



NPDES Stormwater Multi Sector Generic Permit Guidance Sector G: Metal Mining Facilities (Ore Mining and Dressing)

This document was published as a guide only and it does not include all the applicable legal requirements. Facility Operators are responsible for obtaining complete information about applicable regulations. The Department does not relieve any person from any requirements of federal regulations or Florida law though this guide. As this document is only a guide, facilities may find that some aspects contained in this publication may not be applicable in their case.

Sector G –Metal Mining Facilities (Ore Mining and Dressing)

of the Multi-Sector Generic Permit (MSGP) covers storm water discharges associated with facilities engaged in mining, developing mines, or exploring for metallic minerals (ores). This group also includes all ore dressing and beneficiating operations, whether performed at mills operated in conjunction with the mines served or at mills, such as custom mills, operated separately.

(Primary Standard Industrial Classification (SIC) Major Group 10).

Regulated Activities:

Standard Industrial Classification (SIC) Codes:

- 1011 Iron Ores
- 1021 Copper Ores
- 1031 Lead and Zinc Ores
- 1041 Gold Ores
- 1044 Silver Ores
- 1061 Ferroalloy Ores, Except Vanadium
- 1094 Uranium-Radium-Vanadium Ores
- 1099 Miscellaneous Metal Ores, Not Elsewhere Classified

Common Activities at

Metal Mining Facilities (not limited to):

Crushing, Grinding, Separation by gravity concentration
Magnetic separation, Electrostatic separation, Flotation,
Leaching

Recommended BMPs (not limited to):

Stormwater treatment BMPs are intended to prevent or minimize the contamination of runoff, or treat runoff contaminated with pollutants.

- Install discharge diversions (e.g. dikes, curbs, and berms), conveyance systems (e.g. channels, gutters, culverts, rolling dips and road sloping, and/or roadway water deflectors), gabions, riprap, native rock retaining walls, straw bale barriers, sediment traps/catch basins, and vegetated buffer strips for sediment control and collection.
- Frequently inspect all stabilization and structural erosion control measures and perform all necessary maintenance and repairs.
- Overburden, topsoil, waste rock, raw material, or intermediate and final product stockpiles should be located away from surface waters and other sources of run-on, as well as geologically unstable areas.
- Recontouring and vegetation should be performed to stabilize soils and prevent erosion in mined out portions or inactive areas of the site as active mining moves to new areas (includes topsoiling, seedbed preparation, seeding, and willow cutting establishment).
- Keep as much vegetation as possible when excavating or building roads and seed as necessary to minimize the amount of exposed soils.
- Train employees on proper waste control and disposal procedures.

Industrial facilities which have the potential to discharge stormwater to surface waters of the State or into a municipal separate storm sewer system (MS4) and fall under any one of the 11 categories of industrial activities identified in 40 CFR 122.26(b)(14), may require coverage under the Multi-Sector Generic Permit. To submit a Notice of Intent (NOI) for coverage, request a permit determination or to obtain a copy of [the MSGP Sector G Specific Language](#) in its entirety, please contact the NPDES Stormwater Notices Center at: 866-336-6312 (toll-free) or by email at NPDES-stormwater@floridadep.gov

NPDES Stormwater Notices Center

2600 Blair Stone Road, MS #3585

Tallahassee, FL 32399-2400

<https://floridadep.gov/water/stormwater>



Discharge Monitoring Reports

2600 Blair Stone Road, MS #2511

Tallahassee, FL 32399-2400

<http://prodenv.dep.state.fl.us/DepEzDMR>