

# Environmental Advisory Services



**We help our clients manage the environmental and sustainability risks associated with projects and operations through advisory services, studies and specialized assessments.**

Genesis provides environmental advisory services that offer robust, innovative and practical guidance.

We work with multiple industry sectors throughout licensing, design, installation, operations and decommissioning.

## HOW WE CAN HELP

By integrating specialist engineering skills, environmental science, local knowledge and stakeholder engagement, we provide a fully rounded support service.

The diverse backgrounds and experiences of our team enables us to support the full range of environmental studies and assessments required to support projects and operations. We pride ourselves on our ability to identify appropriate approaches to tackle complex and non-routine queries.

## HOW WE CAN ADD VALUE

We have specialists across multiple science and engineering disciplines, allowing us to develop solutions through a holistic approach. Our combination of technical expertise, industry and geographic experience, and use of proprietary tools enable us to address complex issues in any environment, in any part of the world.

Participating in projects across the globe from the early appraisal of options throughout the project stages as the engineering definition increases, we work with clients to identify and manage environmental issues.

## OUR SERVICES

- Environmental Permitting Support
- Environmental Impact & Risk Assessment
- ESG
- Carbon & Energy Management
- Environmental Engineering & Modelling
- Compliance, Operations & Decommissioning
- Biodiversity Assessment
- Environmental Data Management

# Environmental Advisory Services

Genesis North America offers the services of our environmental specialists in the following fields:



## AIR

### Air compliance

- EPA Dispersion modelling/Air Quality Assessment
- Permitting Support
- Fugitive emissions programs, LDAR
- Program development and compliance strategies
- Sustainability Opportunities
- Identification of Carbon reduction opportunities
- GHG calculations and reporting, Carbon Intensity Calculations and LCA
- Identifying critical metrics and data collection strategies
- Support with digitization recommendations and data visualization
- Development of action plans based on data
- Methane emissions reductions



## WATER

### Wastewater Compliance

- NPDES permitting support
- Compliance program development
- Discharge Monitoring Reporting Support
- Identifying vulnerabilities and risks in water systems and developing strategies to ensure compliance and improve sustainability performance
- Water source, use, and disposition mapping and identifying water reduction opportunities
- Stormwater Pollution Prevention Plan and Spill Control and Countermeasure Plan development and implementation strategy



## PROJECT ENVIRONMENTAL SUPPORT

- Environmental Impact Assessments
- Regulatory Applicability Assessments
- Permitting Strategies and permitting support
- Compliance program development
- After a project is permitted and compliance plan is in place, Genesis can provide ongoing support to help stay in compliance in an ever-changing regulatory landscape



## WASTE

### Waste Program Compliance

- Waste characterization and reporting support
- Hazardous waste management program development and review
- Support in designing systems for waste minimization in both plants and offices
- Reducing municipal and hazardous solid waste in current operations
- Assessment of current operating conditions, identification of vulnerabilities and development of waste reduction strategy
- Waste minimization plan development
- Identification of beneficial end-use or alternate disposal options



## OTHER SERVICES

Support in developing sustainability engagement programming for all levels of the organization, taking into account the unique role that different stakeholders play in a company's sustainability journey

### ESG Sustainability metrics

- Data collection, assessment of results, and visualization of data
- Carbon & Energy Management
- Biodiversity Assessments

### Data Management and Analytics

- Identifying critical metrics and data collection strategies
- Support with digitization recommendations and data visualization
- Development of action plans based on data

## CONTACT US

Initial enquiries regarding our Environmental Advisory Services can be directed to:

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