

REGIONAL WATER QUALITY CONTROL PLANT

**SILVER REDUCTION ORDINANCE TREATMENT COMPLIANCE
PLAN AND PERMIT APPLICATION**

Facility Name: _____

Address: _____

Contact Name: _____

Phone Number: _____

Type of Business:
(circle one)

Commercial Photoprocessing
Professional Photography
Printing

Medical Practice
Dental Practice
Graphic Arts

Type of Processing:
(circle)

Color film and paper
B&W film and paper
Movie film
Slide film
Microfilm
Other: _____

Dental X-ray
Medical X-ray
Non-Destructive Testing
X-ray
Research radiography

VOLUME OF SPENT SOLUTIONS* GENERATED PER MONTH

Spent Solution	Gallons/mo**	pH
Fix		
Bleach Fix		
Stabilizer (washless systems)		
Other:		
TOTAL		

* Spent solutions are defined as fix, bleach-fix, stabilizers from washless systems, and functionally similar solutions other than washwater. "Functionally similar solutions" include any solutions which contain a high concentration of silver. This category may include chemistry used in specialty processes to remove silver from film or paper, or as a washing solutions to rinse off fix or bleach-fix.

** Volume should be calculated as a monthly average over a year's time. Estimate the total volume of waste generated in the past year and divide by 12 to give a monthly average.

RECOVERY SYSTEM DESCRIPTION

Planned date of system start-up: _____

Company which will install system: _____

Treatment Capacity:

_____ gallons/day – spent solutions.

_____ gallons/day – washwater

Anticipated silver discharge concentration: _____ mg/l (ppm)

Type of Recovery:	Electrolytic	Metallic Replacement
(circle as appropriate)	Resin Column	Precipitation
	Distillation	Other: _____

WATER CONSERVATION PRACTICE

1. Does your facility meet RWQCP water conservation criteria?
(circle one) YES NO

To meet RWQCP conservation criteria your facility must meet one or both of the following to be verified by inspection: (circle as appropriate).

- a) The facility uses only “washless” or “plumbless” processors which do not discharge water directly to the sanitary sewer.
- b) The facility recycles washwater resulting in water consumption more than 60 percent below the minimum recommended wash rate for the processes used.

System Manufacturer: _____

Model: _____

Treatment Capacity: _____ gallons/min.

Volume of make-up water necessary for operation: _____ gallons/min.

Describe System Operation: _____

PROCESSOR DESCRIPTIONS

Enter the information requested for all processors currently in operation at your facility. Include The estimated monthly volume of spent chemistry generated by each processor. Attach additional sheets if necessary.

MANUFACTURER	MODEL	CHEMISTRY (c41, RA100)	Spent Solutions Vol. Per Month
1.			
2.			
3.			
4.			
5.			

RECOVERY EQUIPMENT DESCRIPTIONS

List all of the recovery/recirculation equipment which will be used at your facility to meet the discharge limits and requirements described in the Photographic Materials Processing Ordinance.

MANUFACTURER	MODEL	CAPACITY (per day)
A.		
B.		
C.		
D.		
E.		

SYSTEM DIAGRAM

Draw all processors, recovery system components, and water recirculating equipment: show all connections between system components, city water supply, city sanitary sewer and the proposed sampling location(s). Also, show flow direction and volume in gallons per month. If your facility has several distinct processing/recovery systems which operate independently, please use additional sheets of paper. Use the component numbers and letters from the previous page to identify equipment.

I have personally examined and am familiar with the information submitted in this plan, and I hereby certify that this information was obtained in accordance with applicable requirements. Moreover, based upon my inquiry of those individuals immediately responsible for obtaining the information reported herein, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Name, title or responsible person (print)

Signature

Date