

## **B&M PAINTING CO., INC.**

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## B & M Painting Waste-Stream Diagram Bldg 1 - Main Process (IAW 40 CFR 403.12(b)(3)

## Chrome rinse-waters/flow and disposition

- Only chrome rinses are flowed to the Waste-Water Ion Exchange (WWIX) reservoir
- All other chrome process tanks have no drain and are pumped into shippable waste-water totes when bath is spent
- Chrome rinse-waters are then held in WWIX reservoir until pump flows it through a 2-cylinder bank of WWIX Resin Cylinders for complete chrome removal (less than .008 mg/L)
- Initial flow rate was assigned to facilitate plenty of contact time of rinse-waters flowing through WWIX special resin (2 cylinders)
- Following WWIX flow, at sample point the effluent is tested twice weekly to ensure compliance of NMT 3 ppm going to POTW
- As of 4-4-14, readings for both POTW #1 (main process bldg 1) and POTW #2 (bldg 4) were both less than 1 ppm



