A-21: Manufacturing and Post-Processing of Metal Products

Stormwater runoff (rainwater and snow melt) is the largest source of pollution to our lakes, streams and Puget Sound. King County requires businesses to implement measures to protect our shared waters. If the requirements below do not prevent pollution, additional measures are necessary.

The following best management practices (BMPs) apply to mills, foundries, and fabricators that manufacture and/or post-process metal products at stationary sites. Painting, finishing, and coating of metal products are covered under activity sheet A-22: Painting, Finishing and Coating of Vehicles, Products and Equipment.

Required BMPs

- Keep metal fragments and debris (e.g., grindings, cuttings, dust, shavings) from coming into contact with stormwater. Cover the work area or perform the work indoors.
- Discharge process wastewater to a sanitary sewer, holding tank, or process treatment system. Do not discharge to the stormwater drainage system.
- Cover galvanized metal product storage and processing areas; or capture, treat, and properly dispose of stormwater coming into contact.

Required Routine Maintenance BMPs

- Sweep the work and pouring area at least daily to collect metal fragments and debris and prevent stormwater contamination. Do not hose down the area to the stormwater drainage system.

Supplemental BMPs

- Install catch basin inserts to collect excess sediment and debris, if necessary. Inspect and maintain catch basin inserts regularly to ensure they are working correctly.
- Install collection system to capture fragments and debris.

Additional Information

- Potential pollutants can include: hydrocarbons—such as gasoline and diesel, metals, oil and grease, oxygen demanding substances, pH, sediment, and other pollutants.
- *Stormwater Pollution Prevention Manual*, Chapter 3: Commercial and Multifamily BMPs
    - A-9: Storage of Scrap and Recycling Materials (Including Auto Recycling Facilities)
    - A-22: Painting, Finishing and Coating of Vehicles, Products and Equipment
- *Stormwater Pollution Prevention Manual*, Chapter 5: Information Sheets
    - Catch Basin Insert
    - Covering
    - Disposal

For more information or assistance contact the King County Stormwater Services at 206–477–4811 and visit kingcounty.gov/stormwater.