

SILVER RECOVERY/DISPOSAL CERTIFICATION

Industrial Wastewater Control Program
(858) 654-4100

Applicability: These instructions apply to any facility generating at least one-half gallon per day of silver rich solutions. For those industries whose Industrial User Discharge Permit Attachment B, Self Monitoring and Reporting Requirements, includes "Certify silver BMP implemented", the following statement must be signed as required in the permit under STANDARD CONDITIONS, Signatory Requirements.

Recovery/Disposal

Waste fixer, bleach-fix, and stabilizer solutions, as well as low replenished (low flow) washes following fix or bleach-fix solutions, must be 1) pretreated to recover silver before being discharged to the sewer, or 2) lawfully hauled off-site for treatment and disposal. Based on the volume per day of silver-rich solution generated by each piece of equipment, recovery technology equivalent to or exceeding that specified in the silver Best Management Practice (BMP) must be provided for on-site treatment.

Operation and Maintenance (O&M)

O&M must ensure that the silver recovery equipment provides the percent recovery for which it was designed. For each silver recovery system, proper O&M is demonstrated by either 1) testing the silver concentration in the recovery system effluent at least quarterly, or 2) having the system serviced by a contract maintenance service at least quarterly. Necessary remedial measures must be implemented immediately.

Record-Keeping Requirements

Unless the silver recovery system is serviced by a contract maintenance service, a log documenting the flow through the system and test results must be maintained. For facilities using more than one silver recovery system, a list detailing each system's location and the processors it serves must also be maintained.

Silver Certification: In lieu of monitoring this wastestream for silver, the following statement must be certified and signed by an authorized representative of the industry and submitted with each self-monitoring report form:

“Based on my management of photosensitive materials processing at the permitted facility, or my inquiry of the persons so managing, I certify that to the best of my knowledge and belief, all silver wastes generated at my facility during the monitoring period covered by this report have been handled and disposed of in accordance with the BMP requirements for silver-rich solutions. I am aware of the potential for significant penalties for submission of false information, including the possibility of fines and imprisonment for knowing violations. I will retain copies of all 1) receipts or contracts for service of silver recovery equipment, 2) receipts for recovered silver, and 3) manifests for off-site solution disposal, for no less than 3 years and make them available to IWCP personnel upon request.”

PMT-
Permit Number

ISF-
ISMF Number

Print Name

Title

Signature
(Attach to Industry Self-Monitoring Form)

Date