

AZZURO, INC.
PO Box 27590
Scottsdale, AZ, 85255-0143
USA
tel: +1.602.903.3918
email: info@azzuro.com



SPECIFICATIONS

Application:
Municipal Wastewater

Air flow:
14,000 cfm

Contaminants:
50 ppm H₂S

System configuration:
3 x Torrenta 36-2

Removal efficiency:
99% H₂S and 95% OU

Footprint:
50 ft x 30 ft

Height:
17 ft

Reactor material:
FRP

Media material:
Spacious Wire Pac (SWP)

Installed in:
June 2009

CASE STUDY: CITY OF LITTLE ROCK, AR / LITTLE MAUMELLE WWTP

If space is a problem, Azzuro's Engineers will help you find the right solution and the most compact lay-out for towers and ducts - Even if you have to go inside or underground

REQUIREMENT

The Little Maumelle Wastewater Treatment Facility in Little Rock needed to minimize odor and noise complaints because of its location in the community and a nearby State Park. They turned to Azzuro for help in meeting their goals with a consistent and reliable H₂S and Odor Control System.

The system needed to operate quietly and have a limited height in order to be located indoors. Azzuro was selected as the equipment supplier due to the quality of its Spacious Wire Pac (SWP) media, which allowed for maximum treatment within a limited space.

Engineers: CDM Smith (Camp Dresser & McKee)

SOLUTION

Azzuro installed three (3) Torrenta 36-2 Bioreactors followed by three (3) activated carbon units, which were used as a final polishing step for any remaining trace amounts of H₂S.

The system has effectively met performance and exceeded the expectations of the engineer and owner. The Azzuro biological portion of the system has worked so effectively that the carbon bed life has been far longer than anticipated.

The savings have been a welcome benefit for the owner and with almost no maintenance the operators can focus their attention to other areas of the facility.