



# BC Onsite Sewage Association

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## Intention Statement

September 15, 2009

### **RE: TB5 - Combined Treatment and Dispersal Systems**

Technical Bulletin 5 (TB5) provides guidance to Authorized Persons for the use of combined treatment and dispersal system. These systems are defined as integrated units that provide both the treatment of sewage and dispersal of effluent within the unit or technology.

TB5 describes, in broad terms, the application of this type of system within the confines of the Sewerage System Standard Practice manual (SPM). The TB5 guideline does not present description of specific types of these units or technologies, nor does it describe methodology for the testing or assessment of the system for application under the SPM.

The TB5 describes aspects of the unit that should be addressed by the Authorized Person to insure that the unit will meet the outcomes expected through the SPM and Sewerage System Regulation.

It is the responsibility of the Authorized Person to determine that techniques and technologies meet standard practice. The Authorized Person needs to be properly supported in that decision making process by accessible and laudable information.

This intention statement is intended to outline to the suppliers or manufacturers their responsibility for providing the appropriate information.

### **Information related to CTDS**

The manufacturer or supplier should provide a written statement regarding the application of their product under the SPM consistent with TB5 containing the information outlined below:

- System description and use

- Third party supporting documents showing performance as a reference. It is recommended that the testing agency be recognized by the Standards Council of Canada.
- Applicability to seasonal dwellings
- Performance model and expected treatment performance
- Clear description of point of application
- Site assessment limitations
- Vertical separation compliance with SPM
- Type of distribution method
- Hydraulic loading rate compliance with SPM and product limitations
- Compliance with basal loading area
- Compliance with Linear loading rates
- Application of site capability tables
- Discussion related to gravity and pressure distribution
- Monitoring management and maintenance requirements

For specifics on the above-mentioned information the manufacturer or supplier should refer to the SPM and TB5.

**The written statement shall be developed by an independent third party professional engineer such as an engineer registered with the Association of Professional Engineers and Geoscientists of BC.**

#### Registered Practitioners and Professionals

The submission of file documents using CTDS must be supported by documentation supportive of their use within the context of the Sewerage System Standard Practice Manual.

**If the appropriate documentation is not supplied to the ROWP or Professional they may not be compliant with the requirements of the Sewerage System regulation section 8(2)(c).**

**It is the responsibility of the Authorized Person to ensure the system meets “standard Practice”.**