ODOR CONTROL

ACHIEVING MINIMIZED ODOR IMPACT WITH MAXIMUM KNOWLEDGE AND EXPERTISE.
AT BLACK & VEATCH, THE MOST IMPORTANT ODOR CONTROL ISSUES ARE YOURS.

To you and your community, the most important issues in odor control are your issues. We help you achieve best-fit solutions that balance multiple objectives, including performance, cost, public expectation, practicality and operational ease.

We study the full range of alternatives to develop a custom-fit approach that makes sense for you, including operational modifications, liquid-phase chemical addition, containment and vapor-phase treatment. We have practical experience installing all types of vapor-phase treatment technologies, including wet scrubbers, activated carbon, biofilters, biotrickling filters and activated sludge diffusion.

In odor control, we know what works and why, through extensive research, global project experience and an extensive knowledge network. To provide you with the best technology-based solutions, we constantly monitor innovations, public expectations, environmental issues and the regulatory climate. To narrow down the right approach for you, let Black & Veatch broaden your options.

IDEAS TO IMPLEMENTATION – UNDER ONE ROOF

We offer you broad expertise in virtually every odor control process, design and approach. Comprehensive Black & Veatch services range from consultation and analysis through process implementation and performance testing. With no vested interest in specific vendors, equipment or methods, you can trust Black & Veatch for unbiased advice on the approach that’s best for you.
ODOR CONTROL WITHIN THE PROCESS “BIG PICTURE”

Odor control is just part of your whole system. We understand the complete process inter-relationships that affect odor control, and our proven process expertise helps you create the most efficient, economical solutions within your total system.

FROM LATEST AND GREATEST TO TRIED AND TRUE

Best-fit technology means more than performance alone; every odor control project presents unique challenges and requirements. We also consider your goals for affordability, reliability and maintainability to balance your multiple objectives. Whether that’s cutting-edge technology or a fundamental approach, Black & Veatch knows what works and how it applies to your situation.

FULL CIRCLE COMMUNICATION AND COLLABORATION

We emphasize communication and collaboration between all stakeholders and back it up with responsiveness. Project success is built on frequent, productive communications that help you pinpoint your best options while fostering positive public dialogue and acceptance.

PROVEN RESULTS

- **Rowlett Creek WWTP, Plano, TX, and Wilson Creek WWTP, Lucas, TX**
  After success at one facility, B&V was engaged to install activated sludge diffusion at another facility to treat headworks, primary clarifiers and sludge holding.

- **Blue River WWTP, Johnson County, KS**
  An innovative V-Bank activated carbon system that allows easy media replacement was installed to treat grit basins and sludge storage.

- **Scottsdale Water Campus, Scottsdale, AZ**
  To gain public approval to build a wastewater facility in a residential neighborhood, B&V designed high efficiency odor control, including an innovative two-stage packed tower that uses chlorine gas to treat headworks, primary clarifiers and covered aeration basins.

- **Woodman Point WWTP, Perth, Western Australia**
  A 60,000 cfm biotrickling filter system with wet scrubber polishing reduced annual operational costs by a phenomenal $250,000.

- **Broomfield WWTP, Broomfield, CO (shown below)**
  B&V installed an advanced biofilter system that uses manufactured mineral media to provide more than 10 years of media life with better performance and less maintenance than typical organic media systems.
BUILDING A WORLD OF DIFFERENCE®

Black & Veatch is an employee-owned, global leader in building Critical Human Infrastructure™ in Energy, Water, Telecommunications and Government Services. Since 1915, we have helped our clients improve the lives of people in over 100 countries through consulting, engineering, construction, operations and program management. Our revenues in 2012 were US $3.3 billion. Follow us on www.bv.com and in social media.