

ASSOCIATE CASE STUDIES

Wastewater Treatment Plants

Location

Niceville, Florida

Problem

The City of Niceville, FL wastewater treatment plant was originally situated in an unpopulated area outside of town. With rapid population growth, the area quickly became a densely populated site. Even an elementary school was constructed directly next to the treatment plant. Odor complaints steadily increased from those living nearby the treatment plant.

Treatment

An associate environmental servicing agent installed a synchronized misting system at the plant's headwater screening station applying our specialized microbial solutions in order to reduce the noxious gases.

Results

The Treatment Plant. The pungent odor problems were immediately resolved. Misting of the microbial solutions into the screening stations promptly eliminated the malodorous dilemma for the surrounding community.

In addition, the open-air screening station was situated within 30 feet of the plant's office building, and the employees at the treatment facility were especially grateful to no longer be exposed to the toxic fumes. The treatment plant also no longer received odor complaints from nearby residents.

Lift Stations. Niceville is located in a coastal region where the terrain is very flat. Several lift stations were required to maintain a consistent sewage flow to the treatment plant. Many of these lift stations were located within residential sites, where the toxic odorous gases generated chronic complaints.

Synchronized misting systems were installed at these residential lift station sites for applying our microbial solutions. As a consequence, the noxious odor issue no longer posed a complaint problem for these residential neighborhoods.



Elementary school was built immediately next to the treatment plant.



Synchronized misting system was installed at the screening station.



Synchronized misting system was installed at the neighborhood lift station access sites.