

Typical Plating & Metal Finishing Results Using Electrocoagulation

Date 5/4/2001

Job No 105009

	As received	EC treated	% reduction
Cyanide CN mg/l	1.98	< 0.01	99.5%
Copper Cu mg/l	86.5	0.25	99.7%
Chromium Cr mg	44.5	0.16	99.6%
Nickel Ni mg/l	104.4	0.47	99.5%
Zinc Zn mg/l	15.5	0.73	95.3%

Early EPA Study on EC

“When compared with alum treatment, electrocoagulation provided approximately 83% less sludge volume and a 76% improvement in filtration rate.”

EPA / 540 / S-937504 September 1993 Emerging Technology Summary, Superfund Innovative Technology Evaluation

