

| CMP Recommends | Metafix Responds |
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| Use performance-based limits | ? |
| Calculate the size of your operation using complicated formulas and worksheets | MetaTrax will tell you exactly how much effluent you produce so you know what category you fall into, with very little effort from you |
| Silver recovery percentages: Small photo processor = 90% Medium photo processor = 95% Large photo processor = 99% Significant industrial user = municipally regulated | Metafix equipment will recover 99% of silver, regardless of the amount of effluent passed |
| Two chemical recovery cartridges (CRCs), or one CRC for very small labs | With the MiX eXchangers filled with MetaWool , we only need one CRC for any type of installation |
| Weekly analysis with silver test papers | ? |
| Yearly atomic absorption (AA) test (small labs) AA test every 3 months (large labs) | We perform AA tests every time a column is returned |
| Track your pollution prevention (P2) results by keeping records and routinely inspecting your lab | MetaTrax keeps detailed record in its database, managers can compare results from one site to another |
| Preventative maintenance | ? |
| Monitor process control, including replenishment rates | MetaTrax tracks replenishment rates ***Qualex*** |
| Implement a good spill response plan | Our machines are equipped with alarms, procedural documentation (poster), spill trays and a puck that will shut the machine down when a spill occurs |
| Practice good housekeeping | Our Waste Transfer Unit (WTU) keeps waste effluent in one neat container, with no pouring required |
| Check all chemical containers for cracks and leaks | As part of MetaTrax, containers are checked on a weekly basis |
| Make sure all floors are free of chemical spills and residue | The WTU keeps chemicals contained and since no pouring is involved, risk of spills is reduced |
| Make sure there is a security system for off hours | 1-888-METAFIX |
| Overflow from low-flow wash tank should be combined with other silver-rich solutions | WTU commingles all effluents |
| Reduce wash water by installing wash water timers | IR system (?) |
| Develop a P2 plan that is easy to implement | MetaTrax makes it simple, we've done the work for you |

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| Review your P2 plan periodically | The MetaTrax reporting system will keep you informed about the efficiency of your system |
| Spread the word about the results of your P2 evaluation | MetaTrax Dolphin Reports let managers see what's going on from site to site |
| Low-silver solutions such as used developer, bleach, stop baths, stabilizers, and wash waters have insufficient silver for cost effective silver recovery | We can recover silver from all of these effluents with significant results |
| Obtain documentation from the silver recovery equipment manufacturer or supplier demonstrating the performance capability of the equipment | MetaTrax provides full performance reports, including a performance Assurance Statement (Dolphin Report) |
| Use two CRCs to obtain 99% silver recovery rates | One MetaWool MiX eXchanger can obtain rates of 99% efficiency on its own |
| Monitor CRCs for flow rate, channeling, obstruction, pH, and cartridge capacity | Every returned MetaWool column is inspected for all of these elements |
| Make sure CRCs are running under the optimal flow rate for optimum efficiency (the lower the flow rate, the better the efficiency) | MetaWool columns can operate at a flow rate of up to 1 liter/min with a 99% silver recovery rate |
| To avoid channeling, prime CRCs with water before using | The composition of the MetaWool in the MiX eXchangers, means no priming is necessary |
| Monitor the system regularly for obstruction. Remove the lines and rinse them with hot water each time the CRCs are replaced. Do this more often if there are several hours each day when no solution is flowing through the CRCs. | Our solution to blocked drains? The Enviro-Jet. This patented technology uses a little water at the right time to keep drains virtually clog-free forever. No hot water required! |
| Keep a weekly silver recovery log. When the weekly check with test papers shows color, you know the CRC has failed and it's time to change it. | MetaTrax keeps these records for you. Your CRC will never fail , because the system will tell us when you need to change it, before it gets above the tolerance level. |