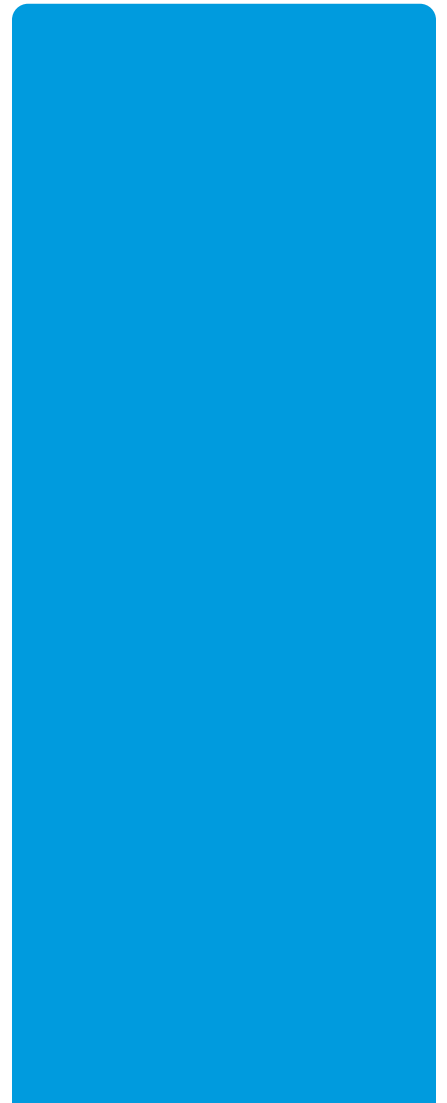




Treating
the Hard to Treat



The Outcome

The start-up of the system was a longer project because the trickling filter had not been in use for many years. Hubbard-Hall's plan was to spend 30 days seeding the system to get healthy biomass on the media in the filter. They utilized Hubbard-Hall's Aquapure Bio 20, which is a broad spectrum of selected and adapted microbial cultures designed to degrade hydrocarbon industrial wastes.

Hubbard-Hall used Aquapure Bio 230, a balanced powdered blend of inorganic salts of nitrogen and phosphorus that act as readily available macronutrients for microbes to create optimal biomass growth conditions and maintain resilient biomass.

The seeding took a total of 50 pounds over the 30 days, and an additional 1 pound of the dry bacteria blend was added per day to continue the health of the biomass.

From April to August, the manufacturer did not see reportable data higher than 2 mg/L, and a cleaner spill in August resulted in higher numbers, but the biomass did not suffer from it. By the following week, the numbers were back below 2 mg/L.

"As we move toward tighter discharge limits, we will see a larger need to engage microbial treatment to meet those effluent requirements."

Robin Deal
Product Manager, AquaPure
Hubbard-Hall



Cleaning
the Hard to Clean



Finishing
the Hard to Finish

Treating
the Hard to Treat