

# INSTALLATION & CONSTRUCTION SERVICES

**BUILD A SOLID FOUNDATION FOR YOUR NEXT PROJECT**



Layfield is the geosynthetics company that always delivers the best technical expertise and innovative solutions you need, at the quality you and your customer expect; because to us, your reputation is riding on it. Our installation crews are trained in quality control, safety, and project management so that every new Layfield geosynthetic installation is as reliable as the last.

- ✓ Established Safety Program In Place
- ✓ Largest Installation Capacity in Canada
- ✓ Comprehensive Quality Systems
- ✓ Design/Build Capabilities
- ✓ Cost Effective Products and Services
- ✓ Access to All Geosynthetic Materials
- ✓ Total Quality Management





## ACCESS TO ALL GEOSYNTHETIC MATERIALS

Layfield is aligned with industry leading supplier and partners, allowing us greater access to materials.

Layfield has access to all types of geomembrane materials and geotextiles. We will always provide an objective, unbiased recommendation on the best geosynthetic materials for your specific application. By using the right materials for each application, Layfield can help you reduce costs, speed-up construction, and reduce your environmental impact.



## LARGEST INSTALLATION CAPACITY IN CANADA

Layfield is a specialized contractor providing construction services and crews across North America.

From the smallest secondary containment systems to the largest floating covers, Layfield's installation crews are ready to tackle any installation project. With an industry-leading training program that exceeds industry requirements, our construction crews will install 42 million square feet of liners and covers in an average year. In a condensed Canadian construction season it is important to select a geosynthetics contractor that can actually perform the work when the site is ready. Given Layfield's capacity we are in the best position to execute work on schedule.



## COMPREHENSIVE QUALITY SYSTEMS

Our Research & Technology group is constantly developing new ways to enhance the quality of existing products

**Manufacturing:** The manufacture of geomembranes at Layfield is governed and controlled by our registered quality management systems, which meets the requirements of the ISO 9001:2008 standard. **Installation:** Layfield developed an extensive QA installation system that allows us to track all materials from manufacture to final inspection; we qualify welding equipment and test every seam made in the field. We are commonly subject to third party QC inspection on job sites. We are used to operating at a quality level significantly higher than any other trade on a job site.



## COST EFFECTIVE PRODUCTS AND SERVICES

Layfield provides a broad range of geosynthetic and geomembrane products and services at competitive market prices.

Our world-class manufacturing facility in Vancouver, and our state-of-the-art fabrication plants in Edmonton and San Diego adhere to efficient, lean manufacturing and fabrication processes. The tender process is intended to provide a general contractor or owner with a compliant product and/or service; however not all geosynthetics contractors are created equal. While the specified products and installation requirements are usually very particular, the finished containment system may have varying degrees of quality depending on the contractor selected to perform the work. Some of these soft costs related to poor quality could be asset downtime/rework and, ultimately, the cost of your reputation. Layfield's industry-leading quality system ensures an exemplary geosynthetics installation of the highest quality.



## INDUSTRY LEADING SAFETY PROGRAM

Layfield has a full-time dedicated safety manager and follows a documented safety program for all aspects of our operation.

- Layfield holds a Certificate of Recognition (COR) from the Alberta Construction Safety Association for its registered safety program, which is regularly audited for compliance. The COR is recognized in most Canadian provinces.
- Regular safety meetings are held at job sites and staff is trained in First Aid, WHMIS, Confined Space Entry, H2S Alive, Fall Protection, and other job specific requirements.
- Layfield is in compliance with the following vendor qualification systems: ISNetwork, ComplyWorks (formerly Canadian HSE), and Canqual.



## DESIGN/BUILD CAPABILITIES

Layfield offers design-build services on geosynthetic related projects. A design-build contract allows Layfield to draw on all of its experience and the multitude of products available to develop the most cost-effective solution for your requirement. Design-build solutions require involvement at an early stage in the project.

# SCOPE OF SERVICES

- Engineering & Engineering Assistance

- Geomembrane Selection
- Floating Cover Design
- Containment Design
- Soil Reinforcement Design

- Design & Design Assistance

- Geomembranes
- Floating Covers
- Baffle Curtains

- Construction Services

- Geomembrane and earthworks
- Mechanical and concrete

- Design/Build

- Geomembranes
- Floating Covers
- Soil Reinforcement

- Installation Services

- Geomembranes
- Floating Covers
- Geotextiles/Geogrids
- Baffle Curtains
- Geoweb® Systems
- AquaDam®

- Inspection and Maintenance

- Geomembranes
- Scheduled Inspections
- Leak Inspection Surveys (Exposed and Backfilled Liners)
- Repairs and Upgrades
- Materials Evaluation and Testing
- Floating Covers
- Cleaning and Inspection
- Disinfection



## PRODUCTS

- Geomembranes

- Enviro Liner®
- Hazgard®
- HDPE
- Heatgard™

- Floating Cover

- Baffle Curtains

- Frac Water Tanks

- Vertical Wick Drains

- Soil Reinforcement Solutions

- Geoweb® System
- E-Grids



- High Strength Geotextiles

- Geotube® Dewatering System

- Concrete Revetment Mats

- Mechanically Stabilized Earth Walls

- Vegetated Reinforce Slopes

- AquaDam®

- Flood Control

- Cofferdams

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Get the latest information on our products, services, and valuable technical information by visiting our website at:

[www.layfieldgroup.com](http://www.layfieldgroup.com)

or by giving us a call at 1.855.530.4226.