

TECHNOLOGY ASSESSMENT • TECHNOLOGY ASSESSMENT

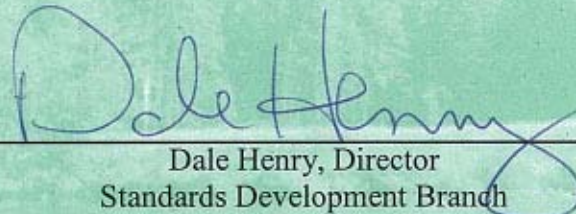
CERTIFICATE

OF TECHNOLOGY ASSESSMENT

**Bio-Desolve Applied to Municipal Wastewater
Treatment Lagoons
(MTS Environmental Products)**

Based on a review of the data and the information submitted in support of the technologies, the ministry concludes that Bio-Desolve, by MTS Environmental Products, may be applied to the treatment of municipal wastewater to reduce sludge accumulation, reduce odours and improve effluent quality in sewage lagoons, restaurants and sludge based municipal treatment systems. However the corresponding impacts on other operating and performance parameters need to be evaluated concurrently.

The specific applications of Bio-Desolve will require site-specific process or engineering design to ensure compliance with the intended performance requirements. The necessary environmental approvals under the Ontario Water Resources Act (OWRA) or the Environmental Protection Act (EPA) would be required on a case-by-case basis. For specific installations, it is necessary that a proponent follow the instructions identified in the Guide to apply for Municipal & Private Sewage Works and/or Industrial Sewage Works. A pre-submission consultation with the ministry's District Office is required to identify local environmental issues and requirements.



Dale Henry, Director
Standards Development Branch
Ontario Ministry of the Environment
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New Environmental Technology Evaluation Program

Promoting the development and application of new environmental technologies

