

EPA Source Code Listing for the Hazardous Waste Stream Report (WSR Form)

Report on the WSR Form in Item 1b1 (Source Code)	
Wastes From on-going Production and Service Processes	
Code	Description
G01	Dip, flush or spray rinsing (using solvents to clean or prepare parts or assemblies for further processing)
G02	Stripping and acid or caustic cleaning (using caustics to remove coatings or layers from parts or assemblies)
G03	Plating and phosphating (electro- or non-electroplating or phosphating)
G04	Etching (using caustics or other methods to remove layers or partial layers)
G05	Metal forming and treatment (pickling, heat treating, punching, bending, annealing, grinding, hardening, etc.)
G06	Painting and coating (manufacturing, building, or maintenance)
G07	Product and by-product processing (direct flow of wastes from chemical manufacturing or processing, etc.)
G08	Removal of spent process liquids or catalysts (bulk removal of wastes from chemical manufacturing or processing, etc.)
G09	Other production or service-related processes from which the waste is a direct outflow or result
Wastes From Other Intermittent Events or Processes	
Code	Description
G11	Discarding off-specification, out-of-date, and/or unused chemicals or products
G12	Lagoon or sediment dragout and leachate collection (large scale operations in open pits, ponds, or lagoons)
G13	Cleaning out process equipment (periodic sludge or residual removal from enclosed processes including internal scrubbing or cleaning)
G14	Removal of tank sludge, sediments or slag (periodic sludge or residual removal from storage tanks including internal scrubbing or cleaning)
G15	Process equipment change-out or discontinuation of equipment use (final materials and residuals removal including cleaning)
G16	Oil changes and filter or battery replacement (automotive, machinery, etc.)
G17	Subpart K laboratory waste clean-out (facility must have opted into the Subpart K rule to use this source code)
G19	Other one-time or intermittent processes
Residuals From Pollution Control and Waste Management Processes	
Code	Description
G21	Air pollution control devices (e.g., baghouse dust ash, etc. from stack scrubbers or precipitators; vapor collection, etc.)
G22	Laboratory analytical wastes (used chemicals from laboratory operations)
G23	Wastewater treatment (sludge, filter cake, etc., including wastes from treatment before discharge by NPDES or POTW or by UIC disposal)
G24	Solvent or product distillation as part of a production process (including totally enclosed treatment systems)
G25	Treatment, disposal, or recycling of hazardous wastes
G26	Leachate collection (from landfill operations or other land units)
G27	Treatment or recovery of universal waste

Wastes From Spills and Accidental Releases	
Code	Description
G31	Accidental contamination of products, materials or containers
G32	Cleanup of spill residues (infrequent, not routine)
G33	Leak collection and floor sweeping (on-going, routine)
G39	Other cleanup of current contamination (specify in comments)
Wastes From Remediation of Past Contamination	
Code	Description
G41	Closure of hazardous waste management unit under RCRA
G42	Corrective action at a solid waste management unit under RCRA
G43	Remedial action or emergency response under Superfund
G44	Cleanup under State or voluntary program
G45	Cleanup of underground storage tank
G49	Other remediation
Wastes Received by an LQG From VSQGs Under the Control of the Same Person	
Code	Description
G51	Hazardous wastes received by an LQG from VSQGs under the control of the same person
Wastes Not Physically Generated On-site	
Code	Description
G61	Received from off-site for storage/bulking and transfer off-site for treatment or disposal
G62	Hazardous waste received from a site located in a foreign country (other than a U.S. territory or protectorate)
G76	Evaluated hazardous waste pharmaceuticals accumulated by a reverse distributor
G77	Airbag waste received from airbag waste handlers exempted under 40 CFR 261.7(j) prior to arrival at the airbag collection facility or designated facility

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Report in Item 1o (Waste Form Code(s)) on the WSR Form	
Mixed Media / Debris / Devices	
Code	Description
W001	Lab packs from any source not containing acute hazardous waste
W002	Contaminated debris: (e.g., certain paper, clothing, rags, wood, empty fiber or plastic containers, glass, piping, or other solids)
W004	Lab packs from any source containing acute hazardous waste
W005	Waste pharmaceuticals managed as hazardous waste
W006	Airbag waste (airbag modules or airbag inflators managed as hazardous waste)
W301	Contaminated soil (usually from spill cleanup)
W309	Batteries, battery parts, cores, casings
W310	Filters, solid adsorbents, ion exchange resins and spent carbon
W320	Electrical devices (lamps, thermostats, CRTs, etc.)
W512	Sediment or lagoon dragout, drilling or other muds
W801	Compressed gases
Inorganic Liquids	
Code	Description
W101	Very dilute aqueous waste containing more than 99% water (land disposal restriction defined wastewater that is not exempt under NPDES or POTW discharge)
W103	Spent concentrated acid (5% or more)
W105	Acidic aqueous wastes less than 5% acid (diluted but pH <2)
W107	Aqueous waste containing cyanides (generally caustic)
W110	Caustic aqueous waste without cyanides (pH >12.5)
W113	Other aqueous waste or wastewaters (fluid but not sludge)
W117	Waste liquid mercury (metallic)
W119	Other inorganic liquid
Organic Liquids	
Code	Description
W200	Still bottoms in liquid form (fluid but not sludge)
W202	Concentrated halogenated (e.g., chlorinated) solvent
W203	Concentrated non-halogenated (e.g., non-chlorinated) solvent
W204	Concentrated halogenated/non-halogenated solvent mixture
W205	Oil-water emulsion or mixture (fluid but not sludge)
W206	Waste oil managed as hazardous waste
W209	Paint, ink, lacquer, or varnish (fluid - not dried out or sludge)
W210	Reactive or polymerizable organic liquids and adhesives (fluid but not sludge)
W211	Paint thinner or petroleum distillates
W219	Other organic liquid

Inorganic Solids	
Code	Description
W303	Ash (from any type of burning of hazardous waste)
W304	Slags, drosses, and other solid thermal residues
W307	Metal scale, filings and scrap (including metal drums)
W312	Cyanide or metal cyanide bearing solids, salts or chemicals
W316	Metal salts or chemicals not containing cyanides
W319	Other inorganic solids
Organic Solids	
Code	Description
W401	Pesticide solids (used or discarded; not contaminated soils)
W403	Solid resins, plastics or polymerized organics
W405	Explosives or reactive organic solids
W406	Dried paint (paint chips, filters, air filters, other)
W409	Other organic solids
Inorganic Sludges	
Code	Description
W501	Lime and/or metal hydroxide sludges and solids with no cyanides (not contaminated muds)
W503	Gypsum sludges from wastewater treatment or air pollution control
W504	Other sludges from wastewater treatment or air pollution control
W505	Metal bearing sludges (including plating sludge) not containing cyanides
W506	Cyanide-bearing sludges (not contaminated soils)
W519	Other inorganic sludges (not contaminated muds)
Organic Sludges	
Code	Description
W603	Oily sludge (not contaminated muds)
W604	Paint or ink sludges, still bottoms in sludge form (not contaminated muds)
W606	Resins, tars, polymer or tarry sludge (not contaminated muds)
W609	Other organic sludge

Handling Codes for Treatment, Storage, and Disposal Methods for the Hazardous Waste Stream Report (WSR Form)

Report in Item 4b, 5a, 5b, 5c, 5d on the WSR Form	
TSDR Disposal Methods	
Code	Description
D79	Underground Injection
D80	Landfill
D81	Land Treatment
D82	Ocean Disposal
D83	Surface Impoundment to Be Closed as a Landfill
D99	Other Disposal (Specify)
TSDR Storage Methods	
Code	Description
S01	Storage in a Container, Barrel, Drum Etc
S02	Storage in a Tank
S03	Storage in a Waste Pile
S04	Storage in a Surface Impoundment
S05	Drip Pad Storage
S06	Containment Building (Storage)
S99	Other Storage (Specify)
Onsite Handling	
Code	Description
H03	Released Onsite Directly to POTW
H05	On-Site Treatment in Enclosed System
H06	On-Site Wastewater Treatment Unit
H07	On-Site Elementary Neutralization
H09	On-Site Resource Recovery
H10	Other On-Site Handling (Specify)
TSDR Thermal Treatment	
Code	Description
T06	Liquid Injection Incinerator
T07	Rotary Kiln Incinerator
T08	Fluidized Bed Incinerator
T09	Multiple Hearth Incinerator
T10	Infrared Furnace Incinerator
T11	Molten Salt Destructor
T12	Pyrolysis
T13	Wet Air Oxidation
T14	Calcination
T15	Microwave Discharge
T18	Other (Specify)

TSDR Chemical Treatment	
Code	Description
T19	Absorption Mound
T20	Absorption Field
T21	Chemical Fixation
T22	Chemical Oxidation
T23	Chemical Precipitation
T24	Chemical Reduction
T25	Chlorination
T26	Chlorinolysis
T27	Cyanide Destruction
T28	Degradation
T29	Detoxification
T30	Ion Exchange
T31	Neutralization
T32	Ozonation
T33	Photolysis
T34	Other (Specify)
TSDR Physical Treatment by Separation	
Code	Description
T35	Centrifugation
T36	Clarification
T37	Coagulation
T38	Decanting
T39	Encapsulation
T40	Filtration
T41	Flocculation
T42	Flotation
T43	Foaming
T44	Sedimentation
T45	Thickening
T46	Ultrafiltration
T47	Other (Specify)
TSDR Physical Treatment Removal of Specific Components	
Code	Description
T48	Absorption-molecular Sieve
T49	Activated Carbon
T50	Blending
T51	Catalysis
T52	Crystallization
T53	Dialysis
T54	Distillation

TSDR Physical Treatment Removal of Specific Components Con't	
Code	Description
T55	Electrodialysis
T56	Electrolysis
T57	Evaporation
T59	Leaching
T58	High Gradient Magnetic Separation
T60	Liquid Ion Exchange
T61	Liquid-liquid Extraction
T62	Reverse Osmosis
T63	Solvent Recovery
T64	Stripping
T65	Sand Filter
T66	Other (Specify)
Miscellaneous (Subpart X)	
Code	Description
X01	Open Burning / Open Detonation
X02	Mechanical Processing
X03	Thermal Unit
X04	Geologic Repository
X99	Other Subpart X (Specify)
TSDR Biological Treatment	
Code	Description
T67	Activated Sludge
T68	Aerobic Lagoon
T69	Aerobic Tank
T70	Anaerobic Tank
T71	Composting
T72	Septic Tank
T73	Spray Irrigation
T74	Thickening Filter
T75	Trickling Filter
T76	Waste Stabilization Pond
T77	Other (Specify)
TSDR Boilers and Industrial Furnaces	
Code	Description
T80	Boiler
T81	Cement Kiln
T82	Lime Kiln
T83	Aggregate Kiln
T84	Phosphate Kiln

TSDR Boilers and Industrial Furnaces Cont.	
Code	Description
T85	Coke Oven
T86	Blast Furnace
T87	Smelting, Melting, or Refining Furnace
T88	Titanium Dioxide Chloride Process Oxidation Reactor
T89	Methane Reforming Furnace
T90	Pulping Liquor Recovery Furnace
T91	Combustion Device Used in the Recovery of Sulfur Values From Spent Sulfuric Acid
T92	Halogen Acid Furnaces
T93	Other Industrial Furnaces Listed in 40 Cfr 260.10 (Specify)
Other Treatment	
Code	Description
T94	Containment Building (Treatment)

EPA Management Method Code Listing **for the Hazardous Waste Stream Report (WSR Form)**

Report on the WSR Form in Item 4c (EPA Management Method Codes)	
Reclamation and Recovery	
Code	Description
H010	Metals recovery including retorting, smelting, chemical, etc.
H011	Mercury recovery (includes mercury retorting, bulb/lamp crushing and mercury vapor recovery, thermostat recovery, mercury from medical equipment recovery, mercury car switch recovery, etc.)
H015	Deployment/deactivation of airbag waste followed by metals recovery
H020	Solvents recovery
H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc.
H050	Energy recovery at this site; used as fuel (includes on-site fuel blending before energy recovery)
H061	Fuel blending prior to energy recovery at another site (waste generated on-site or received from off-site)
Destruction or Treatment Prior to Disposal at Another Site	
Code	Description
H040	Incineration; thermal destruction other than use as a fuel
H041	Open burning/open detonation (should be permitted under Subpart X with process code X01)
H042	Thermal desorption to remove organic contaminants from soil, sludge, or sediment by heating them in a unit called a "thermal desorber" to separate the contaminants
H070	Chemical treatment (reduction / destruction / oxidation / precipitation)
H081	Biological treatment
H090	Polymerization (LDR standard as treatment method)
H100	Physical treatment only (adsorption / absorption / separation / stripping / dewatering)
H110	Stabilization prior to land disposal at another site (encapsulation / stabilization / fixation)
H113	Stabilization to remove hazardous waste characteristics or to achieve delisting levels
H120	Combination of chemical, biological and/or physical treatment
H121	Neutralization only
H122	Evaporation
H129	Other treatment that does not include on-site disposal
Disposal	
Code	Description
H130	Surface impoundment that will be closed as a landfill (with prior treatment and/or stabilization meeting LDR treatment standard)
H131	Land treatment or application (with any prior treatment and/or stabilization)
H132	Landfill (with prior treatment and/or stabilization)
H134	Deepwell or underground injection (with or without treatment)
H136	Discharge to sewer/POTW (with prior storage - with or without treatment)
H137	Discharge to NPDES permit (with prior storage - with or without treatment)
Transfer Off-site	
Code	Description
H141	Storage & Transfer -The site receiving this waste stored/bulked and transferred the waste with no reclamation, recovery, destruction, treatment, or disposal at that site