



**CITY OF SPOKANE
DEPARTMENT OF WASTEWATER MANAGEMENT
INDUSTRIAL PRETREATMENT PROGRAM**



BEST MANAGEMENT PRACTICES (BMPs) FOR PRINTERS

The City of Spokane Riverside Park Water Reclamation Facility (RPWRF) collects and treats sewage from domestic and industrial sources. Certain industries have the potential to discharge hazardous chemicals and other materials that can have a negative impact on our treatment plant and the Spokane River.

WHAT ARE BMPs?

BMPs are activities and procedures that your business performs to prevent negative impacts at the City of Spokane RPWRF. The BMPs include:

New and Waste Materials

- Know which of your wastes are hazardous. Typical hazardous wastes generated by printers include press/screen cleaning solution, waste inks, untreated fixer, coatings or adhesives, parts cleaning solvents and waste oil.
- Purchase reusable or recyclable oils, solvents and inks wherever possible.
- Post signs above all sinks prohibiting the discharge of solvents and wastes.
- Select and use blanket washes with the least amount of hazardous material.
- Consider installing automatic blanket washers to reduce the amount of solvent used.
- Use spot application of solvents for stubborn ink residues rather than over application of solvent to an entire area.
- Develop ways to reuse spent solvent for gross cleaning.
- Use pumps on solvent containers with a proper fit to minimize spills and evaporation.
- Purchase solvents from a company that will pick up and recycle the spent solvent.
- Never discharge waste inks containing hazardous materials to the sanitary sewer.
- Use water-based rather than solvent-based adhesives.
- Use bindery adhesives containing no more than 10% of a single chlorinated solvent.
- When possible, use mechanical binding methods to reduce the need for adhesives and glues.

*****More information on the reverse*****

Equipment

- Inspect for leaks weekly and repair them immediately.
- Implement a regular, systematic maintenance and inspection program.
- Routinely check all dampening rollers and systems; remove and replace bad rollers as needed.
- Keep presses lubricated on a daily, weekly, or monthly basis, as required by the manufacturer.
- Clean presses on an as needed basis to minimize cleaner consumption.
- Scrape excess ink from surfaces or equipment before wiping with a shop rag.

Spill containment

- Install secondary containment and spill containment for all liquid materials and wastes.
- Spill containment should be able to hold 110% of the largest possible spill.
- Develop and implement written spill response procedures.
- Keep adequate spill prevention and clean-up materials on-site and available for use.
- Keep solvent-containing waste in areas that are isolated from floor drains.
- Keep containers closed except when adding or removing materials.
- Train employees in the safe and proper way to respond to spills.
- Immediately clean up any spills and replace any leaking containers.

If you have any questions about how to handle your wastewater, please contact us for guidance:

City of Spokane Riverside Park Water Reclamation Facility (509) 625-4600

IMPORTANT CONTACT INFORMATION

Hazardous waste handling contact: Department of Ecology **(509) 329-3400**

Hazardous spills contact: Spokane Fire Department **9-1-1**

Large volumes of spills that are not hazardous to human health and the environment contact:

Sewer Maintenance **(509) 625-7900**

RPWRF **(509) 625-4600 (days)** or **(509) 625-4610 (after hours)**

Proper disposal of materials and recycling contact:

City of Spokane Solid Waste Department **(509) 625-7878**