



## Case Study

### One Tank-Five Chambers-Total Treatment

#### Commercial Application Las Angeles County, CA

Los Angeles County, officially the County of Los Angeles, and sometimes abbreviated as L.A. County, is the most populous county in the United States

##### Site

The Julius Klein Adult Conservation Fire Camp #19 is a Minimum security prison in Azusa, California.

##### Problem

The camp is a mixed use facility that houses inmates and guards. Combined residential waste, commercial kitchen, and office space make this facility a high strength waste (HSW) generating facility. The facility is situated in the San Susanna Canyon with steep slopes San Gabriel River flowing close to the site. Limited space, tough terrain, High Strength Waste (HSW) and Nitrogen played into the issues facing the facility.

##### Solution

The engineer reached out to local MicroSepTec distributor GTS for a solution. MicroSepTec and GTS solved the problem with the EnviroServer CS Series. recommending seven EnviroServer tanks dosed individually to be able to handle the 10,000 Gallons Per Day (GPD) high strength waste (HSW) and denitrification. The EnviroServer CS Series is a small compact commercial moving bed biological reactor (MBBR) unit that is capable of handling the high strength waste (HSW) and denitrification in the small space that was available for the treatment plant. The effluent quality exceeds the acceptable limits required by local code.



MicroSepTec has multiple standard size Commercial Series (CS) units available for quick solutions to small lots with high strength waste, and provides custom designs for larger commercial facilities.