

GSI Environnement, a business unit of EnGlobe Corp., has been specializing in the research, development and implementation of organic waste management (OWM) programs since 1987. Environmental services include composting, direct land application, site remediation and biomass cogeneration, as well as the commercialization of eco-products in Quebec and Ontario. GSI manages close to one million metric tons of organic waste annually through its various beneficial reuse outlets, transforming them into value-added products.

For more information, please visit www.gsienv.ca



L'ANGE-GARDIEN COMPOSTING FACILITY

LOCATION

The L'Ange-Gardien composting facility is located near Gatineau in the Outaouais region.

ORGANIC MATERIAL PROCESSED

- Leaf and yard waste
- Pulp and paper and municipal biosolids
- Source separated organics from municipal collection programs

Annual capacity: 150,000 metric tons (interior and exterior)



TECHNOLOGY

- Enclosed facility comprised of four in-vessel aerated concrete tunnels equipped with automated turning systems for the continuous mixing of materials
- Static piles with mechanical turnings

FINAL PRODUCTS

- Horticultural mixes for landscaping
- Composts



ENVIRONMENTAL CONTROLS

- Certificate of Authorization from the *Ministère du Développement durable, de l'Environnement et des Parcs* (MDDEP) for the reception, storage, conditioning and treatment of fertilizing and beneficially reusable organic waste materials
- Collection and treatment of leachate in decantation and aeration ponds
- Regular sampling and quality analysis of incoming residues, leachate, treated water, finished compost, topsoil and other value-added products by certified laboratories recognized by the MDDEP
- Biofiltration with organic substrate for the treatment of gaseous emissions during the composting process



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