

Form 4B – Daily Record Sheet – Acid Feed

Water Fluoridation Regulation 2020 Section 22(2)



Week Ending:

Day	Date	Time	Column 1 Water treated (ML) [Section 22 - 2a]	Column 2 Amount of fluorosilicic acid added to water ^a (kg)	Column 3 Fluoride ion content ^b	Column 4 Amount of fluoride ion added to water ^c (kg) [Section 22 - 2b]	Fluoride concentration in treated water (mg/L)		Additional records*	
							Calculated ^d [Section 22 – 2c]	Measured ^e [Section 22 – 2d]		
Sat										
Sun										
Mon										
Tues										
Wed										
Thurs										
Fri										
Water supplier:			Name of treatment plant:			Operator:				
Fluoride compound used:			Name of supplier:			Supervisor:				

NB: In the notes below, the Water Fluoridation Code of Practice has been abbreviated to 'WF CoP' and the Water Fluoridation Regulation 2020 has been abbreviated to 'WF Reg'.

^a Column 2 is the loss in weight in kg from the acid solution tank.

^b Column 3 = the proportion of fluoride ion in the fluoride compound multiplied by the purity of the fluoride compound expressed as a percentage. See WF CoP Appendix 5, Equation 1 for more information on this calculation. Purity should be taken from the batch analysis certificate as purity of acid can vary (WF CoP Appendix 1, Table 2).

^c Column 4 = Column 2 x Column 3 ÷ 100.

^d Calculated fluoride ion concentration = (Column 4 ÷ Column 1) + fluoride concentration in raw water.

^e Fluoride must be measured by an approved method listed in the WF Reg, Schedule 3, Dictionary.

[] brackets indicate the section in the WF Reg to which this requirement relates.

* Operators may use these columns to capture additional records such as the results of reticulation sampling, verification samples, average results of online analysers, etc.