



Trinity Consultants is a leading global environmental consulting firm that brings 50 years of experience providing services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Trinity has the technical expertise and acute industry knowledge to provide optimal solutions to highly complex pharmaceutical development, process, safety, and facility design challenges.

Trinity Consultants has expanded its breadth and increased its focus to serve the life sciences sector. Skilled scientists and engineers from acquisition companies SafeBridge Consultants, ADVENT Engineering, and WorkingBuildings, along with Trinity's environmental consultants form Trinity Consultants Life Sciences, a multi-disciplinary team that serves Canadian life science companies with support from facility and process design through industrial hygiene and environmental permitting.

Facility Design/Operation

- Facility & program regulatory gap analysis to assess compliance with cGMP, USP <797>, <795>, <800>, <823>/<825>, FDA 503A, 503B
- HD facility exposure assessment and risk management
- Construction quality control
- Consolidation studies
- Programming and basis of design
- Design services
- Systems and equipment IQ/OQ
- Continuous quality control
- Commissioning
- Environmental monitoring
- ISO cleanroom certification

- Cleanroom, pharmacy, and Manufacturing SOP development and training
- Compliance plan set
- Manufacturing risk analysis
- Market studies
- FDA product listing and registration
- PEC selection and placement

Process Engineering & Design

- GMP facility design
- Computation fluid modeling - facility and process
- Process design – gene/cell therapy products
- Process design – recombinant biologics
- Cycle and product development
- Process automation
- Commissioning and qualification
- Cleaning validation
- Process validation
- Project management
- GMP owner's representative
- CMC – BLA generation/review
- Lifecycle GMP documentation
- Facility and process risk assessments
- Feasibility – GMP expansion
- Product impact quality assessments

Toxicology & Industrial Hygiene

- Occupational and product safety toxicology
- Pharma/Biopharma potent compound safety technical support

- Qualitative industrial hygiene exposure assessment
- Quantitative industrial hygiene air and surface monitoring
- Food ingredient approval
- Industrial hygiene analytical laboratory method development and sample analysis
- Decommissioning support
- Hazard communication and GHS services
- M&A due diligence support
- GLP toxicology and phys-chem quality assurance support
- EHS and potent compound safety training

EHS Consulting

- Air quality permitting, reporting, and compliance
- Air dispersion modelling
- Noise and vibration analyses
- Odour assessment & management
- Land use compatibility assessments
- EHS compliance audits
- On-site services including source testing and sampling
- Stormwater, wastewater, and waste discharge approvals
- Environmental Emergency (E2) planning
- Leak detection and repair (LDAR) support
- Sustainability and greenhouse gas (GHG) inventories and reporting
- Environmental feasibility studies

CONTACT OUR TEAM!

For more information about how we can help your organization, please contact us.

Trinity Consultants | Life Sciences or Canada?



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