



Settling Issues Resolved by MOB™ Upgrade at MillerCoors' WWTP

Eden, NC | December 2019

MillerCoors' Vibrant "Changeover" Brewery

MillerCoors is a world-renowned beer brewing company with two hundred years of deep-rooted history across North America. Its brewery in Eden, NC was a versatile, "changeover" brewing facility manufacturing a wide selection of beers for various clients.

Maintaining a changeover brewery wasn't an easy task.

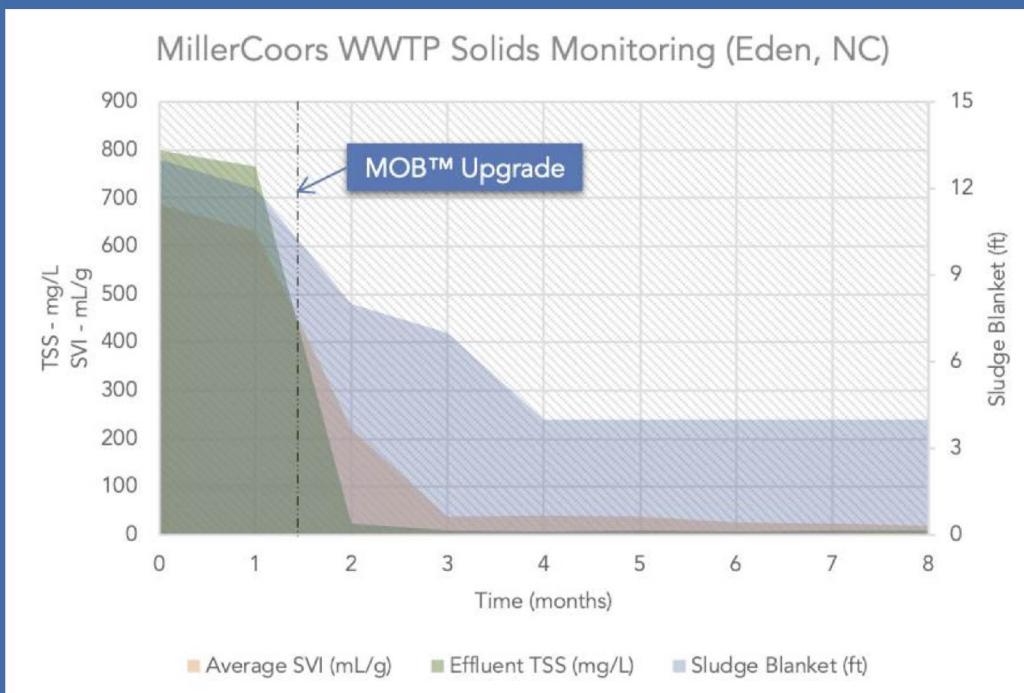
To ensure the integrity of products and minimize cross contamination of recipes and flavors, the brewery had to thoroughly disinfect each production line whenever they brewed a new beer. The high demand and fast turn-over at the brewery made it especially burdensome for their WWTP, as the harsh cleaning chemicals were inhibitory to the biological treatment processes and often caused major upsets resulting in severe settleability issues in the clarifiers.

MOB™'s Makeover of the Changeover



The Nuvoda ballasted media's unique fast-settling properties specifically targets the turbidity and bulking issues commonly found in the clarifiers.

Thanks to a specific gravity of 1.059 and 1mm particle size, Nuvoda's ballasted media behaves like granular sludge with a readily available core for flocculation and the ability to attract loose biomass during settling. This property contributed to the significantly reduced sludge blanket, reduced SVI and reduced effluent TSS immediately after the MOB™ Process upgrade, and mitigated costly re-seeding needs at the MillerCoors WWTP after intense cleaning was used within the brewery.



The quick response and acclimation of MOB™ Process to the existing system is another huge advantage. With little to no downtime at the WWTP, the customers can continue to operate without worrying about redirecting the flow, shutting and rebooting the system, or any hidden cost associated with retrofitting.

The successful integration of MOB™ Process at the MillerCoors WWTP again demonstrated the robustness and flexibility of this award-winning, innovative and sustainable wastewater treatment technology.

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