WASTEWATER

MANAGING THE WASTE, VALUING THE WATER.
RENOWED EXPERTISE, PROVEN PERFORMANCE—AT YOUR DISPOSAL.

From the initial collection of wastewater to safe conveyance of flows to comprehensive treatment processes, Black & Veatch can help you harness the most efficient and appropriate ways to handle it successfully. We view water as a precious resource for your community. That’s why you can count on the knowledge and experience of Black & Veatch to identify insightful reuse options or return treated water safely back to the environment at the best feasible quality.

We work with clients to pinpoint the best solution for each community by balancing economic practicality, environmental sensitivity and operational ease. Our services include:

- Chemically enhanced primary clarification
- Wet-weather flow treatment
- Headworks improvements
- Secondary treatment
- Effluent reuse
- High-level disinfection
- Advanced odor control
- Trace organics control
- Biosolids processing and handling

Your success is directly tied to our people. From our renowned central technology group to process professionals all over the world, we ensure you access to our network of highly skilled specialists. Our professionals lead the wastewater industry in research, technologies and process enhancements, and that means realistic and reliable wastewater solutions for you.

Through our extensive research, global experience and international network, we know what works and why. Black & Veatch has designed, developed and constructed thousands of wastewater design projects for communities, government agencies and industries around the world. To provide you with the best technology-based solutions for collection, treatment, reuse and disposal of wastewater, we constantly monitor public expectations, environmental issues, emerging regulations, applicable laws and available technology.
BROOMFIELD WASTEWATER RECLAMATION FACILITY
Broomfield, Colorado
Black & Veatch designed this innovative wastewater facility that featured the first full-scale hybrid integrated fixed film activated sludge (IFAS) implementation of its kind in North America. The facility is an archetype for efficient storage and use of existing facilities and the reuse of treated wastewater.

STICKNEY WATER RECLAMATION PLANT MASTER PLAN  Chicago, Illinois
Black & Veatch developed a prioritized master plan to guide capital improvements for this plant, among the largest wastewater treatment facilities in the world. The Black & Veatch team featured leading experts in the wastewater field and specialists in biosolids processing, nutrient control and disinfection.

EAGLE’S POINT WASTEWATER TREATMENT PLANT
Minneapolis, Minnesota
Population growth was the major driver for an aggressive schedule to expand and upgrade this aging wastewater treatment facility. Black & Veatch led a joint venture to design and build this project on an accelerated timetable. A biological nutrient removal treatment system provides flexibility and is designed to meet current and future total nitrogen limits.

HYPERION WASTEWATER TREATMENT PLANT
FULL SECONDARY UPGRADE
Los Angeles, California
Black & Veatch provided master planning and design assistance for the upgrade to full secondary treatment at this facility, one of the largest wastewater treatment plants in the Western Hemisphere. The project was named one of the 10 Most Outstanding Public Works Projects of the 20th Century by the American Public Works Association.

MORRIS FORMAN WASTEWATER TREATMENT PLANT
Louisville, Kentucky
As design-builder, Black & Veatch delivered an innovative, alternative approach that eliminated foul odors and saved the client $32 million. The award-winning facility produces a dried fertilizer product and features heat dryers that are powered by digester gas – one of many energy-efficient features.
Black & Veatch is an employee-owned, global leader in building critical human infrastructure in Power, Oil & Gas, 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 2015 were US $3 billion. Follow us on www.bv.com and in social media.