

Tailings revegetation : Black Lake Area

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At Englobe, we dare to rethink the way we do things. We care deeply about tangible, practical change that makes the future better. We exist to help our Clients and our communities build sustainability. Every project counts. Every day.



Englobe is a leading provider of specialty environmental and engineering services, supporting infrastructure development for public and private sector Clients. We have highly experienced and specialized teams, equipment, offices, certified laboratory facilities and soil treatment centres across Canada, the United Kingdom and France. We are conveniently located in your market to support all your large and small projects from start to finish in any way we can.

For more than 18 years, Englobe has been actively involved in the restoration of degraded sites such as landfills, mining sites, quarries and sand pits, industrial wastelands and roadside development (municipal and provincial).

Since December 2014, Englobe has been working on a new revegetation project with local partners in the Black Lake area. In total, nearly 100 hectares of mine tailings will be revegetated and reforested over a period of 5 to 10 years. Over 100,000 white spruce trees will be planted on the site.

SERVICES

- Final coverage of disposal sites from project design to implementation
- Site revegetation and restoration to natural state
- Building and landscaping of screening mounds
- Erosion control
- Development and supply of geotechnical products and topsoil substitutes

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EXPERTISE

Englobe applies innovative solutions that use recycled materials in a circular economy (lightly contaminated or decontaminated soils and fertilizing residual materials (FRM)) to create a substrate that promotes plant growth. The combination of soil and MRF, such as municipal sludge, provides a favorable environment for vegetation to take root and provides essential nutrients for the establishment of a vegetation cover.

Not only is a degraded site rehabilitated, but the use of recycled materials for this purpose is positive from an environmental, economic and social perspective. Concerned about the effects on local communities, Englobe has incorporated into its solutions work methods that limit the negative impacts on local residents. The project is governed by a ministerial authorization issued by the Ministère de l'Environnement et de la Lutte contre les changements climatiques.

THE 5 ADVANTAGES OF THIS TYPE OF PROJECT

- **Going green** : Our solutions deliver 3 benefits: they divert organic matter and biotreated soils from landfill; they do not use natural materials such as topsoil; and they mitigate environmental impacts and damage.
- **Competitive pricing** : Our solutions use already-available alternative materials that can be diverted from landfill. The economics of our technological approach can yield savings of up to 50% on some projects.
- **Our service** : Our multidisciplinary capabilities enable us to offer integrated services and products.
- **The quality** of our results exceeds current standards and raises the technical bar.
- **Our experience** : We have been providing this specialized service for over 18 years and have completed numerous large-scale projects, including the ongoing reforestation of over 350 hectares of tailings in our site reclamations.



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