

INSTALLATION & CONSTRUCTION SERVICES



BUILD A SOLID FOUNDATION FOR YOUR NEXT PROJECT.

Ensure the success of your most complex projects, with one source accountability from manufacturing through to final installation. We are the geosynthetics company that always delivers the best technical expertise and innovative solutions you need at the quality you and your customer expect. 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



At Layfield, we offer a wide range of geomembrane materials and geotextiles to suit your needs. Count on us for impartial advice on the most suitable geosynthetic materials tailored to your project. By selecting the right materials, Layfield enables cost savings, accelerates construction timelines, and minimizes environmental footprints. Our strong partnerships with industry-leading suppliers grant us extensive access to materials, ensuring we meet your needs efficiently.



COMPREHENSIVE QUALITY SYSTEMS



Manufacturing: Layfield's geomembrane manufacturing adheres rigorously to our registered quality management systems, compliant with the ISO 9001:2008 standard.

Installation: Our comprehensive QA installation system, developed by Layfield, enables meticulous tracking of materials from manufacture to final inspection. We meticulously qualify welding equipment and rigorously test every field seam. Moreover, our operations are routinely subjected to third-party QC inspections on job sites, ensuring a quality standard consistently superior to any other trade present.

DESIGN/BUILD CAPABILITIES

Layfield specializes in providing design-build services tailored to geosynthetic projects, offering a comprehensive approach that leverages our extensive expertise and wide array of products. By engaging Layfield under a design-build contract, clients benefit from our proven track record and diverse resources, ensuring the delivery of the most cost-effective solutions for their specific needs. Emphasizing early-stage involvement, our approach ensures thorough project integration and optimization from the outset.

LARGEST INSTALLATION CAPACITY IN CANADA

Layfield's installation crews are ready to tackle any installation project, from the smallest secondary containment systems to the largest floating covers. Strengthened by our industry-leading training program, surpassing industry standards, our construction teams install 42 million square feet of geosynthetics annually. Amidst the condensed Canadian construction season, it's essential to select a geosynthetics contractor capable of timely execution when sites are prepared. With Layfield's capacity, we are the optimal choice to ensure on-schedule project completion.

COST-EFFECTIVE PRODUCTS AND SERVICES



At Layfield, our commitment to excellence begins with our world-class manufacturing facilities in Vancouver and Edmonton, complemented by state-of-the-art Edmonton and San Diego fabrication plants. We pride ourselves on adhering to efficient, lean manufacturing and fabrication processes that ensure optimal results.

In the tender process, the aim is to furnish general contractors or owners with a compliant product and/



or service. However, it's crucial to recognize that not all geosynthetics contractors possess the same level of expertise. While the specified products and installation requirements are typically precise, the final containment system's quality can vary significantly based on the contractor selected.

The repercussions of subpar quality can extend beyond immediate costs. They may include soft costs such as asset downtime, rework, and, ultimately, damage to your reputation. At Layfield, our industry-leading quality system guarantees an exemplary geosynthetics installation of the highest caliber. You can trust that your project will meet and exceed expectations with us.

INDUSTRY LEADING SAFETY PROGRAM

At Layfield, safety isn't just a priority; it's ingrained in our culture. Here's how we ensure your peace of mind:

- ▶ **Certified Excellence:** Layfield proudly holds a Certificate of Recognition (COR) from the Alberta Construction Safety Association, a testament to our commitment to safety. This registered safety program undergoes regular audits to ensure ongoing compliance and is recognized across most Canadian provinces.
- ▶ **Comprehensive Training:** Our dedication to safety extends to every member of our team. Regular safety meetings are conducted at job sites, and our staff is rigorously trained in essential areas such as First Aid, WHMIS, Confined Space Entry, H2S Alive, Fall Protection, and other job-specific requirements.
- ▶ **Vendor Qualifications:** We meet the stringent requirements of leading vendor qualification systems, including ISNetworld, ComplyWorks (formerly Canadian HSE), and Canqual. This ensures that our operations not only meet but exceed industry standards, giving you the assurance of working with a trusted partner.

Safety and quality go hand in hand, providing you with the expertise and peace of mind you deserve.



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