
ENVIRONMENTAL CONSULTING



BLACK & VEATCH
Building a world of difference.®

BLACK & VEATCH ENVIRONMENTAL CONSULTING SOLUTIONS

What sets Black & Veatch apart? Whether you need additional support regarding environmental issues, or you need a fully integrated environmental team, we offer all the right solutions.

BREADTH AND DEPTH OF EXPERIENCE

Black & Veatch offers comprehensive environmental consulting services with a full staff of scientists, engineers, remediation specialists, biologists, noise specialists and environmental regulatory experts. The wide range of our professional disciplines and the breadth and depth of our experience have earned us the reputation for developing innovative, effective solutions to tough environmental challenges.

The professionals at Black & Veatch have extensive experience with all phases of project development, from technology selection, siting, engineering and permitting, to construction and ongoing compliance. In fact, our integration into a full-service engineering firm allows our environmental professionals to approach projects with a knowledge base that few other firms can offer. Whether you need assistance with one specific phase or an entire project at new or existing facilities and operations, we get the job done and get it done right.

EFFECTIVE ENVIRONMENTAL STEWARDSHIP

Clients benefit from our identifying and implementing environmental permitting and engineering strategies to meet stringent regulatory requirements, expedited permitting schedules, tight budgets and compliance deadlines. Through well-established relationships with agency personnel and our knowledge of rules and guidelines, we effectively negotiate permit conditions to maximize operational flexibility. Our ongoing environmental management services help our clients achieve their sustainable stewardship objectives.

INTEGRATED APPROACH

Starting with an across-the-board compliance strategy, we go to work integrating your environmental objectives into your business operations. We specialize in minimizing risks with cost-effective technical solutions, while looking at ways to achieve maximum operating flexibility.

ACCESSIBLE AND RESPONSIVE

Our comprehensive services and ability to share resources easily across the country and amongst our 110 global offices allow Black & Veatch to be a one-stop, single-source solution. For you, this means having a trusted business partner close by, accessible and responsive to your needs.

We listen and respond. It is through this approach to business solutions that we develop effective and timely solutions to a wide variety of environmental challenges. Our focus and commitment is in containing costs, staying on schedule and minimizing risk – all elements essential to project success.

COMMITMENT TO QUALITY AND SERVICE

Our environmental services are a natural extension of our 100-plus years of experience in providing solutions for clients working with environmental issues in water, energy, industrial and telecommunications services. And while the projects vary from client to client, our commitment to quality and service is always the same. That's the Black & Veatch difference.

Facility Siting

- Siting Methodology Development
- Site Suitability “Fatal Flaw” Analysis
- Regional Siting Studies
- Comparative Site Analysis
- Linear Facility Route Analysis (high-voltage transmission lines and underground pipelines)
- GIS Applications, Map and Aerial Photography

Licensing/Permitting

- Regulatory Requirements Identification
- Permitting Assessment and Strategy Development
- Agency Consultation
- Permit Application Preparation and Support
- FERC Hydro Licensing and Relicensing
- FERC Certification for LNG and Interstate Pipelines
- Regulatory Compliance Consulting
- Public Hearing Support

Air Quality Permitting and Compliance

- New Source Review Consultation
- Air Quality/Meteorological Monitoring
- Air Dispersion Modeling
- BACT/BART/RACT/MACT Determinations
- PSD/State Air Permit Applications
- Title V Applications and Compliance Audits
- Clean Air Act Compliance
- Air Emissions and Greenhouse Gas Inventories
- Multipollutant Regulatory Analyses

Air Quality Control Systems Solutions

- NOx Reduction Systems
- SO₂ Reduction Systems
- Mercury (Hg) Reduction Systems
- SO₃ and Acid Gases Mitigation
- Particulate Control (PM + PM10)
- Conceptual Engineering Studies
- Continuous Emissions Monitoring Systems Consulting
- Procurement
- Construction and Construction Management

Due Diligence and Compliance Management

- Multimedia Compliance Planning
- Environmental Compliance Assessments
- Environmental Liability Assessments
- Environmental Due Diligence Reports
- Phase I and II Environmental Site Assessments
- TRI and Emissions Inventory Reporting
- Environmental Best Practices and Management Plans

Environmental Science Services

- Environmental Assessments, Impact Statements, Mitigation Plans and NEPA Compliance
- Water Resource Assessments
- Wetland Delineation and Mitigation
- Risk Management Plan and Process Safety Management
- Environmental Noise Assessments
- Vegetation Surveys and Mapping
- Endangered and Threatened Species Surveys
- Wildlife Surveys, Habitat Evaluations and Management Plans
- Aquatic Biological and Habitat Studies
- Recreation Resource Analyses
- Land Use Analyses
- Visual Analyses
- Socioeconomics Assessments
- Traffic Analyses

Industrial Water and Wastewater Services

- Water Conservation, Reuse and Recycling
- Pollution Prevention and Waste Minimization
- Pilot Testing and Process Evaluations
- Water and Wastewater Treatment

Remediation

- Remedial Investigation/Feasibility Study
- Community Relations
- Human Health/Ecological Risk Assessment
- Remedial Design/Remedial Action
- RCRA and CERCLA Corrective Actions
- State Voluntary Cleanup
- Brownfields Remediation/Redevelopment



FLORIDA MUNICIPAL POWER AGENCY
TREASURE COAST ENERGY CENTER
NEW GENERATION DEVELOPMENT

BUILDING A WORLD OF DIFFERENCE®

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.
