



Providing workplace compliance solutions in our communities

Environmental, Health, and Safety Services for Industry



Intelligent and economical environmental **design** solutions

We understand the many factors impacting our client's business and provide expertise to assist them in remaining compliant, and to reduce their risks and liabilities.

Air Quality

Construction Permitting
Operations Permitting
Emission Inventory Reporting
Compliance Assistance
Emission Control Technology Assessments
Ambient Air Quality and Meteorological Monitoring
Greenhouse Gas Inventories
Atmospheric Dispersion Modeling

Solid and Hazardous Waste

Permitting Assistance
DOT HAZMAT Training
Facility Decommissioning/Demolition Planning
Waste Stream Characterization
Asbestos/Lead/Mold Assessments
Hazardous Materials Evaluations
Federal and State Reporting
Landfill Siting, Design, and Operation Plans
Landfill Leachate/Gas Management
Landfill Closure Planning
Waste Management Alternatives Analysis

Wastewater

Permitting Assistance
Water Use Audits

Baseline and Discharge Monitoring Reporting
Pre-treatment Studies
Biosolids Treatment, Handling, Storage, and Beneficial Reuse
Biomass Digester Facilities

Stormwater

Permitting Assistance (Construction, Industrial, and Commercial Sources)
Storm Water Pollution Prevention Plans (SWPPPs)
Inspections and Monitoring
Best Management Practice (BMP) Design

Chemical Storage and Management

Aboveground Storage Tank Inspections and Recertifications
Underground Storage Tank Management
Spill Prevention, Control, and Countermeasure (SPCC) Plans
Federal and State EPCRA Reporting (Tier II, TRI/Form R)

Sustainability

Sustainability Evaluations and Planning
Sustainability, Corporate Social Responsibility (CSR) Reporting

Greenhouse Gas Reporting and Management
Pollution Prevention
Wastewater Minimization and Zero Discharge Studies
Byproduct Beneficial Use Studies
Mine Reclamation and Staging

Soil and Groundwater Contamination

Due Diligence Investigations - Phase I II/III Environmental Site Assessments (ESAs)
Soil and Groundwater Contamination Investigations
Remedial Action Planning and System O&M
Contaminant Transport Modeling
Brownfield Redevelopment
Historic Fill Site Evaluations and Development

Other

Environmental Compliance Audits
Environmental Management System (EMS) Development and Implementation
Federal and State Enforcement Support
Expert Witness
Outsourced Environmental Management





Health and **safety** is a priority that benefits everyone

We help clients manage risks to protect the well-being of employees, minimizing lost-time and insurance costs, while increasing productivity without impacting production or maintenance activities.

Program Development and Training

- Accident Investigation and Injury Reporting
- ATV and Boat Safety
- Bloodborne Pathogens
- Confined Space Entry
- Control of Hazardous Energy
- Electrical Safety (includes ArcFlash)
- Fall Protection and Prevention Program
- First Aid Medical Services
- Flammable/Combustible Liquids
- Gases
- Hand and Power Tools
- Hazard Communications (HAZCOM)
- Machine Guarding
- Noise and Hearing Conservation
- Office Safety
- OSHA Recordkeeping
- Personal Protective Equipment (PPE) Assessments
- Powered Industrial Truck/Forklift Programs
- Respiratory Protection Program
- Scaffolds and Stagings
- Traffic Safety
- Trenching/Excavation and Shoring
- Vehicle and Fleet Safety
- Walking and Working Surfaces
- Water Safety
- Welding and Cutting
- All OSHA-required Training Programs

Exposure Assessments and Industrial Hygiene

- Arsenic
- Acids/Caustics
- Acid Gases (SO₂, H₂S, Cl₂)
- Asbestos
- Benzene
- Hexavalent Chromium
- Lead
- Metals/Weld Fumes
- Mold and Microbiological Agents
- Noise
- Organic Vapors (Xylene, Toluene, Acetone, Etc.)
- Silica

Process Safety Management and Design

- Process Safety Management (PSM) Programs
- PSM Audits
- Hazard and Operability Studies (HAZOP) and Process Hazard Analyses
- Piping and Instrumentation Diagrams
- Safety Risk Assessments
- Job Safety Analysis/Job Hazard Analysis
- Machine Guarding and Safety Control System Design
- Hazardous Area Classifications
- Fire Safety Audits

Emergency Planning

- Emergency Action Plans
- Emergency Drills
- Fire Prevention Plans
- HAZWOPER

Other

- OSHA (Health and Safety) Program Audits
- Health and Safety Inspections
- Worker's Compensation Claim Assistance
- Ergonomic Evaluations
- Expert Witness
- Indoor Air Quality Assessments
- Investigations
- Ventilation Surveys/Assessments
- Laboratory/Chemical Hygiene Programs
- Legionnaires' Disease Testing
- Investigations
- GHS Training
- GHS Safety Data Sheets
- Toxicology Services
- Combustible Dust Assessments
- Outsourced Safety Management

Find our work here

Stantec has specialists in a variety of industrial and manufacturing sectors, providing services for:

Mining/Cement/Aggregates

Carmeuse
County Materials Corporation
Lafarge
National Gypsum
Panther Creek Sand
Payne & Dolan
Speciality Materials
The Spancrete Group

Oil & Gas

BP
Chevron Corporation
Conoco Phillips
Exxon Mobil
Kinder Morgan
Northern Natural Gas
U.S. Venture
Valero

Chemical

Air Liquide
BASF Group
Clorox
Didion
Epic Resins
United Wisconsin Grain
Producers

Wood & Paper

Domtar Corporation
Georgia Pacific
Packaging Corporation of
America
SCA Tissue
The Network Group

Steel & Metals

B&B Metals Processing
Company
Charter Steel
Neenah Foundry
Strategic Materials
TerX Shredding and
Recycling

Power & Energy

American Transmission
Company
ComEd
Duke Energy
Invenergy
We Energies
Xcel Energy

Food & Beverage

Abbyland Foods
Cargill
ConAgra Foods
Dean Foods
Foremost Farms USA
JBS USA
McCain Foods
Milk Specialities Global
Nabisco World
Sara Lee
Sargento Foods
Schreiber Foods
Sunkist

General Manufacturing

ABB Group
Brady Corporation
Brenner Tank
Brunswick Corporation
Harley Davidson
Johnson Controls
Kohler Company
Mercury Marine
Monroe Truck Equipment
Oshkosh Corporation
Parker Hannifin Corporation
Rexnord
Rockwell Automation
Siemens Power
Vaughan & Bushnell
Wabash National
Walter USA

Design with community in mind

We're active members of the communities we serve. That's why at Stantec, we always design with community in mind.

The Stantec community unites approximately 22,000 employees working in over 400 locations across 6 continents. We collaborate across disciplines and industries to bring buildings, energy and resource, environmental, water, and infrastructure projects to life. Our work—engineering, architecture, interior design, landscape architecture, surveying, environmental sciences, construction services, project management, and project economics, from initial project concept and planning through to design, construction, commissioning, maintenance, decommissioning, and remediation—begins at the intersection of **community, creativity, and client relationships.**

Our local strength, knowledge, and relationships, coupled with our world-class expertise, have allowed us to go anywhere to meet our clients' needs in more creative and personalized ways. With a long-term commitment to the people and places we serve, Stantec has the unique ability to connect to projects on a personal level and **advance the quality of life in communities** across the globe. Stantec trades on the TSX and the NYSE under the symbol STN. Visit us at stantec.com or find us on social media.

