



COORS BREWERY

PROJECT-AT-A-GLANCE

Coors Brewery reduced screen maintenance to virtually zero by replacing a traditional chain-and-sprocket screen with the Duperon® FlexRake® FPFS, eliminating lower sprocket failures and ongoing upkeep.

SITE: Coors Brewery

EQUIPMENT: One (1) Duperon® FlexRake® FPFS

INSTALLED: December 2010

“NO LOWER SPROCKET? NO MORE MAINTENANCE”

The Coors Brewery facility in Golden, Colorado utilizes the Duperon® FlexRake® FPFS to treat the process influent resulting from their brewing operation.

The screen receives a variety of debris from the plant, including grit and gravel, malted grains, and keg lids. Flow, dependent on production, ranges from 2 MGD—9 MGD.

Prior to the installation of the Duperon® FlexRake® FPFS, the plant received influent through a traditional chain-and-sprocket style screen. “It was pretty standard technology for the time—chain-driven, with both upper and lower sprockets to look after,” shared Ted Carr, head of maintenance.

“The sprockets were a problem for us. Debris would get caught in the lower sprocket, causing the whole screen to run off kilter and jam up. That was enough of a problem, but there was a lot of maintenance to go with it. We were replacing the chain and the rakes every year, and we’d have to change the sprockets every three years. To do that, we’d have to close the slide gates, put a pump in, and dewater the channel... we were just dumping a lot of money into the screen, and even with that, it was rusting out from under us.”

In 2010, the team at Coors Brewery made the decision to install the Duperon® FlexRake® FPFS based on its lack of lower sprocket—and its corresponding lack of maintenance.

“We did the work to start it up when it was installed, and that was it. I’m the head of maintenance, and I’ve never had to look at it. I highly recommend this screen,” Carr concluded.

We haven’t touched it since we installed it four years ago!”

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ABOUT DUPERON

Duperon Corporation is the leader in innovative preliminary liquid/solids separation systems. For more than 40 years, Duperon has provided simple yet innovative solutions for a variety of screening and solids handling applications in the water and wastewater industry. Duperon technologies are designed and manufactured in Saginaw, Michigan.

