This chapter presents an index to the examples in Chapter 2. Each example (cited by example number rather than by page number) is referenced by key words that describe the recycled material, the recycling process, the processes that generate and/or use the recycled material, or the industry of interest.

The user can consult this index to locate examples similar to the practice of interest, based on the key words provided.

Acetone
   Reclamation - Spent Material 22

Acetylene Gas
   Use/Reuse - By-Product 1

Acid Digested Coal Ash
   Reclamation - By-Product 11

Acid Etching Solution
   Other - Non-Secondary Material 7
   Other - Non-Hazardous Secondary Material 3
   Other - Non-Hazardous Secondary Material 4
   Reclamation - Spent Material 13
   Use Constituting Disposal - Spent Material 1

Acid, Spent
   Reclamation - Spent Material 11

Activated Carbon Adsorption
   (See Carbon adsorption)
Addition to Water
   Use/Reuse - By-Product 1
   Use/Reuse - Spent Material 2
   Use/Reuse - Sludge 3

Adhesive Thinner
   Reclamation - Spent Material 27

Adsorptive Bubble Technique
   Reclamation - By-Product 11

Air Emission Control Dust
   Use/Reuse - Sludge 3

Alcohol
   Reclamation - Spent Material 26

Alcohols, Heavy
   Energy Recovery - Spent Material 3
   Energy Recovery - By-Product 3
   Energy Recovery - Mixed Material 1

Aluminum
   Reclamation - By-Product 11
   Reclamation - Spent Material 15
   Reclamation - Spent Material 16
   Reclamation - Spent Material 17

Aluminum Production
   Use/Reuse - Spent Material 4

Aluminum Sulfate
   Reclamation - Spent Material 15
   Reclamation - Spent Material 16
   Reclamation - Spent Material 17

Aluminum Trichloride
   Reclamation - Spent Material 8

Amorphous Polypropylene Residues
   Other - Non-Hazardous Secondary Material 6
   Other - Non-Hazardous Secondary Material 7
   Other - Non-Secondary Material 13
   Use Constituting Disposal - By-Product 4

3-2

278<
Arsenic Compounds
Reclamation - Spent Material 12

Asphalt
Other - Non-Hazardous Secondary Material 6
Other - Non-Hazardous Secondary Material 7
Other - Non-Secondary Material 13
Use Constituting Disposal - By-Product 4

Assembly of Chain Saws
Reclamation - Spent Material 27

Assembly of String Trimmers
Reclamation - Spent Material 27

Automobile Shredder Rejects
Reclamation - Scrap Metal 1
Reclamation - Scrap Metal 3

Bag Filter Materials
Use/Reuse - Sludge 5

Baghouse Dust
Reclamation - Sludge 7
Use/Reuse - Sludge 8

Basic Organic Chemicals
Energy Recovery - Spent Material 2

Battery Crackers
Reclamation - Spent Material 1
Reclamation - Spent Material 2

Battery Manufacturing
Reclamation - By-Product 10
Reclamation - Scrap Metal 2
Reclamation - Spent Material 3

Benzyl Chloride
Reclamation - By-Product 3

Berms
Other - Non-Hazardous Secondary Material 2
Use Constituting Disposal - Sludge 1

3-3
Blast Furnace
  Energy Recovery - By-Product 1
  Energy Recovery - By-Product 2
  Use/Reuse - Sludge 6
  Use/Reuse - Sludge 7

Blending
  Other - Non-Secondary Material 13
  Other - Non-Hazardous Secondary Material 6
  Other - Non-Hazardous Secondary Material 7
  Use Constituting Disposal - By-Product 4

Brass
  Reclamation - Sludge 7

Brass Dross Skimmings
  Reclamation - By-Product 1
  Use Constituting Disposal - By-Product 1
  Use Constituting Disposal - By-Product 2
  Use Constituting Disposal - By-Product 3

Brass Mill
  Other - Non-Secondary Material 6
  Reclamation - Sludge 7
  Reclamation - Spent Material 11

Brass Production
  Other - Non-Secondary Material 6
  Reclamation - Sludge 7
  Reclamation - Spent Material 11

Bright Dipping
  Reclamation - Spent Material 15
  Reclamation - Spent Material 16
  Reclamation - Spent Material 17

Briquetting
  Use/Reuse - Sludge 8

By-Product
  (See Listed By-Product or Characteristic By-Product)

By-Product Recovery
  Reclamation - Sludge 8
<table>
<thead>
<tr>
<th>Material</th>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cadmium</td>
<td>Reclamation</td>
<td>Sludge 8</td>
</tr>
<tr>
<td></td>
<td>Use Constituting Disposal</td>
<td>Sludge 6</td>
</tr>
<tr>
<td>Carbon</td>
<td>Energy Recovery</td>
<td>By-Product 1</td>
</tr>
<tr>
<td></td>
<td>Energy Recovery</td>
<td>By-Product 2</td>
</tr>
<tr>
<td>Carbon Adsorption</td>
<td>Other</td>
<td>Non-Secondary Material 8</td>
</tr>
<tr>
<td></td>
<td>Reclamation</td>
<td>Spent Material 5</td>
</tr>
<tr>
<td></td>
<td>Reclamation</td>
<td>Spent Material 9</td>
</tr>
<tr>
<td></td>
<td>Reclamation</td>
<td>Spent Material 18</td>
</tr>
<tr>
<td></td>
<td>Reclamation</td>
<td>Spent Material 19</td>
</tr>
<tr>
<td></td>
<td>Reclamation</td>
<td>Spent Material 20</td>
</tr>
<tr>
<td>Carbon Tetrachloride</td>
<td>Other</td>
<td>Non-Secondary Material 10</td>
</tr>
<tr>
<td></td>
<td>Reclamation</td>
<td>By-Product 8</td>
</tr>
<tr>
<td></td>
<td>Use/Reuse</td>
<td>By-Product 2</td>
</tr>
<tr>
<td>Catalysts</td>
<td>Other</td>
<td>Non-Hazardous Secondary Material 9</td>
</tr>
<tr>
<td></td>
<td>Reclamation</td>
<td>Spent Material 8</td>
</tr>
<tr>
<td></td>
<td>Use/Reuse</td>
<td>Spent Material 4</td>
</tr>
<tr>
<td></td>
<td>Use/Reuse</td>
<td>Spent Material 5</td>
</tr>
<tr>
<td>Catholyte</td>
<td>Other</td>
<td>Non-Hazardous Secondary Material 8</td>
</tr>
<tr>
<td></td>
<td>Reclamation</td>
<td>Spent Material 25</td>
</tr>
<tr>
<td>Chain Saw Assembly</td>
<td>Reclamation</td>
<td>Spent Material 27</td>
</tr>
<tr>
<td>Characteristic By-Product</td>
<td>Energy Recovery</td>
<td>By-Product 3</td>
</tr>
<tr>
<td></td>
<td>Energy Recovery</td>
<td>Mixed Material 1</td>
</tr>
<tr>
<td></td>
<td>Energy Recovery</td>
<td>Spent Material 3</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>Non-Hazardous Secondary Material 6</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>Non-Hazardous Secondary Material 7</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>Non-Secondary Material 10</td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td>Non-Secondary Material 13</td>
</tr>
<tr>
<td></td>
<td>Reclamation</td>
<td>By-Product 1</td>
</tr>
<tr>
<td></td>
<td>Reclamation</td>
<td>By-Product 4</td>
</tr>
<tr>
<td></td>
<td>Reclamation</td>
<td>By-Product 7</td>
</tr>
<tr>
<td></td>
<td>Reclamation</td>
<td>By-Product 8</td>
</tr>
</tbody>
</table>

3-5

281<
Characteristic By-Product, continued
Reclamation - By-Product 9
Reclamation - By-Product 10
Reclamation - By-Product 11
Use Constituting Disposal - By-Product 1
Use Constituting Disposal - By-Product 2
Use Constituting Disposal - By-Product 3
Use Constituting Disposal - By-Product 4
Use/Reuse - By-Product 1
Use/Reuse - Sludge 7

Characteristic Scrap Metal
Reclamation - Scrap Metal 1
Reclamation - Scrap Metal 2
Reclamation - Scrap Metal 3

Characteristic Sludge
Other - Non-Hazardous Secondary Material 2
Reclamation - Sludge 4
Reclamation - Sludge 5
Reclamation - Sludge 7
Reclamation - Sludge 8
Reclamation - Sludge 10
Reclamation - Sludge 11
Use Constituting Disposal - Sludge 1
Use Constituting Disposal - Sludge 2
Use Constituting Disposal - Sludge 3
Use Constituting Disposal - Sludge 4
Use Constituting Disposal - Sludge 5
Use Constituting Disposal - Sludge 6
Use/Reuse - Sludge 2
Use/Reuse - Sludge 3
Use/Reuse - Sludge 4
Use/Reuse - Sludge 6
Use/Reuse - Sludge 8

Characteristic Spent Material
Energy Recovery - By-Product 3
Energy Recovery - Mixed Material 1
Energy Recovery - Spent Material 1
Energy Recovery - Spent Material 3
Other - Non-Hazardous Secondary Material 3
Other - Non-Hazardous Secondary Material 4
Other - Non-Hazardous Secondary Material 8
Other - Non-Secondary Material 6
Other - Non-Secondary Material 7

282<
Characteristic Spent Material (continued)
    Other - Non-Secondary Material 14
    Other - Spent Material 1
    Other - Spent Material 2
    Other - Spent Material 3
    Other - Spent Material 4
    Reclamation - Spent Material 1
    Reclamation - Spent Material 2
    Reclamation - Spent Material 3
    Reclamation - Spent Material 6
    Reclamation - Spent Material 8
    Reclamation - Spent Material 11
    Reclamation - Spent Material 13
    Reclamation - Spent Material 15
    Reclamation - Spent Material 16
    Reclamation - Spent Material 17
    Reclamation - Spent Material 23
    Reclamation - Spent Material 25
    Reclamation - Spent Material 26
Use Constituting Disposal - Non-Hazardous Secondary Material 1
Use Constituting Disposal - Spent Material 1
Use Constituting Disposal - Spent Material 2
Use/Reuse - Spent Material 3
Use/Reuse - Spent Material 4
Use/Reuse - Spent Material 5
Use/Reuse - Spent Material 6
Use/Reuse - Spent Material 7
Use/Reuse - Spent Material 8

Chemical Manufacturing
    Energy Recovery - By-Product 3
    Energy Recovery - Mixed Material 1
    Energy Recovery - Spent Material 3
    Other - Non-Hazardous Secondary Material 2
    Other - Non-Hazardous Secondary Material 9
    Reclamation - Spent Material 8
    Reclamation - By-Product 3
    Reclamation - By-Product 4
    Use Constituting Disposal - Sludge 1
    Use/Reuse - Spent Material 4
    Use/Reuse - Spent Material 5

Chloralkali Sludges
    Reclamation - By-Product 6

3-7

283<
Chloride
Reclamation - By-Product 3
Reclamation - By-Product 4

Chlorinated Organic Solvents
Use/Reuse - Spent Material 8

Chlorination
Other - Non-Secondary Material 10
Reclamation - By-Product 8

Chlorine
Reclamation - By-Product 3
Reclamation - By-Product 4

Chlorine Production
Reclamation - By-Product 5

Chloromethanes
Other - Non-Secondary Material 10
Reclamation - By-Product 8

Chlorinated Hydrocarbon Waste
Reclamation - By-Product 5

Chromic Acid
Other - Non-Secondary Material 9
Other - Non-Secondary Material 12
Reclamation - Sludge 3
Reclamation - Spent Material 4

Chromium
Other - Non-Hazardous Secondary Material 8
Other - Non-Secondary Material 9
Other - Non-Secondary Material 12
Reclamation - By-Product 11
Reclamation - Sludge 3
Reclamation - Spent Material 4
Reclamation - Spent Material 25

Chromium Hydroxide
Use/Reuse - Sludge 1

Chromium Sulfate
Use/Reuse - Sludge 1

284<
Circuit Boards
  Other - Non-Secondary Material 4

Cleaning
  Other - Non-Secondary Material 11
  Reclamation - Spent Material 22

Closed Loop Process
  Use/Reuse - Sludge 2
  Use/Reuse - Spent Material 3
  Use/Reuse - Sludge 4
  Use/Reuse - Sludge 5
  Use/Reuse - Sludge 6
  Use/Reuse - Sludge 7
  Use/Reuse - Sludge 8

Coal
  Energy Recovery - By-Product 1
  Energy Recovery - By-Product 2

Coal Ash
  Reclamation - By-Product 11

Coated Fabric Production
  Other - Non-Secondary Material 11

Cobalt
  Reclamation - By-Product 11

Coke
  Energy Recovery - By-Product 1
  Energy Recovery - By-Product 2
  Energy Recovery - By-Product 4

Collection
  Use/Reuse - Sludge 8

Column Bottoms
  Other - Non-Secondary Material 2
  Other - Non-Secondary Material 5
  Reclamation - By-Product 2

Commercial Chemical Product
  Other - Non-Secondary Material 15
  Reclamation - Spent Material 24
Commercial Conditioning Agent
Other - Spent Material 4

Commercial Product Substitute
(See substitute for commercial product)

Computer Manufacturing
Reclamation - Sludge 9

Concentrate
Other - Non-Secondary Material 14
Reclamation - Spent Material 23

Concentration
Other - Non-Secondary Material 14
Reclamation - Spent Material 7
Reclamation - Spent Material 23

Condensate
Reclamation - By-Product 7

Condensation
Reclamation - By-Product 6
Reclamation - Spent Material 15
Reclamation - Spent Material 16
Reclamation - Spent Material 17

Continued Use of Material
Other - Non-Secondary Material 1
Other - Non-Secondary Material 3
Other - Non-Secondary Material 4

Converter
Use/Reuse - Sludge 4

Copper
Other - Non-Secondary Material 6
Other - Non-Secondary Material 14
Reclamation - By-Product 1
Reclamation - By-Product 11
Reclamation - By-Product 18
Reclamation - Sludge 9
Reclamation - Sludge 10
Reclamation - Spent Material 23
Use Constituting Disposal - Sludge 6
Use/Reuse - Spent Material 3

3-10

286<
Copper Electroplating
    Other - Non-Secondary Material 14
    Reclamation - Spent Material 23

Copper Production
    Use/Reuse - Spent Material 3
    Use/Reuse - Sludge 4

Cyanide Plating Bath
    Other - Non-Secondary Material 8
    Reclamation - Spent Material 19
    Reclamation - Spent Material 20

Decanter Tank Tar Sludge
    Energy Recovery - By-Product 1
    Energy Recovery - By-Product 2
    Energy Recovery - By-Product 4

Decanting
    Reclamation - Spent Material 5

Decolorization Operations
    Reclamation - Spent Material 12

Degreasing
    Other - Non-Hazardous Secondary Material 6
    Other - Non-Hazardous Secondary Material 7
    Other - Non-Secondary Material 13
    Reclamation - Spent Material 21
    Use Constituting Disposal - By-Product 4

Demisting
    Reclamation - By-Product 6

Dewatering
    Reclamation - By-Product 6
    Reclamation - Sludge 9

Diaphragm Cell Process
    Reclamation - By-Product 5

Diluents
    Reclamation - Spent Material 18
Distillate
  Other - Non-Secondary Material 14
  Reclamation - Spent Material 23

Distillation
  Energy Recovery - Spent Material 1
  Other - Non-Secondary Material 10
  Reclamation - By-Product 3
  Reclamation - By-Product 4
  Reclamation - By-Product 7
  Reclamation - By-Product 8
  Reclamation - By-Product 11
  Reclamation - By-Product 16
  Reclamation - Sludge 4
  Reclamation - Spent Material 10
  Reclamation - Spent Material 21
  Reclamation - Spent Material 22
  Reclamation - Spent Material 26

Distillation Bottoms
  Use/Reuse - By-Product 2

Distillation Residue
  Energy Recovery - Spent Material 1

Dredging
  Energy Recovery - Non-Secondary Material 1

Dross Furnace
  Use/Reuse - Sludge 2

Dross Skimmings
  Reclamation - By-Product 1
  Use Constituting Disposal - By-Product 1
  Use Constituting Disposal - By-Product 2
  Use Constituting Disposal - By-Product 3

Dusts, Blast Furnace
  Use/Reuse - Sludge 7

Electrolytes
  Reclamation - Spent Material 3

Electrolytic Stripping
  Reclamation - Sludge 11

288<
Electronics Manufacturing
  Reclamation - Sludge 9

Electroplating
  Other - Non-Secondary Material 8
  Other - Non-Secondary Material 14
  Reclamation - Sludge 8
  Reclamation - Spent Material 19
  Reclamation - Spent Material 20
  Reclamation - Spent Material 23

Electroplating Sludge
  Reclamation - Sludge 9

Electrostatic Precipitator Ash
  Reclamation - Sludge 11

Emission Control Dust
  Reclamation - Sludge 5
  Reclamation - Sludge 8
  Use/Reuse - Sludge 2
  Use/Reuse - Sludge 4
  Use/Reuse - Sludge 6

Equipment Washing
  Other - Non-Secondary Material 11

Etchants
  Other - Non-Hazardous Secondary Material 8
  Reclamation - Spent Material 25

Etching Solution
  Use/Reuse - Spent Material 6

Ethyl Alcohol
  Energy Recovery - Spent Material 1
  Reclamation - Spent Material 6

Evaporation
  Other - Non-Secondary Material 8
  Other - Non-Secondary Material 14
  Reclamation - Spent Material 7
  Reclamation - Spent Material 15
  Reclamation - Spent Material 16
  Reclamation - Spent Material 17
  Reclamation - Spent Material 19

3-13
Evaporation, continued
  Reclamation - Spent Material 20
  Reclamation - Spent Material 23
  Use/Reuse - Spent Material 6

Excluded
  Other - Spent Material 1
  Other - Spent Material 2
  Other - Spent Material 3

Exempt
  Energy Recovery - By-Product 2
  Reclamation - Scrap Metal 1
  Reclamation - Scrap Metal 2
  Reclamation - Scrap Metal 3
  Reclamation - Sludge 2
  Reclamation - Spent Material 1
  Reclamation - Spent Material 3
  Reclamation - Spent Material 6
  Use Constituting Disposal - Sludge 4

Explosives
  Reclamation - Sludge 6

F001 Waste
  Reclamation - Spent Material 5

F001-F005 Wastes
  Reclamation - Spent Material 9
  Reclamation - Spent Material 21

F002 Waste
  Reclamation - Spent Material 10

F003 Waste
  Reclamation - Spent Material 22

F005 Waste
  Other - Non-Secondary Material 11
  Reclamation - Spent Material 27

F006 Waste
  Reclamation - Sludge 2
  Reclamation - Sludge 9
  Use/Reuse - Sludge 1

3-14

290<
F007 Waste
Other - Non-Secondary Material 8
Other - Non-Secondary Material 9
Other - Non-Secondary Material 12
Reclamation - Spent Material 4
Reclamation - Sludge 3
Reclamation - Spent Material 19
Reclamation - Spent Material 20

F021 Waste
Use/Reuse - Sludge 5

Ferric Chloride
Reclamation - Spent Material 7

Ferrous Chloride
Reclamation - Spent Material 7

Fertilizer
Other - Non-Hazardous Secondary Material 2
Other - Non-Hazardous Secondary Material 3
Other - Non-Hazardous Secondary Material 4
Reclamation - By-Product 1
Use Constituting Disposal - By-Product 1
Use Constituting Disposal - By-Product 2
Use Constituting Disposal - By-Product 3
Use Constituting Disposal - Non-Hazardous Secondary Material
Use Constituting Disposal - Sludge 1
Use Constituting Disposal - Sludge 2
Use Constituting Disposal - Sludge 3
Use Constituting Disposal - Sludge 4
Use Constituting Disposal - Sludge 5
Use Constituting Disposal - Sludge 6
Use Constituting Disposal - Spent Material 1
Use Constituting Disposal - Spent Material 2

Filter Press Sludge
Other - Non-Hazardous Secondary Material 5

Filtration
Use/Reuse - Spent Material 6

3-15
Flue Dusts
Reclamation - Sludge 10
Use Constituting Disposal - Sludge 2
Use Constituting Disposal - Sludge 3
Use Constituting Disposal - Sludge 4
Use Constituting Disposal - Sludge 5

Flue Gas
Reclamation - Sludge 11

Fluoridating Agent
Use/Reuse - Sludge 3

Food-Grade Phosphoric Acid
Use/Reuse - Spent Material 5

Friedel Krafts Catalyst
Use/Reuse - Spent Material 4

Fuel
Energy Recovery - By-Product 4

Further Reclamation
Other - Non-Secondary Material 15
Reclamation - Spent Material 24

Galvanized Metals
Reclamation - Sludge 10
Reclamation - Sludge 11

Gold
Reclamation - Sludge 2

Graphic Arts Industry
Reclamation - Spent Material 18

Graphite Anodes
Reclamation - By-Product 5

Greases
Reclamation - Spent Material 21

Halogenated Solvents
Reclamation - Spent Material 10

292< 3-16
Heavy Alcohols
Energy Recovery - By-Product 3
Energy Recovery - Mixed Material 1
Energy Recovery - Spent Material 3

Heavy Ends
Other - Non-Secondary Material 2
Other - Non-Secondary Material 5
Reclamation - By-Product 2

Heavy Metals
Use Constituting Disposal - Sludge 6

Heavy Residuals
Energy Recovery - By-Product 3
Energy Recovery - Spent Material 3

Herbicides
Reclamation - Sludge 4

Hexachlorobenzene
Other - Non-Secondary Material 10
Reclamation - By-Product 8

Hexachlorobutadiene
Other - Non-Secondary Material 2
Other - Non-Secondary Material 5
Other - Non-Secondary Material 10
Reclamation - By-Product 2
Reclamation - By-Product 8

Hydrocarbon Waste
Reclamation - By-Product 5

Hydrocarbons
Energy Recovery - By-Product 3
Energy Recovery - Mixed Material 1
Energy Recovery - Spent Material 3

Hydrochloric Acid
Reclamation - By-Product 3
Reclamation - By-Product 4
Use/Reuse - Spent Material 8

Hydrofluoric Acid
Use/Reuse - Spent Material 6
Hydrofluorosilicic Acid
   Use/Reuse - Sludge 3

Incinerator
   Reclamation - Sludge 11

Industrial Boiler
   Energy Recovery - Spent Material 2

Industrial Ethyl Alcohol
   Energy Recovery - Spent Material 1
   Reclamation - Spent Material 6

Ingredient
   Use/Reuse - By-Product 2
   Use/Reuse - Sludge 1
   Use/Reuse - Spent Material 6
   Use/Reuse - Spent Material 7

Inherently Waste-Like
   Use/Reuse - Sludge 5

Inks
   Reclamation - Spent Material 18

Integrated Circuits
   Reclamation - By-Product 10

Ion Exchange
   Other - Non-Secondary Material 9
   Other - Non-Secondary Material 12
   Reclamation - Sludge 3
   Reclamation - Sludge 4
   Reclamation - Spent Material 4
   Reclamation - Spent Material 15
   Reclamation - Spent Material 16
   Reclamation - Spent Material 17

Iridium
   Reclamation - Sludge 2

Iron
   Reclamation - By-Product 11

294< 3-18
Iron Oxide
  Use/Reuse - Spent Material 7

Isopropyl Alcohol
  Reclamation - Spent Material 26

K014 Waste
  Reclamation - By-Product 3

K016 Waste
  Use/Reuse - By-Product 2

K030 Waste
  Other - Non-Secondary Material 2
  Other - Non-Secondary Material 5
  Reclamation - By-Product 2

K045 Waste
  Reclamation - Sludge 6

K047 Waste
  Use/Reuse - Spent Material 1

K061 Waste
  Use/Reuse - Sludge 6
  Use/Reuse - Sludge 8

K062 Waste
  Other - Non-Secondary Material 6
  Reclamation - Spent Material 7
  Reclamation - Spent Material 11
  Reclamation - Spent Material 14
  Use/Reuse - Spent Material 2

K071 Waste
  Reclamation - By-Product 6

K073 Waste
  Reclamation - By-Product 5

K086 Waste
  Reclamation - Spent Material 18
K087 Waste
Energy Recovery - By-Product 1
Energy Recovery - By-Product 2
Energy Recovery - By-Product 4

K102 Waste
Reclamation - Spent Material 12

Ketones
Energy Recovery - By-Product 3
Energy Recovery - Mixed Material 1
Energy Recovery - Spent Material 3

Kieselguhr Clay
Use/Reuse - Spent Material 5

Landfill Cover Material
Other - Non-Hazardous Secondary Material 2
Use Constituting Disposal - Sludge 1

Lanolin
Reclamation - Spent Material 21

Lead
Reclamation - By-Product 5
Reclamation - By-Product 10
Reclamation - By-Product 11
Reclamation - Spent Material 1
Reclamation - Spent Material 2
Use Constituting Disposal - Sludge 6

Lead Acid-Batteries
Reclamation - By-Product 10

Leather Tanning
Use/Reuse - Sludge 1

Levees
Other - Non-Hazardous Secondary Material 2
Use Constituting Disposal - Sludge 1

Lime
Use/Reuse - By Product 1

296<
3-20
Liquid-Liquid Extraction
Reclamation - Spent Material 14

Listed
(See numerical listing, e.g., K062)

Listed By-Product
Energy Recovery - By-Product 1
Energy Recovery - By-Product 2
Energy Recovery - By-Product 4
Other - Non-Secondary Material 2
Other - Non-Secondary Material 5
Reclamation - By-Product 2
Reclamation - By-Product 3
Reclamation - By-Product 5
Reclamation - By-Product 6
Use/Reuse - By-Product 2

Listed Sludge
Other - Non-Secondary Material 12
Reclamation - Sludge 1
Reclamation - Sludge 2
Reclamation - Sludge 3
Reclamation - Sludge 6
Reclamation - Sludge 9
Reclamation - Spent Material 4
Use/Reuse - Sludge 1
Use/Reuse - Sludge 5

Listed Spent Material
Other - Non-Secondary Material 8
Other - Non-Secondary Material 9
Other - Non-Secondary Material 11
Other - Non-Secondary Material 12
Other - Non-Secondary Material 15
Reclamation - Sludge 3
Reclamation - Spent Material 4
Reclamation - Spent Material 5
Reclamation - Spent Material 7
Reclamation - Spent Material 9
Reclamation - Spent Material 10
Reclamation - Spent Material 11
Reclamation - Spent Material 12
Reclamation - Spent Material 14
Reclamation - Spent Material 18

3-21
Listed Spent Material, continued
Reclamation - Spent Material 19
Reclamation - Spent Material 20
Reclamation - Spent Material 21
Reclamation - Spent Material 22
Reclamation - Spent Material 24
Reclamation - Spent Material 27
Use/Reuse - Spent Material 1
Use/Reuse - Spent Material 2

Magnesium Casting
Reclamation - Spent Material 27

Manganese
Reclamation - By-Product 11

Marine Fuel
Energy Recovery - By-Product 3
Energy Recovery - Mixed Material 1
Energy Recovery - Spent Material 3

Mercury
Reclamation - By-Product 6

Metal Cations
Reclamation - By-Product 11

Metal degreasers
Other - Non-Secondary Material 4

Metal Finishing
Other - Non-Secondary Material 9
Other - Non-Secondary Material 12
Reclamation - Sludge 2
Reclamation - Sludge 3
Reclamation - Sludge 8
Reclamation - Spent Material 4
Use Constituting Disposal - Non-Hazardous Secondary Material 1
Use Constituting Disposal - Spent Material 2
Use/Reuse - Sludge 1

Metal Refining
Use Constituting Disposal - Sludge 2
Use Constituting Disposal - Sludge 3
Use Constituting Disposal - Sludge 4
Use Constituting Disposal - Sludge 5
Metallurgical Industries
Use/Reuse - Spent Material 6

Metals
Other - Non-Hazardous Secondary Material 8
Reclamation - By-Product 1
Reclamation - Spent Material 25
Use Constituting Disposal - Sludge 1

Metals, Galvanized
Reclamation - Sludge 10
Reclamation - Sludge 11

Metals, Heavy
Use Constituting Disposal - Sludge 6

Metals, Non-Ferrous Mixed
Reclamation - Scrap Metal 1
Reclamation - Scrap Metal 3

Metals, Unspecified
Other - Non-Hazardous Secondary Material 2
Reclamation - Sludge 9

Methanol
Other - Non-Secondary Material 15
Reclamation - Sludge 4
Reclamation - Spent Material 24

Methyl Ethyl Ketone
Other - Non-Secondary Material 17
Reclamation - Spent Material 27

Methylene Chloride
Reclamation - By-Product 9
Reclamation - Spent Material 10
Use/Reuse - Spent Material 8

Mixed Metals
Reclamation - Scrap Metal 1
Reclamation - Scrap Metal 3

3-23

299<
Mixing
Energy Recovery - By-Product 3
Energy Recovery - Mixed Material 1
Energy Recovery - Spent Material 3

Motor Oil Production
Other - Spent Material 1

Municipal Incinerator
Reclamation - Sludge 11

Municipal Wastewater Treatment Sludge
Use Constituting Disposal - Sludge 6

Natural Gas Transmission
Energy Recovery - Non-Secondary Material 1

Neutralization
Other - Non-Secondary Material 9
Other - Non-Secondary Material 12
Reclamation - Sludge 3
Reclamation - Spent Material 4
Reclamation - Spent Material 7

Nickel
Reclamation - By-Product 11
Use Constituting Disposal - Sludge 6

Nickel Tube
Other - Non-Secondary Material 10
Reclamation - By-Product 8

Nitric Acid
Reclamation - Spent Material 15
Reclamation - Spent Material 16
Reclamation - Spent Material 17

Non-Beneficial Use
Other - Spent Material 4

Non-Magnetic Shredder Rejects
Reclamation - Scrap Metal 1
Reclamation - Scrap Metal 3

300< 3-24
Non-Ferrous Mixed Metals
  Reclamation - Scrap Metal 1
  Reclamation - Scrap Metal 3

Oils
  Reclamation - Spent Material 26

Olefin Polymerization Catalyst
  Use/Reuse - Spent Material 5

Oleum
  Other - Spent Material 1

Organic Chemicals Manufacturing
  Energy Recovery - Spent Material 2

Organic Intermediates
  Energy Recovery - Spent Material 2

Organic Solvents
  Use/Reuse - Spent Material 8

Organo-Arsenic Compounds
  Reclamation - Spent Material 12

Organo-Tin Manufacturing
  Other - Non-Hazardous Secondary Material 5

Osmium
  Reclamation - Sludge 2

Oxides
  Reclamation - By-Product 1
  Reclamation - Spent Material 1
  Reclamation - Spent Material 2
  Use Constituting Disposal - By-Product 1
  Use Constituting Disposal - By-Product 2
  Use Constituting Disposal - By-Product 3

Paint Manufacture
  Other - Non-Secondary Material 7
  Reclamation - Spent Material 13

Palladium
  Reclamation - Sludge 2
Paper Industry
Use/Reuse - Spent Material 1

Pentachlorphenol
Use/Reuse - Sludge 5

Perchloroethylene
Other - Non-Secondary Material 2
Other - Non-Secondary Material 5
Reclamation - By-Product 2

Perfumes
Reclamation - Spent Material 26

Petroleum Fractionalization
Use/Reuse - Spent Material 5

Petroleum Refining
Reclamation - By-Product 7

pH Adjustment
Reclamation - By-Product 11

Pharmaceutical Manufacturing
Other - Non-Secondary Material 15
Reclamation - Spent Material 24

Phenol
Reclamation - By-Product 7

Phenoxy Herbicides
Reclamation - Sludge 4

Phosphoric Acid
Reclamation - Spent Material 15
Reclamation - Spent Material 16
Reclamation - Spent Material 17
Use/Reuse - Spent Material 5

Pickle Liquor
Other - Non-Secondary Material 6
Reclamation - Spent Material 7
Reclamation - Spent Material 14
Use/Reuse - Spent Material 2
Use/Reuse - Spent Material 8
Pickling
Reclamation - Spent Material 14
Use/Reuse - Spent Material 8

Pink/Red Water
Use/Reuse - Spent Material 1

Pipeline Condensate
Energy Recovery - Non-Secondary Material 1

Plasticizers
Energy Recovery - Spent Material 2

Plating Bath
Other - Non-Secondary Material 9
Other - Non-Secondary Material 12
Other - Non-Secondary Material 14
Reclamation - Sludge 3
Reclamation - Spent Material 4
Reclamation - Spent Material 23

Plating Bath Rinewaters
Other - Non-Secondary Material 14
Reclamation - Spent Material 23

Platinum
Reclamation - Sludge 2

Platinum Catalysts
Other - Non-Hazardous Secondary Material 9

Pollution Control
Reclamation - Sludge 4

Polymeric Residues
Other - Non-Hazardous Secondary Material 6
Other - Non-Hazardous Secondary Material 7
Other - Non-Secondary Material 13
Use Constituting Disposal - By-Product 4

Polypropylene
Other - Non-Hazardous Secondary Material 6
Other - Non-Hazardous Secondary Material 7
Other - Non-Secondary Material 13
Use Constituting Disposal - By-Product 4

3-27

303<
Polyurethane Waste
  Reclamation - By-Product 9

Potassium Fluoride
  Use/Reuse - Spent Material 6

Potassium Hydroxide
  Use/Reuse - Spent Material 6

Precious Metals
  Reclamation - Sludge 2

Preservative
  Use/Reuse - Spent Material 6

Press and Roller Cleanup
  Other - Non-Secondary Material 3

Primary Smelting
  Reclamation - Sludge 5
  Reclamation - Sludge 8
  Use/Reuse - Sludge 2

Printed Circuit Boards
  Reclamation - By-Product 10
  Reclamation - Spent Material 9

Printing and Coating Operations
  Other - Non-Secondary Material 3

Printing and Publishing Industry
  Reclamation - Spent Material 18

Process Water
  Other - Non-Secondary Material 14
  Reclamation - Spent Material 23

Processor
  Other - Non-Hazardous Secondary Material 6
  Other - Non-Hazardous Secondary Material 7
  Other - Non-Secondary Material 13
  Use Constituting Disposal - By-Product 4
Product of Reclamation

Energy Recovery - Spent Material 1
Other - Non-Hazardous Secondary Material 2
Other - Non-Hazardous Secondary Material 3
Other - Non-Hazardous Secondary Material 4
Other - Non-Hazardous Secondary Material 6
Other - Non-Hazardous Secondary Material 7
Other - Non-Hazardous Secondary Material 8
Other - Non-Secondary Material 2
Other - Non-Secondary Material 5
Other - Non-Secondary Material 7
Other - Non-Secondary Material 8
Other - Non-Secondary Material 9
Other - Non-Secondary Material 10
Other - Non-Secondary Material 12
Other - Non-Secondary Material 13
Other - Non-Secondary Material 14
Other - Non-Secondary Material 15
Reclamation - Scrap Metal 3
Reclamation - Spent Material 2
Reclamation - Spent Material 16
Reclamation - Spent Material 17
Reclamation - Spent Material 20

Pulping Liquor
Use/Reuse - Spent Material 1
Other - Spent Material 2

Purification
Reclamation - By-Product 5
Reclamation - Spent Material 19
Reclamation - Spent Material 20
Use/Reuse - Spent Material 6

Pyrolytic Plant
Use/Reuse - Sludge 2

Quick Drying
Reclamation - Spent Material 27

Refuse Incineration
Reclamation - Sludge 11
Regeneration
- Other - Non-Secondary Material 9
- Other - Non-Secondary Material 12
- Other - Non-Secondary Material 15
- Other - Non-Hazardous Secondary Material 8
- Other - Non-Hazardous Secondary Material 9
- Reclamation - Sludge 1
- Reclamation - Sludge 3
- Reclamation - Sludge 4
- Reclamation - Sludge 6
- Reclamation - Spent Material 3
- Reclamation - Spent Material 4
- Reclamation - Spent Material 5
- Reclamation - Spent Material 6
- Reclamation - Spent Material 9
- Reclamation - Spent Material 10
- Reclamation - Spent Material 11
- Reclamation - Spent Material 12
- Reclamation - Spent Material 14
- Reclamation - Spent Material 18
- Reclamation - Spent Material 21
- Reclamation - Spent Material 22
- Reclamation - Spent Material 24
- Reclamation - Spent Material 25
- Reclamation - Spent Material 26

Residues, Heavy
- Energy Recovery - By-Product 3
- Energy Recovery - Mixed Material 1
- Energy Recovery - Spent Material 3

Residue from Reclamation
- Energy Recovery - Spent Material 1

Resin
- Other - Non-Secondary Material 9
- Other - Non-Secondary Material 12
- Reclamation - Sludge 3
- Reclamation - Sludge 4
- Reclamation - Spent Material 4
- Reclamation - Spent Material 15
- Reclamation - Spent Material 16
- Reclamation - Spent Material 17

306< 3-30
Reverse Osmosis System
   Other - Non-Secondary Material 14
   Reclamation - Spent Material 23

Rhodium
   Reclamation - Sludge 2

Rinsewaters
   Other - Non-Secondary Material 14
   Reclamation - Spent Material 23

Rinsing Operations
   Other - Non-Secondary Material 8
   Reclamation - Spent Material 19
   Reclamation - Spent Material 20

Roasting
   Reclamation - By-Product 6
   Use/Reuse - Sludge 4

Ruthenium
   Reclamation - Sludge 2

Scouring Operations
   Reclamation - Spent Material 21

Scrap Metal
   Reclamation - Scrap Metal 1
   Reclamation - Scrap Metal 2
   Reclamation - Scrap Metal 3

Secondary Smelting
   Other - Non-Hazardous Secondary Material 5
   Other - Non-Hazardous Secondary Material 8
   Reclamation - By-Product 1
   Reclamation - By-Product 5
   Reclamation - By-Product 10
   Reclamation - Scrap Metal 1
   Reclamation - Scrap Metal 2
   Reclamation - Scrap Metal 3
   Reclamation - Sludge 7
   Reclamation - Sludge 8
   Reclamation - Sludge 10
   Reclamation - Spent Material 1
   Reclamation - Spent Material 2
Secondary Smelting, continued
   Reclamation - Spent Material 25
   Use Constituting Disposal - By-Product 1
   Use Constituting Disposal - By-Product 2
   Use Constituting Disposal - By-Product 3

Segregation
   Other - Non-Secondary Material 3

Separation
   Reclamation - By-Product 1

Sham Recycling
   Other - Spent Material 4

Shredder Rejects
   Reclamation - Scrap Metal 1
   Reclamation - Scrap Metal 3

Silver
   Reclamation - Sludge 2

Sintering Plant
   Use/Reuse - Sludge 6

Sludge
   (See Listed Sludge or Characteristic Sludge)

Smelting
   (See Primary Smelting or Secondary Smelting)

Sodium Hydroxide
   Other - Non-Secondary Material 9
   Other - Non-Secondary Material 12
   Reclamation - Sludge 3
   Reclamation - Spent Material 4

Solder Drosses
   Reclamation - By-Product 10

308< 3-32
Solvents

Energy Recovery - By-Product 3
Energy Recovery - Mixed Material 1
Energy Recovery - Spent Material 2
Energy Recovery - Spent Material 3
Other - Non-Hazardous Secondary Material 6
Other - Non-Hazardous Secondary Material 7
Other - Non-Secondary Material 4
Other - Non-Secondary Material 13
Reclamtion - Spent Material 5
Reclamtion - Spent Material 9
Reclamtion - Spent Material 10
Reclamtion - Spent Material 18
Reclamtion - Spent Material 21
Use Constituting Disposal - By-Product 4
Use/Reuse - Spent Material 8

Solvent Extraction
Reclamtion - By-Product 7

Spent Activated Carbon
Reclamtion - Sludge 1

Spent Carbon
Other - Non-Hazardous Secondary Material 1
Reclamtion - Sludge 6
Reclamtion - Spent Material 12

Spent Electrolyte
Use/Reuse - Spent Material 3

Spent Lead-Acid Batteries
Reclamtion - Spent Material 1
Reclamtion - Spent Material 2
Use Constituting Disposal - Non-Hazardous Secondary Material 1
Use Constituting Disposal - Spent Material 2

Spent Material
(See Listed Spent Material or Characteristic Spent Material)

Steam Stripper Condensate
Reclamtion - By-Product 7

3-33
309<
Steel
  Energy Recovery - By-Product 1
  Energy Recovery - By-Product 2
  Reclamation - Spent Material 14
  Use/Reuse - Sludge 6

Steel Pickling
  Use/Reuse - Spent Material 8

Steel Production
  Use/Reuse - Sludge 8

Still Bottoms
  Reclamation - By-Product 3
  Reclamation - By-Product 4

String Trimmer Assembly
  Reclamation - Spent Material 27

Substantially Complete Reclamation
  Other - Non-Secondary Material 15
  Reclamation - Spent Material 24

Substitute for Commercial Product
  Use/Reuse - By-Product 1
  Use/Reuse - Sludge 3
  Use/Reuse - Sludge 8
  Use/Reuse - Spent Material 1
  Use/Reuse - Spent Material 2
  Use/Reuse - Spent Material 8

Substitute for Raw Material
  Energy Recovery - By-Product 1
  Energy Recovery - By-Product 2

Substrate
  Other - Non-Hazardous Secondary Material 8
  Reclamation - Spent Material 25

Sulfite
  Reclamation - By-Product 11
  Use/Reuse - Spent Material 1

Sulfur Dioxide
  Other - Spent Material 3

310<
Sulfuric Acid
  Other - Non-Hazardous Secondary Material 8
  Other - Spent Material 1
  Other - Spent Material 3
  Other - Spent Material 4
  Reclamation - Spent Material 15
  Reclamation - Spent Material 16
  Reclamation - Spent Material 17
  Reclamation - Spent Material 25
  Use Constituting Disposal - Non-Hazardous Secondary Material 1
  Use Constituting Disposal - Spent Material 2
  Use/Reuse - Sludge 1
  Use/Reuse - Spent Material 7

Surface Finishing
  Other - Non-Hazardous Secondary Material 8
  Reclamation - Spent Material 25

Synthetic Rubber
  Other - Non-Secondary Material 11

TNT Production
  Use/Reuse - Spent Material 1

Tank House
  Use/Reuse - Sludge 4

Tetrachloroethylene
  Use/Reuse - By-Product 2

Thinner
  Other - Non-Secondary Material 3

Thinner, Adhesive
  Reclamation - Spent Material 27

Tin
  Other - Non-Secondary Material 18

Toluene
  Other - Non-Secondary Material 3
  Reclamation - Spent Material 5

Torpedo
  Other - Non-Secondary Material 1
Treatment
Other - Non-Secondary Material 9
Other - Non-Secondary Material 12
Reclamation - Sludge 3
Reclamation - Spent Material 4

Trivalent Chromium
Other - Non-Hazardous Secondary Material 8
Reclamation - Spent Material 25

Unreacted Raw Material
Other - Non-Secondary Material 1

Unused Propulsion Fuel
Other - Non-Secondary Material 1

Used Batteries
Reclamation - Spent Material 3

Vanadium
Reclamation - By-Product 11
Reclamation - Spent Material 8

Vanadium Trichloride
Reclamation - Spent Material 8

Veterinary Pharmaceuticals
Reclamation - Spent Material 12

Volatile Materials
Other - Non-Secondary Material 2
Other - Non-Secondary Material 5
Reclamation - By-Product 2

Washing
Other - Non-Secondary Material 11

Waste-Derived Fuel
Energy Recovery - Mixed Material 1

Wastewater
Reclamation - Sludge 6

312<
Wastewater Conditioner
  Other - Spent Material 4
  Use/Reuse - By-Product 1
  Use/Reuse - Spent Material 2

Wastewater Treatment
  Reclamation - Sludge 6
  Reclamation - Sludge 9

Wastewater Treatment Sludge
  Reclamation - Sludge 2
  Reclamation - Sludge 6
  Reclamation - Sludge 9
  Use Constituting Disposal - Sludge 6

Water Elutriator System
  Reclamation - Scrap Metal 1
  Reclamation - Scrap Metal 3

Water Fluoridating Agent
  Use/Reuse - Sludge 3

Wet Process Phosphoric Acid Production
  Use/Reuse - Spent Material 5

Wool Industry
  Reclamation - Spent Material 21

Ziegler Natta Polymerization Catalyst
  Reclamation - Spent Material 8

Zinc
  Other - Non-Hazardous Secondary Material 3
  Other - Non-Hazardous Secondary Material 4
  Other - Non-Secondary Material 7
  Other - Non-Secondary Material 14
  Reclamation - By-Product 1
  Reclamation - By-Product 11
  Reclamation - Sludge 5
  Reclamation - Sludge 7
  Reclamation - Sludge 8
  Reclamation - Sludge 10
  Reclamation - Sludge 11
  Reclamation - Spent Material 13
  Reclamation - Spent Material 23
  Use Constituting Disposal - Sludge 6
Zinc, continued
Use Constituting Disposal - Spent Material 1
Use/Reuse - Sludge 2

Zinc Electroplating
Other - Non-Secondary Material 14
Reclamation - Spent Material 23