

The background of the slide is a photograph of a serene landscape. It features a calm body of water, likely a lake or a wide river, which reflects the sky and the surrounding greenery. The sky is a deep blue with scattered white clouds. The banks of the water are covered in dense, lush green trees and foliage. On the left side of the image, there is a large, semi-circular red overlay that serves as a background for the text.

BSI Consulting Services for Environmental

Inspiring trust for a more resilient world.

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Your Trusted Environmental Advisor

Environmental concerns present one of the greatest challenges to an organization's ability to keep pace with today's dizzying rate of change. Organizations that can successfully minimize the time and cost impacts of environmental risks, regulations, permitting and incidents are able to operate and compete at a significant business advantage while enhancing their brand reputation.





Our experts leverage innovative approaches with clients to support their regulatory compliance, manage risk and increase resiliency. Our goal is to ensure we support clients in managing both assets and risk thereby protecting brand and reputation.

Expert Environmental Guidance

For projects large and small, in industries and geographies around the world, our team brings an invaluable skill set – the ability to develop innovative, proactive, cost-effective assessments, action plans, and practice solutions for complex environmental and regulatory problems.

How environmental expert guidance from BSI helps

- Avoid fines, penalties, and enforcement actions
- Accelerate the start and completion of capital and development projects
- Keep permitting processes on track
- Minimize manufacturing and workplace disruptions
- Keep company management focused on core business competencies that drive success

Our Environmental Services

We work with our clients to align them with a future in which sustainability and environmental

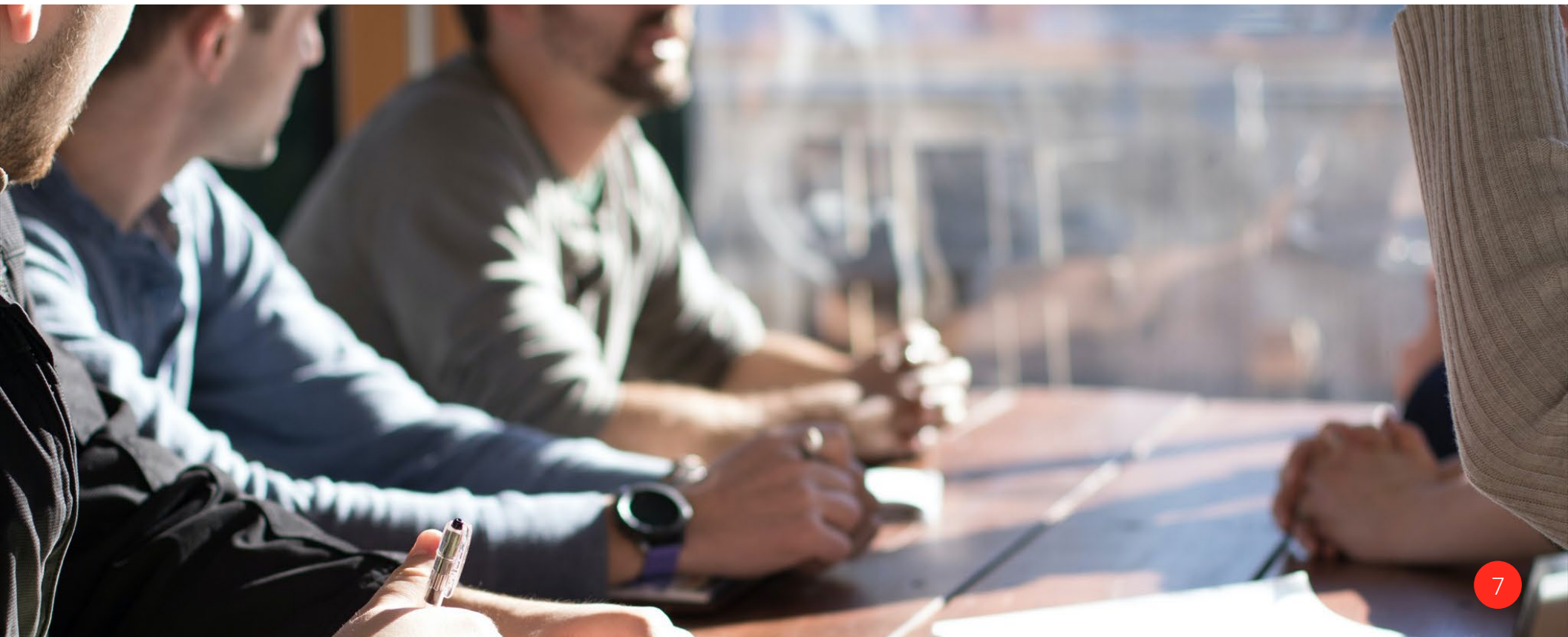
- Air Quality Permitting and Compliance Support ((NSR, PSD, Title V, NSPS, MACT)
- Air Quality Impact Assessments/Modeling
- Comprehensive Emission Inventories, including GHG accounting and reporting
- Feasibility Evaluations for Air Pollution Control Equipment
- Water (storm and waste): permitting, planning, reporting and design
- Waste (solid and hazardous): registrations, determinations, planning and reporting
- EPCRA Tier I, II, TRI and hazardous materials business plan threshold determinations, management and reporting
- Innovation: EPCRA compliance tool, Immersive audits, Interactive Compliance Plans
- Site assessments and routine inspections
- Due diligence: Phase I/II ESA and transaction screens, NEPA and site selection support
- Toxic Substances Control Act (TSCA)
- Site characterization, remediation design, and management
- Prioritization of Issues (POI) site audits: conducting a gap assessment, evaluating your EHS program, and recommending prioritized actions
- Facility siting utilizing environmental factors
- Site support: local, regional, and corporate environmental staffing
- Facility closure and decommission
- Risk management planning (RMP): plan development, modification, and maintenance
- Tank testing: operational and mechanical integrity testing of oil and hazardous material tanks
- Remote consulting, SME support, training, and assessments
- Environmental compliance training



The BSI Environmental Difference

Collaborating with our clients is at the heart of everything we do. We work hard to understand your project goals and objectives and will bring together the experts to tailor the approach best suited for you by:

- leveraging innovation through our interactive compliance tool, innovative delivery methods, and remote audits;
- working with clients to mature their programs from start to best practice level;
- scaling to meet the needs of your internal stakeholders and your external shareholders; and
- ensuring your desired outcome has been achieved and that your team is empowered to sustain performance.



Our Expertise

With thousands of years of cumulative experience across the practices, and a heritage of setting global best practices, our consultants have the knowledge and tools to implement the most complex programs. We take a multidisciplinary approach to support our client needs.



Innovation is in Our DNA

Supporting clients virtually worldwide with a suite of immersive solutions



EPCRA Compliance Tool

Our robust chemical classification system designed to accelerate decision making and planning for a disruptive event.

- Applicability determinations
- Compliance reporting
- Tier2 submit, E-Plan, STEERS, CERS systems reporting uploads
- SSL certification encryption
- Password protected with simple front-end design
- SQL server database controlled and maintained by BSI personnel
- BSI proprietary



Immersive Audits

- Level 1 - Web streaming
- Level 2 - Smartphone/tablet
- Level 3 - Smart glass
- Level 4 - Spatial solutions
 - Drone - Comprehensive 2D view of sites above ground
 - LiDAR - Indoor, to scale 3D modeling
 - SaaS - Seamless monitoring of nonconformities



Interactive Compliance Plans

Compliance programs purpose-built to your organization's regulatory and sustainability needs. Benefits of interactive compliance plans include:

- Digitizing plan
- Real-time changes and instant plan compliance
- Mobile device ready
- Compliance documentation and improvement tracking

EPCRA Compliance Tool and Services

As our world marches towards making sustainable decisions to positively impact our planet and protect our communities, strong environmental stewardship, reliable and effective EPCRA compliance is a key step in that direction. Leveraging the BSI EPCRA Compliance Tool empowers knowledge, safeguards communities and ensures public trust.

EPCRA compliance has never been more challenging for organizations and their shareholders with increased regulatory scrutiny and oversight from EPA, NGOs, and other community stakeholders.

Key features:

- Applicability determinations
- Compliance reporting
- Tier2 submit, E-Plan, STEERS, CERS systems reporting uploads

Knowledge of hazardous materials and their impacts on neighboring communities can greatly facilitate the work of emergency personnel. For this reason, BSI has developed the EPCRA Compliance Tool, which consists of a robust chemical classification system designed to accelerate decision making and planning for a disruptive event.

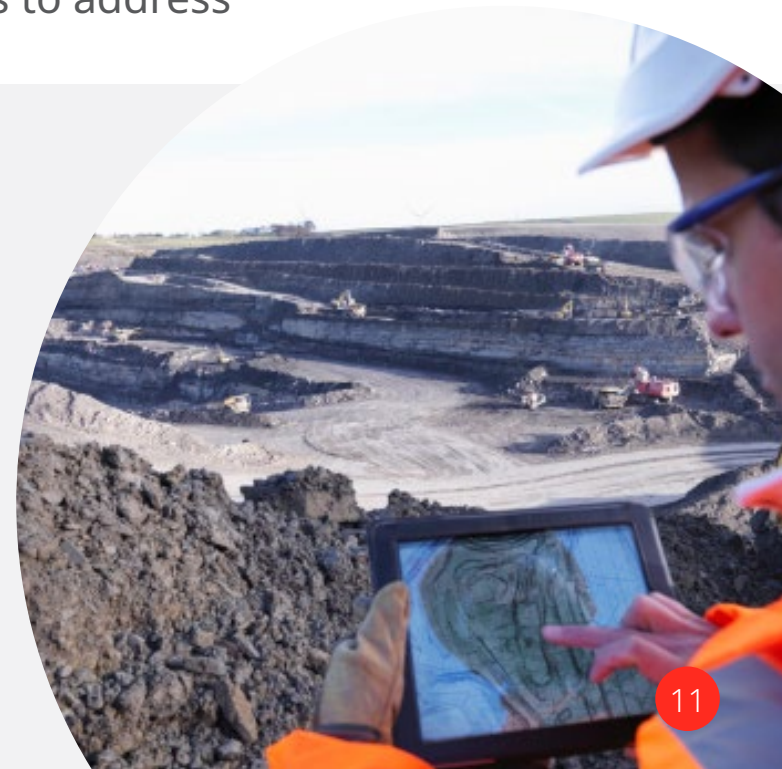
Interactive Compliance Plans

Rapidly changing stormwater regulations are creating new challenges for many companies. However, these requirements also provide an opportunity for your organization to deliver on its sustainability commitment while preparing a plan that is compliant with local, state, and federal requirements.

Protecting the planet, being innovative, and ensuring offerings are sustainable are fundamental to the BSI approach to stormwater management. Our experts ensure both environmental and social benefits are realized by adopting innovative approaches to address regulatory, operational, and climate resilience concerns.

Our Areas of Expertise

- Water (storm and waste permitting, planning, reporting and design)
- Inspection and sampling
- Compliance audits and training
- Risk assessment and management planning
- Site characterization, remediation design and management



Air Quality Services



BSI helps companies overcome the complexity of air quality regulations by developing tailored solutions to solve challenges associated with their air quality management projects. BSI has established a center of excellence for air quality which is comprised of a diverse group of professionals with industry expertise and knowledge in federal and state air quality regulations and permitting procedures. Our team utilizes its regulatory and technical expertise to assist companies with meeting their air quality permitting and reporting requirements while also helping them navigate the complex issues raised by the CAA.

Air Permitting and Regulatory Assistance Services Include:

- Air Permitting
- Regulatory Applicability Analysis
- Risk Assessment and Strategic Business Advisement
- Compliance Auditing
- Compliance Management Tools
- CAA Section 112r Risk Management Program (RMP) Compliance Support
- Emergency Planning and Community Right-to Know Act (EPCRA), Section 313 TRI Form R

Air Quality Permitting and Regulatory Assistance

Air permit considerations are vital in all phases of the lifecycle of an operation. Organizations building a new facility, expanding, or modifying their line of products or operations need to understand the potential impacts of their changes against CAA requirements to ensure they are complying with regulations and avoiding potentially costly fines or business interruptions. Additionally, air permitting considerations are often overlooked and are equally important during the curtailing and decommissioning phases of operations.

Our team of air quality professionals performs services incorporating all aspects of facility permitting, regulatory compliance and enforcement support alike. By doing so, we can reduce the regulatory burden on our clients by streamlining the permitting process while also strategically crafting the permit applications for maximum operational flexibility.

Air Quality Services

Emissions Quantification and Reporting

Air quality permitting projects require the development of an emission inventory to help quantify emissions from each source of air emissions at a facility. The use of appropriate emission factors and production rates is critical to developing an accurate emissions inventory that can be used in creating permitting strategies, determining applicable regulations, developing emission reports, and performing air dispersion modeling.

Our team of air quality professionals has developed thousands of emission inventories for a variety of industry types and a range of industrial processes. As a result, we are able to leverage this broad experience to develop permitting and compliance strategies that help our clients achieve their broader business goals.

Air Dispersion Modeling

Air dispersion modeling is required to evaluate potential offsite air quality concentration impacts for almost every capital permitting project and is therefore a critical path element.



Our expert team of air quality modelers understand atmospheric processes for emissions from sources located at a wide variety of industries and are proficient in the application of EPA-recommended regulatory models (e.g., AERMOD), as well as assessing impacts of air emissions from a single site or cumulative sites to demonstrate compliance with ambient air quality standards. Their collective expertise allows them to solve even the most complex air quality modeling challenges.

Greenhouse Gas Inventory and Carbon Reduction Management Planning

Our program approach is designed to establish the Scope 3 emissions baseline through:

Development of Scope 3 Inventory Management Plan

- This includes the accounting, reporting, governance, process, and procedures.

Development and Implementation of high-level screening to capture significant Scope 3 categories

- Strategy development and execution of the stakeholder screening process

Support and technical resources to gather and identify meaningful conversion of Scope 3 GHG emissions data

- Develop and document governance process, procedures and tools related to the gathering, converting, and reporting of Scope 3 GHG emissions.

Training

We believe in practical and interactive learning environments. For this reason, BSI brings multiple training formats to support our clients' education journey, customized to their organizations on a range of topics and languages. BSI offers training assessments to identify and implement the most suitable training to meet your organization's needs while adhering to regulatory requirements.

- Training Needs Assessments
- Engaging eLearning / Computer-based Training
- State of the Art Micro-video Training
- Virtual and Augmented Reality (VR/AR) Training
- Global Private On-site Training
- National Public Training Bootcamps and Webinars



We offer short environmental eLearning/micro-video courses:

- Environmental Law 101: Introduction to Environmental Law
 - Environmental Law 102: Key Major Environmental Regulations
 - Environmental Law 103: Navigating Environmental Inspections
 - CWA 101: Introduction to the Clean Water Act
 - CWA 102: Stormwater Management
 - CWA: 103: Spill Prevention, Control and Countermeasures
 - RCRA 101: Introduction to the Resource Conservation and Recovery Act
 - RCRA 102: Hazardous Waste Identification and Management
 - RCRA 103: Hazardous Waste Transportation
 - Sustainability 101: Introduction to Sustainability
- ...and more



Training Bootcamp

Our in-depth 4-day public environmental bootcamp

- Environmental Law and Regulatory Overview
- The Clean Water Act (CWA)
- National Pollutant Discharge Elimination System (NPDES)
- Stormwater Management
- Spill Prevention, Control and Countermeasures (SPCC)
- Wetlands Permitting
- Emergency Response, Spills and Reporting
- The Resource Conservation and Recovery Act (RCRA)
- Day-to-Day Hazardous Waste Management
- Hazardous Waste Transportation
- The Clean Air Act (CAA)
- CAA Permitting
- Title V Permitting
- Emergency Planning and Community Right-to-Know Act (EPCRA)
- Environmental Reporting
- Environmental Auditing, Inspections and Common Violations
- Risk Management Plans (RMP) and Process Safety Management (PSM)

Engaging group exercises and learning games each day

Build your own Environmental Bootcamp for your employees

- **You pick the topics**
- **You pick and date and location**
- **We incorporate your plans, permits and procedures**
- **Presentations tailored to your industry and organization**

Synergistic Practices



Health, Safety and Well-being

Our Health, Safety and Well-being practice focuses on proactive injury prevention and exposure reduction, while instilling a solid HSW foundation in the business culture.



Industrial Hygiene

Our Industrial Hygiene practice proactively manages exposure risks to chemical, physical and biological hazards to stay ahead of emerging industrial hygiene hazards and limit regulatory and legal liabilities.



Construction Safety

Our Construction Safety experts work with organizations to support the life cycle management of an asset to ensure resilience, operational performance, business



Sustainability

BSI's Sustainability practice supports our clients' ESG concerns and focuses on climate action, decarbonization efforts, climate risk adaptation, and circular economy initiatives.



Digital Trust

Our Digital Trust practice enables information resilience in the areas of cybersecurity, security awareness and training, information management and data protection, compliance, and data risk advisory services.



Supply Chain

BSI works with businesses to ensure that their people, products, and assets are secure and resilient against supply chain disruptions. Our Supply Chain practice's approach is forward-looking and proactive - helping companies develop effective management for business continuity.