

CASE STUDY

PACKED Bed System (PBS)

Spokane CSO, Washington



The City of Spokane needed an odor control solution for its sewage facility. The process of treating raw sewage releases H₂S and other odorous gases into the air, leading to complaints from the surrounding community.

PureAir was able to custom engineer gas-phase filtration units to meet the city's specific requirements of horizontal units that can handle a highly contaminated airstream and can be stored underground.



PureAir provided Spokane with Packed Bed Systems (PBS) equipped with two media beds for Sulphasorb XL™ and CPS Blend adsorbent media. Sizes custom engineered ranged from PBS-404 to PBS-809. The odors the project was designed to tackle were hydrogen sulfide, VOCs, mercaptans, and sulfur compounds.

The air is now odor free and the City of Spokane continues to work with us today.

