

APPENDIX I.M - Storm Water Discharges Associated with Industrial Activity from Automobile Salvage Yards

A. Coverage of This Section.

1. Discharges Covered Under This Section. The requirements listed under this Part shall apply to storm water discharges from the following activities:

Table I.M.1 – Sector M: Automobile Salvage Yards

SIC Code	Activity Represented
5015	Automobile Salvage Yards

2. Sector Specific Limitations on Coverage. There are no additional limitations on coverage other than those listed in *Part I.C.*
3. Sector Specific Prohibition of Non-Stormwater Discharges. There are no additional prohibited non-stormwater discharges beyond those in *Part I.D* of this permit.

B. Sector Specific Control Measures and Effluent Limits.

In addition to the control measures and effluent limits in *Part III*, the permittee shall implement the following to minimize pollutant discharges, as applicable:

1. Spill Prevention and Response Procedures. The following spill prevention and response procedures for the facility shall be implemented, as applicable:
 - a. All vehicles that are intended to be dismantled must be properly drained of all fluids upon arrival at the site, or as soon as practicable thereafter, or other equivalent means must be employed to prevent leaks or spills.
2. Management of Stormwater Runoff. The permittee shall implement control measures, such as the following, as appropriate, to minimize discharges of pollutants in stormwater, to include:
 - a. Vegetative swales and other vegetative filtration practices;
 - b. Berms or drainage ditches on the property line to help prevent run-on from neighboring properties;
 - c. Berms for uncovered outdoor storage of oily parts, engine blocks, and above-ground liquid storage;
 - d. Installation of detention ponds; and
 - e. Installation of filtering devices and oil and water separators.
3. Employee Training. Employee training shall include the following areas, at a minimum, as topics for applicable personnel:
 - a. Proper handling (collection, storage, and disposal) of oil, used mineral spirits, anti-freeze, mercury switches, and solvents; and
 - b. Used battery management.

C. Sector Specific Inspection Requirements.

In addition to the inspection requirements in *Part IV.A*, the permittee shall also inspect the following, if they are located at the facility:

1. Automobile Salvage Equipment. All equipment containing oily parts, hydraulic fluids, any other types of fluids, or mercury switches shall be inspected for signs of leakage; and
2. Storage of Fluids. All vessels and areas where hazardous materials and general automotive fluids are stored, including, but not limited to, mercury switches, brake fluid, transmission fluid, radiator water, and antifreeze shall be inspected for signs of leakage.

D. Sector Specific Plan Requirements.

1. Site Map. In addition to the requirements in *Part VII.D.3*, the site map shall also include the location of the following, if applicable:
 - a. Locations used for dismantling, storing, and maintaining used motor vehicle parts;
 - b. If exposed to precipitation or stormwater, the location of the following:
 - 1) Dismantling areas;
 - 2) Parts (i.e. engine blocks, tires, hub caps, batteries, hoods, mufflers) storage areas; and
 - 3) Liquid storage tanks and drums used for fuel and other fluids.
2. Summary of Potential Pollutant Sources. In addition to the requirements in *Part VII.D.4*, the Plan summary of potential pollutant sources inventory shall also include the following, as applicable:
 - a. Vehicle storage areas;
 - b. Dismantling areas;
 - c. Parts (i.e., engine blocks, tires, hub caps, batteries, hoods, mufflers) storage areas; and
 - d. Fueling stations.

E. Monitoring Requirements.

1. Analytical Benchmark Monitoring. The following analytical benchmark monitoring parameters shall apply specifically to sector M facilities. Parameters found in this Part apply to both primary industrial activities and any co-located industrial activities. The facility may be subject to the requirements of more than one of the following:

Table I.M.2 – Analytical Benchmark Monitoring Parameters for Automobile Salvage Yards (SIC 5015)

Parameter	Benchmark Monitoring Concentration
Total Suspended Solids ¹	100 mg/L
Total Recoverable Aluminum	1.1 mg/L
Total Recoverable Lead (freshwater)	Hardness Dependent ²
Total Recoverable Lead (saltwater) ³	0.210 mg/L

¹. Sampling for total suspended solids is not required for stormwater discharges that are infiltrating to groundwater.
². The freshwater analytical benchmark monitoring values of some metals are dependent on water hardness. For these parameters, permittees must determine the hardness of the receiving water to identify the applicable ‘hardness range’

for determining the analytical benchmark monitoring value applicable to the facility. Hardness dependent analytical benchmark monitoring shall follow the table below:

Freshwater Hardness Range	Lead (mg/L)
0.00 – 24.99 mg/L	0.014
25 – 24.99 mg/L	0.024
50 – 74.99 mg/L	0.045
75 – 99.99 mg/L	0.069
100 – 124.99 mg/L	0.095
125 – 149.99 mg/L	0.123
150 – 174.99 mg/L	0.152
175 – 199.99 mg/L	0.182
200 – 224.99 mg/L	0.213
225 – 249.99 mg/L	0.246
250+ mg/L	0.262

If hardness cannot be determined (groundwater or inaccessible waterbodies), use the most conservative values (0-24.99 mg/L range).

- ^{3.} Saltwater benchmark values apply to stormwater discharges into saline waters where indicated.

2. **Numeric Effluent Limitation Monitoring.** There are no numeric effluent limitation parameters for Sector M facilities in this permit. Any additional monitoring and reporting requirements shall be based on the nature of activities at the facility and the facility stormwater discharges, in accordance with *Part V.D.2.*