

# Industrial Wastewater: Treatment of Pipe Flushing Water Best Management Practices

Department: Environmental Protection

Program: Industrial Wastewater

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Authority: ES&H Manual, Chapter 43, Industrial Wastewater

Industrial wastewater best management practices (BMPs) are guidelines that minimize the impact of activities that potentially contribute contaminants to the sanitary sewer. Most of these guidelines reflect practices already implemented at SLAC as prudent practices or as ES&H requirements.

The following BMP applies to pipe flushing of all metal pipes.

- Water generated from the flushing of metal pipes may contain elevated levels of metals such as copper. When possible, water from pipe flushing of metal pipes should be treated at the Metal Finishing Pretreatment Facility (MFPPF) to reduce the metal concentrations before release to the sanitary sewer.

These are the steps for requesting MFPPF treatment:

1. The department performing the flushing will contact the MFPPF to determine if and when MFPPF can accept and treat the water.
2. The department performing the flushing will make arrangements to containerize the pipe flushing water in drums or tanks and transport these containers to the MFPPF. Drums or small tanks may be obtained from the Waste Management Group.
3. MFPPF will treat the water to remove metals before discharge to the sanitary sewer.