

Case Study: AquaPure®

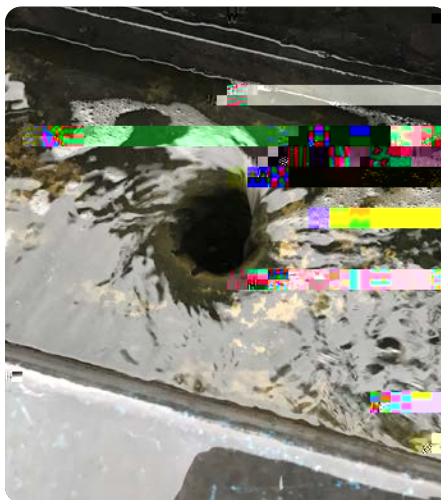
Removing chrome, cutting costs in wastewater treatment nets a hole-in-one

The Challenge

Chromium has many industrial and decorative uses, but in wastewater, it can be a big problem. Failing to meet wastewater requirements can lead to steep fines and facility shutdowns. For Southern Metal Processing (SMP), a recent permit change meant that they were working 24/7 and paying for daily on-site testing in a desperate effort to meet new discharge limits.

"It was the equivalent of asking Tiger Woods to take his game from the 60s to shooting an 18 on 18 holes in just 90 days," says SMP's VP of Operations. "We were not a problem operator; we were solid, but the game was changing."

That's when they sought help from Hubbard-Hall with its issues.



Before and after: SMP wastewater as seen prior to and after treatment with Hubbard-Hall's AquaPure. Hubbard-Hall was able to help SMP reduce chrome to below 1ppm and make copper levels undetectable.



Treating
the Hard to Treat

Executive Summary

Hubbard-Hall was called in to help a company adjust to a new, stricter discharge permit standard.

On site analysis revealed several unseen opportunities

Recommended chemical regimen reduced chrome to below 1ppm

Manufacturer now meets all regulations.

Led to \$500,000 annual savings in operating costs

“Not only did we meet hurdles, but we began performing at a level that let me sleep a lot better at night.”

**Vice President,
Southern Metal**



Cleaning
the Hard to Clean



Finishing
the Hard to Finish

Treating
the Hard to Treat