

BEST MANAGEMENT PRACTICES (BMPs) for the: Colored Wastewater Generator Sector

The Following BMPs apply to all wastewater discharges and waste streams from the **Colored Wastewater Generator Sector** to the sanitary sewer.

Within **60 days**, color wastewater generator sector facilities shall implement BMPs according to the requirements contained below. The color sector encompasses Printers, Paper & Cardboard manufactures, Paint, Ink, Dye and Colored Powder Users & Manufactures, Chemical and Cleaning Supply Manufactures and similar processes that generate colored wastewater or waste streams.

The Discharger shall implement BMPs through structural controls, facility processes, administrative controls, and operating and housekeeping practices to eliminate potential to violate Metro Water Recovery Rules and Regulations.

All required BMPs are listed below in bold font. All recommended BMPs are in italics font.

1. Physical structures/engineering controls
 - a. **Store all chemicals, solvents, colored materials, cleaning products, and waste materials away from a floor drain that discharges to the sanitary sewer system or provide secondary containment.**
 - b. **Install and maintain screens with openings no greater than 1/2 inch on all floor drains and sinks.**
2. Housekeeping
 - a. **Dispose or recycle all solids collected in screens.**
 - b. **Post Prohibited Discharge signage.**
 - c. *Establish and follow a written procedure for wiping and dry cleaning (no use of water or wastewater discharged to the sanitary sewer) for components that come in contact with colored and cleaning materials - using towels, rags, and cleaning products.*
 - d. *Clean and maintain screening devices on a scheduled routine to avoid back-ups.*
3. SOPs/Admin Controls
 - a. **Establish and implement written procedures and/or processes for eliminating concentrated dye or other highly colored discharges to the sanitary sewer.**
 - i. **At a minimum the procedures should include a list of all chemicals used at the facility and how each chemical is stored/managed.**
 - ii. **Maintain a training log of the above procedure for all staff.**
 - iii. **All chemicals and process wastes must either be placed on secondary containment or moved away from floor drains to prevent a spill or a slug discharge into the drain.**
 - b. **Establish and implement procedures and/or processes for managing waste streams generated from all colored wastewater processes to reduce potential to violate Metro Water Recovery Rules and Regulations.**

- i. At a minimum the procedures should include, a list of all waste streams generated at the facility and how each waste stream is managed.**
- ii. Maintain a training log of the above procedure for all staff.**
- iii. Reduce or eliminate, through treatment or other means, any wash, rinse water, or other prohibited discharge used to clean components that come in contact with colored materials and may end up in the sanitary sewer.*
- iv. Develop written procedure and/or process for cleaning (no use of water or wastewater discharge to the sanitary sewer) components that come in contact with colored and cleaning materials - using towels, rags, and cleaning products.*
- v. Incorporate proper waste management of the waste/used materials.*
- c. Develop a spill response plan to prevent accidental and slug load discharges of concentrated wastewater, waste streams, materials, or chemicals.**
 - i. Train employees to follow the spill plan and maintain a training log for all staff.*
 - ii. The plan should at a minimum, describe where chemicals are stored, how liquids are stored and handled to prevent and isolate spills, and transfer protocols.*
 - iii. Post the spill plan and the contact information for spill notification in a prominent place.*

BMP Alternative Requirements:

If site conditions render the BMP unnecessary or infeasible, the Discharger must submit, in writing, rationale for the omission of a BMP or submit a request for an alternative BMP. Metro Water Recovery will review the request and evaluate the alternative BMP. The BMP must effectively meet the intent and requirements of this Sector Control Program. Metro Water Recovery will determine if the request is approved.

Certification Statement:

The Certification Statement below must be completed and returned to Metro Water Recovery within **60 days of the date of the cover letter or General Permit Issuance Date**:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage compliance with implementation of BMPs to prevent the discharge of concentrated ink, no concentrated ink has been discharge to the sanitary sewer. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for known violations."

Metro Water Recovery Rules and Regulations are available online at:
https://www.metrowaterrecovery.com/wp-content/uploads/2021/09/Rules_and_Regulations.pdf

Facility Name: _____

Located at: _____

Signature of Responsible Official: _____

Date: _____