

US EPA ARCHIVE DOCUMENT

Rollins Environmental and GNB Treatment Data - Waste Stream Identifiers

As shown below, the majority of the waste streams comprising the Rollins Environmental and GNB database were derived from facilities involved in either primary or secondary mineral processing (21 of 31; 68%). The remaining waste streams were produced by facilities that generated metal-bearing remediation wastes (3 of 31; 9.6%), metal manufacturing wastes (3 of 31; 9.6%), foundry wastes (2 of 31; 6.4%), and spent metallic wastes (2 of 31; 6.4%).

Waste Stream Identifier	Type of Waste	Waste Stream Description	Primary Constituents (pH, RAW TCLPs - mg/L)
XXXXXXXX	Remediation	Baghouse Dust (Sprayed and Dried) From Incinerator	pH=7.5, Pb - 3.0
XXXXXXXX	Mineral Processing	Cadmium Sponge Residue	pH=11, Cd-4090, Pb-13, Zn-430
XXXXXXXX	Foundry	Grey Iron Cupola Melting Waste	pH=6.25, Pb-114
XXXXXXXX	2° Mineral Processing	Lead Slag Waste	pH=10, all metals <1
XXXXXXXX	Foundry	Baghouse Dust Waste	pH=6.8, Cd-11.7, Pb-338
XXXXXXXX	Mineral Processing	Cupels From Fire Assay Laboratory	pH=10.3, Pb-4430
XXXXXXXX	Mineral Processing	Crucibles From Fire Assay Laboratory	pH=7.5, Pb-77.2
XXXXXXXX	Mineral Processing	Slag From Fire Assay Laboratory	pH=11.7, Pb-8.67
XXXXXXXX	Mineral Processing	Soils and Debris With Sulfuric Acid	pH=2, Pb-18.8
XXXXXXXX	2° Mineral Processing	Lead-Bearing Assay Laboratory Wastes	pH=11, Pb-900
XXXXXXXX	2° Mineral Processing	Lead Contaminated Wastes, Cupels, and Debris	pH=11.3, Pb-1280
XXXXXXXX	Mineral Processing	Blast Furnace Slag	pH=10.23, Ba-13.5, Pb-50.7
XXXXXXXX	2° Mineral Processing	Blast Furnace Slag	pH=10.23, Ba-13.5, Pb-50.7
XXXXXXXX	Spent Metallic Products	Lead Aprons	pH=5.2, Pb-783
XXXXXXXX	Metal Manufacturing	Bottom Concentrated Plating Tank Sludge	pH=4.0, Cr-284
XXXXXXXX	Metal Manufacturing	Chromium Contaminated Sand and Dirt	pH=2.81, Cr-317
XXXXXXXX	2° Mineral Processing	Lead Recycling By-Products	pH=9.7, Pb-2690
XXXXXXXX	Metal Manufacturing	Porous Pot Solids	pH=8.76, Sb-16.1, Cr-1580
XXXXXXXX	Remediation Waste	Chromium Contaminated Soils	pH=8.79, Cr-40.6
XXXXXXXX	Spent Metallic Products	Lead Oxide Catalyst Waste	pH=6.54, Pb-1400
XXXXXXXX	2° Mineral Processing	Lead Contaminated Soils	pH=7.31, Pb-246
XXXXXXXX	Mineral Processing	Baghouse Dust Waste	pH=7.04, Cd-13, Pb-220, Zn-3100
XXXXXXXX	Remediation Waste	Lead Contaminated Surface Soil	pH=8.11, Pb-390, Zn-44.2
XXXXXXXX	Mineral Processing	Lead/Lead Bromide Residue	pH=8.95, Pb-1900
XXXXXXXX	Mineral Processing	Gold Ore Leach Tailings	pH=9.06, As-33.1

Waste Stream Identifier	Type of Waste	Waste Stream Description	Primary Constituents (pH, RAW TCLPs - mg/L)
XXXXX - XXXXX	2° Mineral Processing	Lead Battery Recycling Slag Waste	Ba-32, Pb-898 (Pb Total - 4.6%)