Waste tires and waste tire shreds have several approved uses in Minnesota including, but not limited to, use in asphalt paving as a substitute for rubber, construction of public roads as lightweight fill, and substitute for conventional aggregate in construction applications with parameters.	No information provided	MO Vocational Enterprises (prison industry) is used to recycle tires. There are numerous facilities in Missouri that recycle tires. Ground tires are allowed to be used in modified asphalt.	There is a tire fund that pays processors and there is 12 tire recyclers who the state uses.	There are some industries in the state that recycle waste tires into new products or tire derived fuel.	Tire shredders and recyclers are showing up around TN. Tires are banned from landfills unless shredded but must report a financial justification for landfilling.	Texas prompts various uses for waste tires similar to those found in Arkansas.	Approximately 20 percent of tires are recycled, 20 percent diverted to other uses such as baled and used for barriers, 20 burned for energy, and 40 disposed of in landfills.	No information provided by deadline

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14	Wax Cardboard	No information provided	Some communities in the state provide recycling for some wax cardboards.	No information provided	Incinerated in St. Louis	No information provided	No known recycling opportunities for waxed cardboard. State promotes a preference for the grocery industry to move to alternatives to waxed cardboard.	Can be recycled in the "other category" for paper. No specific examples of recycling was cardboard.	No information provided	Some facilities will accept waxed cardboard for composting.	No information provided
15	Wood Waste	No information provided	Some recycling is conducted at CDRFs. Some waste to energy use. There is a law against the open burning of treated lumber	Contact represented that wood waste is required to be recycled. Was not able to confirm that requirement when Mississippi DEQ was contacted for a citation to that recycling requirement.	Pallets ground for mulch that state reuses or sales. Missouri Organics is starting to produce "urban lumber" (milled wood from trees removed in the urban corridor). Several Missouri companies produce furniture or other products from waste wood.	No information provided	Most wood waste in the state is ground to produce fuel for wood waste boilers used by large paper mills. In a more limited use some wood waste goes to make fiberboard and other manufactured wood products, including paper.	Is used for mulch	Can be used in composting	Treated wood has some markets for re-use and burning; untreated wood has some re-use and recycling markets; and land clearing wood can be composted.	No information provided
16	Yard Waste	No information provided.	Yard waste cannot be disposed of in landfills. There is some collection and composting of yard waste.	Yard waste is composted.	Banned from landfills. Yard waste is composted.	No information provided	Extensive curbside collection system for yard waste with many composting opportunities. Some depots for dropping off yard waste.	Composting opportunities available	Can be used in composting	To encourage the diversion of yard waste, WA provides technical and some financial assistance.	Yard waste can be composted. Many cities ban yard waste from trash pick-up.