

# **Code Definitions for Hazardous Waste Annual Reporting**

**Source Codes** - describes the type of process or activity (i.e. source) from which a hazardous waste was generated.

**Form Codes** - describes the general physical and chemical characteristics of a hazardous waste.

**Management Method Codes** - describes the type of hazardous waste management system used to treat or dispose of a hazardous waste.

**Unit of Measurement Codes**

**NY County Codes**

## SOURCE CODES

Source codes describe the type of process or activity (i.e., source) from which a hazardous waste was generated.

Code	Source Code Group
<b>Wastes from Ongoing Production and Service Processes</b>	
G01	Dip, flush or spray rinsing (using solvents to clean or prepare parts or assemblies for further processing – i.e. painting or assembly)
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)
G04	Etching(using caustics or other methods to remove layers)
G05	Metal forming and treatment (pickling, heat treating, etc.)
G06	Painting and coating(manufacturing, building, or maintenance)
G07	Product and by-product processing (direct flow of wastes from chemical manufacturing or processing)
G08	Removal of spent process liquids or catalysts(bulk removal of waste from chemical manufacturing or processing)
G09	Other production or service-related processes (specify in comments)
<b>Other Intermittent Events or Processes</b>	
G11	Discarding off-specification or out-of-date chemicals or products(unused chemicals or products)
G12	Lagoon or sediment dragout and leachate collection(large scale operation in open pits, ponds or lagoons)
G13	Cleaning out process equipment(periodic sludge or residual removal from enclosed processes including internal scrubbing)
G14	Removal of tank sludge, sediments or slag(periodic sludge or residual removal from storage tanks including internal scrubbing)
G15	Process equipment change-out or discontinuation of equipment use(final materials and residuals removal)
G16	Oil changes and filter or battery replacement(automotive, machinery)
G19	Other one-time or intermittent processes (specify in comments)
<b>Pollution Control and Waste Management Process Residuals</b>	
G21	Air pollution control devices (baghouse dust or ash from stack scrubbers or precipitators, vapor collectors, etc.)
G22	Laboratory analytical wastes (used chemicals)
G23	Wastewater treatment (sludge, filter cake, etc.)
G24	Solvent or product distillation as part of a production process. Does not include batch treatment in a separate process.
G25	Hazardous waste management - indicate management method
G26	Leachate collection(from landfill operations)
G27	Hazardous residual from treatment or recovery of universal waste
<b>Spills and Accidental Releases</b>	
G31	Accidental contamination of products, materials or containers(other than G11)
G32	Cleanup of spill residues(infrequent, not routine)
G33	Leak collection and floor sweeping(ongoing, routine)
G39	Other cleanup of current contamination (specify in comments)
<b>Remediation of Past Contamination</b>	
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	State program or voluntary cleanup
G45	Underground storage tank cleanup
G49	Other remediation (specify in comments)

<b>Waste Not Physically Generated On Site</b>	
G61	Hazardous waste received from off site for storage/bulking and transfer off site for treatment or disposal
G63 - G75	Hazardous waste received from a foreign country (other than a foreign Department of Defense site, Maquiladora, US territory or protectorate). This site was the generator of record. Enter the appropriate code from the list below -
G63	Hazardous Waste received from Antarctica
G64	Hazardous Waste received from Aruba
G65	Hazardous Waste received from Bahamas
G66	Hazardous Waste received from Belgium
G67	Hazardous Waste received from Brazil
G68	Hazardous Waste received from Canada
G69	Hazardous Waste received from Holland
G70	Hazardous Waste received from Malaysia
G71	Hazardous Waste received from Mexico
G72	Hazardous Waste received from New Zealand
G73	Hazardous Waste received from Taiwan
G74	Hazardous Waste received from Venezuela
G75	Hazardous Waste received from other foreign country - see comments for name

## FORM CODES

Form codes describe the general physical and chemical characteristics of a hazardous waste.

Code	Form Code Group
<b>Mixed Media/Debris/Devices</b> - Waste that is a mixture of organic and inorganic wastes, liquid and solid wastes, or devices that are not easily categorized	
W001	Lab packs with no acute hazardous waste
W002	Contaminated debris: paper, clothing, rags, wood, empty fiber or plastic containers, glass, piping, other solids (usually from construction, demolition, cleaning, remediation)
W004	Lab packs containing acute hazardous waste
W005	Waste Pharmaceuticals managed as hazardous waste
W301	Contaminated soil (usually from spill clean-up, demolition remediation)
W309	Batteries, battery parts, cores, casings (lead acid or other types)
W310	Filters, solid adsorbents, ion exchange resins and spent carbon (usually from production, intermittent processes, or remediation)
W320	Electrical devices (lamps, thermostats, CRTs, etc.)
W512	Sediment or lagoon dragout, drilling or other muds
W801	Compressed gases
<b>Inorganic Liquids</b> - Waste that is primarily inorganic and highly fluid (e.g., aqueous), with low suspended inorganic solids and low organic content	
W101	Very dilute aqueous waste containing more than 99% water (land disposal restriction defined wastewater that is not exempt under SPDES or POTW discharges)
W103	Spent concentrated acid (5% or more)
W105	Acidic aqueous wastes less than 5% acid < dilute 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 (specify in comments)
<b>Organic Liquids</b> - Waste that is primarily organic and is highly fluid, with low inorganic solids content and low-to-moderate water content	
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 (specify in comments)
<b>Inorganic Solids</b> - Waste that is primarily inorganic and solid, with low organic content and low-to-moderate water content; not pumpable	
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 (specify in comments)

## FORM CODES

<b>Organic Solids</b> - Waste that is primarily organic and solid, with low-to-moderate inorganic content and water content; not pumpable	
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 (specify in comments)
<b>Inorganic Sludges</b> - Waste that is primarily inorganic, with moderate-to-high water content and low organic content; mostly pumpable	
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 (specify in comments)
<b>Organic Sludges</b> - Waste that is primarily organic with low-to-moderate inorganic solids content and water content; pumpable	
W603	Oily sludge (not contaminated soils)
W604	Paint or ink sludges, still bottoms in sludge form (not contaminated soils)
W606	Resins, tars, polymer or tarry sludge (not contaminated soils)
W609	Other organic sludge (specify in comments)

## MANAGEMENT METHOD CODES

Management Method codes describe the type of hazardous waste management system used to treat or dispose a hazardous waste.

Code	Management Method Code Group
<b>Reclamation and Recovery</b>	
H010	Metals recovery including retorting, smelting, chemical, etc.
H020	Solvents recovery (distillation, extraction)
H039	Other recovery or reclamation for reuse including acid regeneration, organics recovery, etc. (specify in comments)
H050	Energy recovery at this site - use as fuel (includes on-site fuel blending)
H061	Fuel blending prior to energy recovery at another site
<b>Destruction or Treatment Prior to Disposal at Another Site</b>	
H040	Incineration - thermal destruction other than use as a fuel (includes any preparation prior to burning)
H071	Chemical reduction with or without precipitation (includes any preparation or final processes for consolidation of residuals)
H073	Cyanide destruction with or without precipitation (includes any preparation or final processes for consolidation of residuals)
H075	Chemical oxidation (includes any preparation or final processes for consolidation of residuals)
H076	Wet air oxidation (includes any preparation or final processes for consolidation of residuals)
H077	Other chemical precipitation with or without pre-treatment (includes any preparation or final processes for consolidation of residuals)
H081	Biological treatment with or without precipitation (includes any preparation or final processes for consolidation of residuals)
H082	Adsorption (as the major component of treatment)
H083	Air or steam stripping (as the major component of treatment)
H101	Sludge treatment and/or dewatering (as the major component of treatment; not H071-H075, H077, or H082)
H103	Absorption (as the major component of treatment)
H111	Stabilization or chemical fixation prior to disposal at another site (as the major component of treatment; not H071-H075, H077, or H082)
H112	Macro-encapsulation prior to disposal at another site (as the major component of treatment; not H071-H075, H077, or H082)
H121	Neutralization only (no other treatment)
H122	Evaporation (as the major component of treatment; not reportable as H071-H083)
H123	Settling or clarification (as the major component of treatment; not reportable as H071-H083)
H124	Phase separation (as the major component of treatment; not reportable as H071-H083)
H129	Other treatment (specify in comments)
<b>Disposal</b>	
H131	Land treatment or application (to include on-site treatment and/or stabilization)
H132	Landfill or surface impoundment that will be closed as landfill (to include on-site treatment and/or stabilization)
H134	Deepwell or underground injection (with or without treatment)
H135	Discharge to sewer/POTW or NPDES (with prior storage - with or without treatment)
<b>Storage and Transfer</b>	
H141	Storage, bulking, and/or transfer off site - no treatment/recovery (H010-H129), fuel blending (H061), or disposal (H131-H135) at this site <b>Do not use this code on Form GM, Section 1, Box D, or in Section 2</b>

## **Unit of Measurement Codes**

- 1 Pounds
- 2 Short tons (2,000 pounds)
- 3 Kilograms
- 4 Metric tonnes (1,000 kilograms)
- 5 Gallons
- 6 Liters
- 7 Cubic yards

## WASTE MINIMIZATION CODES

The following codes provide a description of existing or new waste minimization efforts undertaken to reduce the volume and/or toxicity of hazardous waste generated at the facility.

You may provide in the Comments section any additional information (including toxicity and quantity reductions to the extent that data are available) that will help NYSDEC to understand your efforts to prevent pollution, minimize waste, or recycle in regards to this waste stream. Additionally, you may explain in the Comments section why your efforts were either successful or unsuccessful or why you did not implement waste minimization efforts for this reporting year.

<b><i>I. The facility initiated waste minimization efforts prior to the reporting year and continued these efforts during the reporting year for this hazardous waste</i></b>		
<b>Code</b>	<b>Description</b>	<b>Examples</b>
A	Continued initiatives to reduce quantity and/or toxicity of this waste	<ul style="list-style-type: none"> <li>Improved production/synthesis processes, e.g., increased efficiency in product usage/product formulation, used less toxic or non-hazardous ingredients, modified product composition, or implemented technology conversion.</li> <li>Modified equipment, layout, and/or piping, e.g., longer auto bath analyzers, wastewater treatment system upgraded.</li> <li>Undertook inventory control/waste management processes or safety/good operating practices, e.g., materials shelf-life control, clearinghouse for materials exchange, better labeling procedures, improved maintenance scheduling/record keeping/procedures, control production schedule to minimize equipment and feedstock changeovers, bulk systems that replace drums, improved storage, spill/leak/accident prevention, cleaning/degreasing, etc.</li> </ul>
B	Continued initiatives to recycle the waste either on-site or off-site	The waste was used, reused, or reclaimed as a result of a change in the product formulation, product's chemical ingredients, or equipment; materials management process with a goal of sustainable use of materials, etc.
<b><i>II. The Facility initiated waste minimization efforts during the reporting year for this hazardous waste</i></b>		
C	Implemented new initiatives to reduce quantity and/or toxicity of this waste	See examples above for Code A
D	Implemented new initiatives to recycle the waste either on-site or off-site	See examples above for Code B
<b><i>III. The facility examined or attempted waste minimization efforts for this hazardous waste, but determined it was impracticable to implement these efforts; or the facility did not attempt waste minimization efforts for this waste</i></b>		
N	Waste minimization efforts found to be economically or technically impracticable	Economic constraints or not economically feasible; technical limitation of manufacturing operations, problems preventing or halting efforts (e.g., concern of declined product quality); not appearing to be feasible due to regulatory issues (e.g., permitting requirements or burdens); lack of available technology, etc.
X	No waste minimization efforts were implemented for this waste	The waste was received from off-site and was not generated at this location; the waste is infrequently generated.

## COUNTY CODES

<b>County Name</b>	<b>County Code</b>
ALBANY	NY001
ALLEGANY	NY003
BRONX	NY005
BROOME	NY007
CATTARAUGUS	NY009
CAYUGA	NY011
CHAUTAUQUA	NY013
CHEMUNG	NY015
CHENANGO	NY017
CLINTON	NY019
COLUMBIA	NY021
CORTLAND	NY023
DELAWARE	NY025
DUTCHESS	NY027
ERIE	NY029
ESSEX	NY031
FRANKLIN	NY033
FULTON	NY035
GENESEE	NY037
GREENE	NY039
HAMILTON	NY041
HERKIMER	NY043
JEFFERSON	NY045
KINGS	NY047
LEWIS	NY049
LIVINGSTON	NY051
MADISON	NY053
MONROE	NY055
MONTGOMERY	NY057
NASSAU	NY059
NEW YORK	NY061
NIAGARA	NY063
ONEIDA	NY065
ONONDAGA	NY067
ONTARIO	NY069
ORANGE	NY071
ORLEANS	NY073
OSWEGO	NY075
OTSEGO	NY077
PUTNAM	NY079
QUEENS	NY081
RENSSELAER	NY083

<b>County Name</b>	<b>County Code</b>
RICHMAND	NY085
ROCKLAND	NY087
ST LAWRENCE	NY089
SARATOGA	NY091
SCHENECTADY	NY093
SCHOHARIE	NY095
SCHUYLER	NY097
SENECA	NY099
STEUBEN	NY101
SUFFOLK	NY103
SULLIVAN	NY105
TIOGA	NY107
TOMPKINS	NY109
ULSTER	NY111
WARREN	NY113
WASHINGTON	NY115
WAYNE	NY117
WESTCHESTER	NY119
WYOMING	NY121
YATES	NY123