

**567—81.3(455B) Wastewater treatment plant grades.**

**81.3(1) Classifications.** The wastewater treatment plant classifications are listed in the following table:

Wastewater Treatment Plant Classifications

Treatment Type	Grade				
	Based on Design Pounds of BOD <sub>5</sub> /day				
	less than 334	334-835	836-2,505	2,506-8,350	more than 8,350
	Based on Design Population Equivalent				
	less than 2,000	2,000-5,000	5,001-15,000	15,001-50,000	more than 50,000
1. Onsite Treatment System	W	Not Applicable	Not Applicable	Not Applicable	Not Applicable
2. Waste Stabilization Lagoon System	IL	IL	IL	IL	IL
3. Aerated Lagoon System	IL	IL	I	I	I
4. Advanced Aerated Lagoon System	II	II	II	II	II
5. Fixed Film Biological Treatment System	II	II	III	III	IV
6. Activated Sludge System	II	III	III	IV	IV

**81.3(2) Unknown design BOD<sub>5</sub> loading.** When the design BOD<sub>5</sub> loading is unknown, the plant BOD<sub>5</sub> loading shall be determined by using the average pounds of BOD<sub>5</sub> of the 24-hour composite influent samples taken in the last 12 months. If 24-hour composite influent samples are not available, then grab samples shall be used.

**81.3(3) IL wastewater operator requirements.** A Grade I, II, III, or IV wastewater treatment certificate will satisfy the certification requirements for a Grade IL plant.

**81.3(4) Grade W onsite wastewater classification.** Any wastewater treatment plant that discharges to a water of the state and that utilizes onsite wastewater treatment technologies, such as those specified in 567—Chapter 69, but excluding waste stabilization ponds, shall be classified as an onsite treatment system (Grade W).

[ARC 6193C, IAB 2/9/22, effective 3/16/22]