

Service public de l'assainissement francilien (SIAAP) The Public Sanitation Service, Paris, France

THE PROBLEM:

The Paris Sanitation Authority (SIAAP), established in 1970, transports and treats wastewater for nine million people in and around Paris. It manages 440 km of pipe, six treatment plants, and 12 stormwater retention basins. With a staff of more than 1,770 employees and an annual budget of 1.3 billion euros, SIAAP covers four areas: Paris, Hauts-de-Seine, Seine-Saint-Denis, and Val-de-Marne, along with 180 municipalities in the Val d'Oise, Essonne, Yvelines and Seine-et-Marne. Because tourism is high in these areas, odor control is especially important. To keep tourism up and unpleasant odors from wastewater treatment down, SIAAP needed a first-class air quality solution.



THE SOLUTION:

Due to the high volume of H_2S , SO_2 , and mercaptan gases in such expansive areas, PureAir determined the most efficient solution was filling 256 PP18 modules with three types of their chemical adsorbent medias: Sulphasorb XL™, CPS12 Blend, and PureAir 12. Half of the PP18 modules were filled with Sulphasorb XL™ with the other half being split between CPS12 and PureAir12. PureAir worked with Société Bourguignonne de Plomberie Industrielle (SBPI), a local representative and service provider, to install the modules in an existing side-access handling unit. Since the project's installation in November 2020, SIAAP has been very pleased with the products and the performance of the medias. PureAir continues to work with SIAAP for replacement medias.



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