

Industrial Site Management Services

Introduction

LEHDER has assembled a multi-disciplinary team of hydrogeologists, engineers, and contractors to plan and implement rigorous, site specific industrial site management services.

LEHDER provides a variety of site management services to industrial clients including:

- Site inspections
 - Landfill investigations and management plans
 - Storm water management plans
 - Hydrogeological Studies
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Site Inspections

Site inspections by a third party are often effective in assisting corporate entities to manage sites with a small number of personnel or that are remote from other corporate resources. LEHDER site inspections are customized to reflect the activities at the site and to meet specific corporate objectives. Typically they are conducted on a quarterly basis.

Landfill Assessment and Management Plans

The LEHDER team has a broad range of capabilities to provide assessments and management plans for landfills. LEHDER projects have included:

- Hydrogeological assessments
 - Leachate treatability studies
 - Assessment of operational issues
 - Scope development and management of the implementation of corrective actions
 - Discussions with MOE and municipalities
 - Quarterly inspections to assess compliance with operation and maintenance plans
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Storm Water Management Plans

LEHDER has developed storm water management plans for industrial sites including chemical and insulation manufacturing facilities. The plan development included:

- Development of site base maps including elevations, drainage patterns
 - Storm water and runoff monitoring programs
 - Sizing of containment areas
 - Scope development, bid review and project management
 - Certificate of Approval applications
 - Discussions with MOE and municipal officials
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Hydrogeological Studies

A hydrogeological study is often conducted in conjunction with Phase II environmental site assessments or waste facility management to determine:

- the nature and extent of any subsurface contaminants present
- if ground water is a significant contaminant pathway, and
- the rate and direction of contaminant migration and any potential receptors which may be exposed to these contaminants

The key elements of hydrogeological studies are to:

- develop clear objectives for the investigation
- review relevant background information including previous site studies, published studies on site setting, and chemical properties of potential contaminants
- develop a “conceptual” site model of groundwater conditions
- implement a strategic monitoring and testing program to validate the conceptual model with representative site information
- identify and obtain the remaining critical data to complete the objectives of the investigation and overall understanding of site conditions

The results of these studies may be used in:

- site management or cleanup plans
 - routine site monitoring
 - design and management of solid or liquid waste facilities
 - managing ground water supplies and water quality
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LEHDER EHS Information Management Service (LEIMS)

The LEHDER EHS Information Management Services (LEIMS) is provided by LEHDER to manage our client’s EHS data in a consolidated custom data management system integrated with a graphical interface.

LEHDER will:

- Extract data from your current storage systems
 - Populate the database
 - Design custom data queries, reports, graphical outputs
 - Update and maintain the data structure and content
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For further information

For further information please contact:
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About LEHDER

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LEHDER Environmental Services is an environmental consulting company focused on providing Excellence in Industrial Air Quality Services. Formed in 1995, LEHDER is now one of the largest Air Quality Management companies in Canada.

All Air Quality aspects – source testing, emission inventories, air dispersion modeling, data interpretation and approval applications – are managed internally.

Visit our web site at www.lehder.com
