

STANDARDS AUSTRALIA

Amendment No. 1
to
AS 1546.3:2017
On-site domestic wastewater treatment units
Part 3: Secondary treatment systems

CORRECTION

The 2017 edition of AS 1546.3 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to Tables 2.1 and 2.2.

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Table 2.1

Delete Table 2.1 and *replace* with the following:

TABLE 2.1

**EFFLUENT COMPLIANCE CRITERIA FOR AN STS WITH NO NUTRIENT
REDUCTION FACILITIES**

Parameter	Secondary effluent		Advanced secondary effluent	
	90% of samples	Maximum	90% of samples	Maximum
BOD ₅	≤ 20 mg/L	30 mg/L	≤ 10 mg/L	20 mg/L
TSS	≤ 30 mg/L	45 mg/L	≤ 10 mg/L	20 mg/L
<i>E. coli</i> *	≤ 10 cfu/100 mL	30 cfu/100 mL	≤ 10 cfu/100 mL	30 cfu/100 mL
FAC †	Minimum 0.5 mg/L ‡	N/A	Minimum 0.5 mg/L ‡	N/A
Turbidity §	N/A	N/A	N/A	10 NTU

* Where disinfection is required.

† Where chlorine disinfection is used.

‡ Minimum level, not 90% of samples.

§ Where UV light is used for disinfection (see Paragraph B3.1).

AMDT
No. 1
DEC
2018

Table 2.2

Delete Table 2.2 and *replace* with the following:

TABLE 2.2
**EFFLUENT COMPLIANCE CRITERIA FOR AN STS WITH NUTRIENT
REDUCTION FACILITIES**

Parameter	Secondary effluent with reduced nutrients		Advanced secondary effluent with reduced nutrients	
	90% of samples	Maximum	90% of samples	Maximum
BOD ₅	≤ 20 mg/L	30 mg/L	≤ 10 mg/L	20 mg/L
TSS	≤ 30 mg/L	45 mg/L	≤ 10 mg/L	20 mg/L
<i>E. coli</i> *	≤ 10 cfu/100 mL	30 cfu/100 mL	≤ 10 cfu/100 mL	30 cfu/100 mL
FAC †	Minimum 0.5 mg/L ‡	N/A	Minimum 0.5 mg/L ‡	N/A
Turbidity §	N/A	N/A	N/A	10 NTU
Total N	N/A	15 mg/L	N/A	15 mg/L
Total P	N/A	2 mg/L	N/A	2 mg/L

* Where disinfection is required.

† Where chlorine disinfection is used.

‡ Minimum level, not 90% of samples.

§ Where UV light is used for disinfection (see Paragraph B3.1).

|| In alignment with NZ OSET NTP 'A grade' nutrient reduction capabilities.