WATER SERVICES
REALIZING THE VALUE OF WATER FOR COMMUNITIES WORLDWIDE

BUILDING A WORLD OF DIFFERENCE®
EXPERTISE IN ALL FACETS OF WATER

We make the use of water - whether it’s raw water, drinking water, wastewater, stormwater, or recycled water - resilient, reliable, safe, and affordable wherever and whenever it’s needed.

Working with public providers and private industries, we:

- Help conserve precious water supplies and protect the environment in the face of major demographic, economic and climate changes.
- Balance system and user needs with available capital, promoting financial sustainability.
- Advance understanding about the true value of water in support of social sustainability.

<table>
<thead>
<tr>
<th>PLAN</th>
<th>SOURCE</th>
<th>TREAT</th>
<th>CONTROL</th>
<th>GENERATE</th>
<th>PROTECT</th>
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<tbody>
<tr>
<td>• Integrated – all aspects of the water management cycle.</td>
<td>• Developing and expanding supply sources less susceptible to climate change.</td>
<td>• Facility design, process design and advanced treatment technologies.</td>
<td>• Storing and carrying treated water to communities.</td>
<td>• Closed-loop solutions for energy, nutrient and water recovery.</td>
<td>• Sustainable water and watershed management protecting communities from flooding and natural disasters.</td>
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<td>• Resilience – holistic, big-picture thinking for strategic, operational and financial resilience.</td>
<td>• Managing stormwater and water resources for community benefit.</td>
<td>• Fostering regulatory compliance.</td>
<td>• Collect and convey used water and stormwater for treatment, watershed management.</td>
<td>• Driving renewable power by capturing energy embedded in movement and treatment of water.</td>
<td>• Climate change resilience; coastal and river basin management.</td>
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<td>• Risk-based – understand assets and analyze data to optimize decision making.</td>
<td>• Efficiently and safely returning used water to the environment or beneficially reusing it.</td>
<td>• Biosolids and residuals management.</td>
<td>• Driving sustainability and system resilience.</td>
<td>• Harnessing nutrients in wastewater and closing the phosphorus gap.</td>
<td>• Safety by Design and regulatory compliance.</td>
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Black & Veatch Water Services
BLACK & VEATCH SERVICES SPAN THE ENTIRE WATER CYCLE

CLIMATE CHANGE RESILIENCE
Protecting people and property from impacts of sea level rise, land subsidence, drought and flooding, and helping communities adapt to the effects of climate variability.

DAMS & RESERVOIRS
Design and construction of new dams and rehabilitation of existing ones, including safety and risk assessment.

DRINKING WATER
Efficiently treating fresh water to drinking water quality standards for domestic/commercial use.

CONVEYANCE & STORAGE
Storing and carrying raw and treated water to communities through distribution systems and storing and carrying used water and stormwater from communities through collection systems.

STORMWATER & FLOODING
Sustainable urban drainage management and protecting communities from flooding.

PLANNING & ASSET MANAGEMENT
Holistic planning to solve persistent challenges associated with aging infrastructure and increasing regulatory requirements, while reducing cost and risk. Managing demand, smart metering and reducing leakage.

WASTEWATER
Safely treating wastewater from homes and businesses and reducing infiltration.

WATER RESOURCES/ENVIRONMENTAL
Efficiently making water safe to return to the environment. Includes green infrastructure through ecosystem assessments and community systems.

BIOSOLIDS MANAGEMENT
Processing biosolids for reuse as fertilizer, fuel and aggregates.

WATER REUSE
Treating wastewater for commercial and domestic reuse.

MARINE ENERGY
Transforming the power of waves and tides into sources of electricity.

COGENERATION/COMBINED HEAT AND POWER (CHP)
Using biogas from wastewater treatment processes to generate both heat and power and renewable fuel.

HYDROPOWER
Harnessing the energy in moving water to generate clean, renewable power.

DESALINATION
Treating impaired water, brackish or seawater for potable or fit-for-purpose industry and irrigation uses.
Black & Veatch offers the services and infrastructure to collect, move, clean, store, protect and manage water comprehensively. We work locally while leading with world-class technical innovations and applying industry best practices. Helping communities realize the true value of water is how we’re Building a World of Difference.