

Mesa County Solid Waste Management Waste Matrix (Version 4/2011)

	Waste Type	Waste Example	Concerns	Mesa County Disposal Options	Analytical Testing Which May Be Required Prior to Disposal *All chemical analysis must be performed by a Utah certified laboratory	Acceptance Standards	Additional Requirements	Required Mesa County Solid Waste Management Forms	Approval Contact
NON MANIFESTED WASTE									
1	Animal Waste	Cows Horses House Pets	Free Liquids Preservation Agents Cause of Death Significant Number of Mortalities Odors	Landfill Disposal Animal Mortality Composting Site	Pathogen Identification	No Public Health Risk From Pathogens	Animals preserved with Formaldehyde are not acceptable for landfill disposal. Commercial haulers/users must sign an acknowledgement form.	None	Scale House Personnel
2	Animal Waste	Deer Elk Sheep Goats	Pathogens Safety Issues Odors Cause of Death	Landfill Disposal	Pathogen Identification Chronic Wasting Disease Test	Negative Test Results for Chronic Wasting Disease	None	None	Scale House Personnel
3	Automobiles and Trailers	Any Car, Truck or Trailer that requires licensing from the Department of Motor Vehicles	Ownership Documentation	Landfill Disposal		Title/Ownership Drained of all free liquids			Scale House Personnel
4	Manufactured & Mobile Homes	Single family dwellings	Regulatory Compliance	Landfill Disposal		Certificate of Removal Certificate of Destruction Copy of Title	Manufactured & Mobile Homes defined as real property per HOB 08-1260, will need the following: Certificate of Removal Certificate of Destruction Copy of Demolition Notification Application Form	See Acceptance Standards and Additional Requirements	Landfill Manager
5	Automotive Tires	Commercial Construction Agricultural Passenger	Disposal Location	Tire Disposal Area Landfill Disposal		Tires must be cut in half, quartered, or chipped for landfill disposal. Whole tires are deposited in the Tire Disposal Area.	Whole tires will be charged at special rates. Cut tires will be charged as ordinary garbage.	Commercial haulers will be required to manifest all loads per CDPHE mandate	Scale House Personnel
6	Compressed Gas Cylinders	Propane Cylinders Other Gas Cylinders	Safety Issues Hazardous Constituents Regulatory Compliance Ignitable Vapors	Hazardous Waste Collection Facility		For landfill disposal the compressed gas cylinder/ container must be empty, valves removed, and at atmospheric pressure.	Cylinders up to 25 PSI can be brought to the Hazardous Waste Collection Facility.		Scale House Personnel
7	Empty Containers	5 to 55 Gallon Containers Empty Septic Tanks	Free Liquids Hazardous Constituents Regulatory Compliance Ignitable Vapors	Landfill Disposal Hazardous Waste Collection Facility		RCRA empty or Triple Rinsed per 40 CFR 261.7	Triple Rinse Certificate	Certificate of Triple Rinse	Scale House Personnel
8	Refrigerators and Other CFC Containing Items	Air Conditioners / HVAC Units Refrigerators & Freezers	Regulatory Compliance	Acceptable for landfill disposal if CFCs removed and with appropriate removal certification letter.		CFCs have been legally removed and a Small Appliance Refrigerant Recovery Certification form to be filled out by EPA approved recycler.	Must have official form from Mesa County Landfill	Small Appliance Refrigerant Recovery Certification	Scale House Personnel
MANIFESTED WASTE									
9	Asbestos	Insulation Tiles Brick	Dust/Airborne Fibers Safety Issues Regulatory Compliance	Landfill Disposal (Non-Friable only) Asbestos Waste Cell Disposal		Meets specific packaging and labeling requirements.	Special Labeling and Packaging prior to disposal Shipping Manifest	Waste Characterization Data Form Waste Manifest	Hazardous Materials Manager / Landfill Manager
10	Methamphetamine Contaminated Debris	Demolition Debris Remediation Debris All Methamphetamine Contaminated Debris/ Medias	Dust Absorption	Landfill Disposal		Meets specific packaging and labeling requirements.	Contact Hazardous Materials Manager	Waste Characterization Data Form Non-Hazardous Waste Manifest	Hazardous Materials Manager/ Landfill Manager
11	Carbon Filters	Filter Media and Cartridges	Hazardous Constituents	Landfill Disposal Hazardous Waste Collection Facility	TCLP - Metals TCLP - Volatiles TCLP - Semi-Volatiles	See Table 1 Concentrations	At the discretion of the Hazardous Materials Manager.	Waste Characterization Data Form Sample Plan Waste Manifest	Hazardous Materials Manager
12	Construction/ Demolition Debris	Painted Lumber and Residues Concrete Debris Asbestos Containing Tiles Select Insulation Metal Wire	Dust Hazardous Constituents Safety Issues Regulatory Compliance	Landfill Disposal	TCLP - Metals Asbestos	See Table 1 Concentrations	Waste materials may be required to be deposited in specific areas of the landfill at the discretion of the Landfill Project Manager.	Waste Characterization Data Form Sample Plan Waste Manifest	Hazardous Materials Manager
13	Contaminated Soils	Petroleum Impacted Soil Street Sweeping Car Wash Debris Excavated Landfills Pesticide Impacted Soil Exploration and Production (E&P) Waste	Free Liquids Dust Hazardous Constituents Safety Issues Ignitable Vapors	Landfill Disposal	Radioactivity (gross Alpha) Paint Filter Test TCLP - Metals TCLP - Volatiles TCLP - Semi-Volatiles TCLP - BTEX TCLP - PAH TCLP - Pesticides Reactivity, Corrosivity, Ignitability TEPH TVPH	Pass Paint Filter Test See Table 1 Concentrations	Pre-submittal meeting and site visit with Mesa County Solid Waste are required. Waste disposal must be scheduled with the Landfill Project Manager prior to drop-off. Shipping Manifest	Waste Characterization Data Form Sample Plan Waste Manifest See Bulletin for Information	Hazardous Materials Manager
14	Dust Generating Wastes	Off-Specification Cement	Dust Safety Issues Regulatory Compliance Issues	Landfill Disposal		Meets campus air permit requirements for particulate emissions compliance.	At the discretion of the Landfill Project Manager or Compliance Manager.	Waste Characterization Data Form	Hazardous Materials Manager
15	Foundry waste	Core Sands Finishing Dusts Casting Molds & Sweepings	Dust Hazardous Constituents Safety Issues Regulatory Compliance	Landfill Disposal	TCLP - Metals	See Table 1 Concentrations	At the discretion of the Hazardous Materials Manager.	Waste Characterization Data Form Sample Plan Waste Manifest	Hazardous Materials Manager
16	Industrial Sludge	Bio-Solids Ink Lime Wood and Paper Pulp	Free Liquids Hazardous Constituents Regulatory Compliance Issues	Landfill Disposal Bio-Solid Composting Facility	Radioactivity (gross Alpha) Paint Filter Test TCLP - Metals TCLP - Volatiles TCLP - Semi-Volatiles TCLP - BTEX TCLP - PAH	Pass Paint Filter Test See Table 1 Concentrations	At the discretion of the Hazardous Materials Manager or Landfill Project Manager.	Waste Characterization Data Form Sample Plan Waste Manifest	Hazardous Materials Manager
17	Medical Waste	Materials that are lightly to moderately contaminated with blood and/ or bodily fluids. Solid pharmaceuticals that are not regulated under RCRA or the DEA.	Disease exposure	Landfill		Labeling Required 6mil poly bags- double bagged Non-infectious	Mandatory appointment	Waste Characterization Data Form Non-Hazardous Manifest	Hazardous Materials Manager
18	Resins/Paint Residue	Epoxy Fiberglass Urethane Polyurethane	Free Liquids	Landfill Disposal Hazardous Waste Collection Facility	To be determined by Hazardous Material Manager	Waste resins must not exhibit excessive heat, stickiness, or have a styrene order.	Waste must be fully cured and in a solid state.	Waste Characterization Data Form Sample Plan Waste Manifest	Hazardous Materials Manager
UNACCEPTABLE WASTES									
19	Unacceptable Waste for Disposal at the Mesa County Landfill	PCB Waste Waste Oils Spontaneously Combustible Mercury Containing Devices Hazardous Chemicals Biomedical Infectious Used Syringes / Sharps Fluorescent Light tubes Electronic Waste	Free Liquids Hazardous Constituents Regulatory Compliance Issues Safety Issues Hazardous Vapors	Hazardous Waste Collection Facility		Not Applicable	At discretion of Hazardous Material Manager		Hazardous Materials Manager
20	Unacceptable Waste within Mesa County System	Radioactive Wastes Biomedical Infectious Explosives	Radioactivity Safety Issues Regulatory Compliance	None		Waste can not exceed 20% above background radiation levels.	Waste is considered radioactive if the material alarms campus radiation detection monitors		NOT ACCEPTABLE