

Table 1: Summary of the pesticide monitoring data by location (P: Pump; E: East stream; W: West stream) in the VDLM catchment 2016-2019. Detection data are summarised as total number of samples, number of samples above limit of detection (LOD), and number of samples above the drinking water standard of 0.1 µg L⁻¹. The concentration data are summarised as mean ± standard deviation, minimum and maximum observed concentration.

Pesticide	Detection (total/ >LOD/ > 0.1 µg L ⁻¹)			Concentrations (µg L ⁻¹) (mean±std (min-max))		
	P	E	W	P	E	W
Glyphosate	34/33/0	20/20/0	21/21/0	0.032 ± 0.018 (0.004-0.083)	0.031 ± 0.026 (0.005-0.093)	0.029 ± 0.030 (0.006-0.10)
Metobromuron	27/27/27	4/4/4	6/6/6	0.215 ± 0.082 (0.10-0.40)	0.200 ± 0.141 (0.10-0.40)	0.733 ± 0.647 (0.20-1.70)
Pendimethalin	258/107/0	129/42/0	245/122/5	0.010 ± 0.015 (<0.002-0.07)	0.005 ± 0.004 (<0.002-0.02)	0.018 ± 0.032 (<0.002-0.28)
Prosulfocarb	67/55/14	6/3/1	6/6/3	0.098 ± 0.224 (<0.002-1.01)	0.047 ± 0.104 (<0.002-0.26)	0.318 ± 0.486 (<0.002-1.25)
Ethoprophos	181/137/15	105/36/5	101/56/11	0.032 ± 0.046 (<0.002-0.27)	0.014 ± 0.041 (<0.002-0.24)	0.072 ± 0.277 (<0.002-2.43)