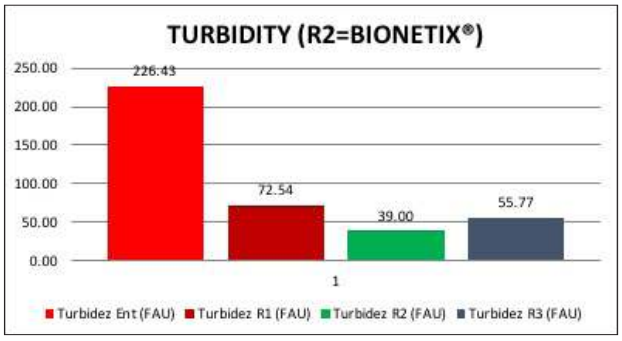
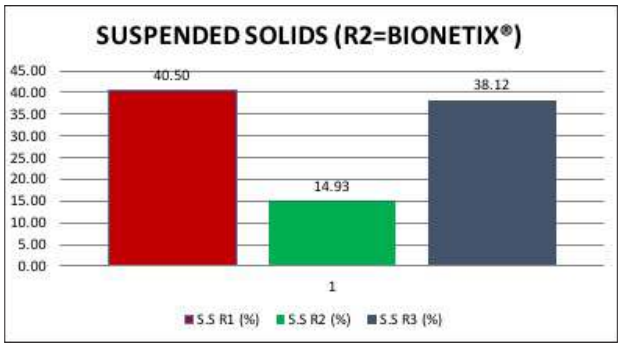
CASE HISTORY

Treating Wastewater at Automotive Plant in Mexico





DATE
February 2017

LOCATION
Mexico

CUSTOMER
Global Automaker

PRODUCT
BCP50™

PROBLEM
An automotive factory in Mexico wanted to use bioaugmentation to help their plant meet COD limits for industrial wastewater discharge.

APPLICATION
A test was conducted to measure the performance of Bionetix® BCP50™ for treatment of wastewater at the factory before discharge into the municipal wastewater treatment plant. Bionetix® BCP50™ was tested against two competitor products over a period of six weeks beginning on February 17th, 2017.

The products were tested in three 60 liter (16 gallon) reactors. Each reactor functioned at exactly the same conditions, with pH ranging from 6.5-7.5. A dose of each product was added on a daily basis. Bionetix® BCP50™ was added at a dose of 5 grams per day.

The three products were evaluated based on resulting turbidity and suspended solids, among other parameters.

CONCLUSION
Bionetix® BCP50™ outperformed the global automaker's standards and was approved for use in all the automaker's factories around the world. In addition, Bionetix® BCP50™ helped maintain an 81% reduction in COD and kept COD levels below the required limits for discharge to the municipal wastewater treatment plant.

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