

Interstate 5 Highway Interchange

Firebaugh, California – USA

Client Profile: The Interstate 5 Highway Interchange located in Fresno County (Exit 368) is home to a handful of fast food restaurants, gas stations, and a Best Western hotel located in remote farm fields. After decades of using an old activated sludge system, the area was in need of an upgrade, so the property owners researched several options.



	Influent	Effluent	Removal
Average Biological Oxygen Demand	835 mg/L	34 mg/L	96%
Average Total Suspended Solids	1065 mg/L	37 mg/L	97%

System Design: In 2015, I-5 Property Services Inc. opted to install a pilot BIDA® System in order to test the technology during the holiday season where usage of the interchange peaks due to increased road traffic over Thanksgiving and December holiday vacation. Shortly after the holidays, I-5 Property Services moved to install an 80,000 gallons per day BIDA® System in 2016.

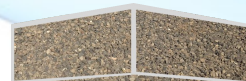


"In our quest to find a solution to improve and expand our effluent water treatment plant at Interstate 5 and Highway 180, which services hotels, gas stations and fast food restaurants, there were several conventional options. BioFiltro offered the most innovative, cost-effective and environmentally superior method with the BIDA® System. We have been delighted with the process and productivity the system provides. Truly the perfect choice."

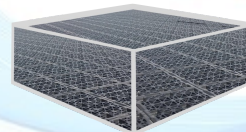
-DARLA HARREL, VICE PRESIDENT
I-5 PROPERTY SERVICES, INC.



Wood Shavings, Worms, and Microbes



River Cobble



Drainage Basin