

Advanced Treatment Units – require maintenance agreements

Ontario Building Code 2024

Class 4 Sewage Systems

Division B

8.9.2.3. Class 4 Sewage Systems

- 1) Every Class 4 *sewage system* shall be operated in accordance with the literature required by [Sentence 8.6.2.2.\(6\)](#) .
- 2) No person shall operate a *treatment unit* other than a *septic tank* unless the person has entered into an agreement whereby servicing and maintenance of the *treatment unit* and its related components will be carried out by a person who
 - (a) possesses a copy of the literature required by [Sentence 8.6.2.2.\(6\)](#) , and
 - (b) is authorized by the manufacturer to service and maintain that type of *treatment unit* .
- 3) The person who is authorized by the manufacturer to service and maintain the *treatment unit* and who has entered into the agreement referred to in Sentence (2) with the person operating the *treatment unit* shall notify the chief *building* official if
 - (a) the agreement is terminated, or
 - (b) access for service and maintenance of the *treatment unit* is denied by the person operating the *treatment unit* .

8.6.2.2. Other Treatment Units

- 1) Except as provided in Sentence (2), a *treatment unit* , other than a *septic tank* , shall be designed such that the *effluent* does not exceed, for the level of the *treatment unit* set out in Column 1 of Table 8.6.2.2. , the maximum concentrations set out opposite it in Columns 2 and 3 of Table 8.6.2.2.

Table 8.6.2.2.
Other *Treatment Unit Effluent* Quality Criteria
Sentence 8.6.2.2.(1)

Classification of <i>Treatment Unit</i>	Suspended Solids	CBOD5
Level II	30	25
Level III	15	15
Level IV	10	10

- 2) A *treatment unit* that is used in conjunction with a *leaching bed constructed as a shallow buried trench* , *Type A dispersal bed* or *Type B dispersal bed* shall be designed such that the *effluent* does not exceed the maximum concentrations set out opposite a Level IV *treatment unit* in Columns 2 and 3 of Table 8.6.2.2.
- 3) All *treatment units* referred to in Sentences (1) and (2) that contain mechanical components shall be equipped with an audible and visual warning alarm so located to warn the occupants of the *building* served or the operator of the *treatment unit* of a malfunction in the operation of the *treatment unit* .
- 4) All *treatment units* referred to in Sentences (1) and (2) shall permit the sampling of the *effluent* .
- 5) A *treatment unit* is deemed to comply with Sentences (1) and (2) if it has been certified to CAN/BNQ 3680-600, "Onsite Residential Wastewater Treatment Technologies" using a temperature condition *listed* under option a) or b) of Clause 8.2.2. of that standard. (See Note A-8.6.2.2.(5))

- 6) Every operator of a *treatment unit* shall obtain, from the manufacturer or distributor of the *treatment unit* , literature that describes the unit in detail and provides complete instructions regarding the operation, servicing, and maintenance requirements of the unit and its related components necessary to ensure the continued proper operation in accordance with the original design and specifications.