S1 Table. Environmental variables measured during nutrient diffusing substrate experiments at Little Beaver Creek, CO. Multiple measurements are recorded as mean ± standard deviation. Several nutrient measurements were below detection. pH was not measured during experiment 3 because of an instrument malfunction.

Expt	Expt Dates	Temp (°C) pH		Cond (µS cm ⁻¹)	SRP-Р (µg L ⁻¹)	NO3-N (µg L-1)	NO ₃ -N Discharge Velocity $(\mu g L-1) (m^3 \sec^{-1}) (cm \sec^{-1})$	Velocity (cm sec ⁻¹)
1	July 29 – Aug 14, 2016	ug 14, 2016 11.55 ± 1.91 7.79		43.52 ± 2.05 <1	<1	<10	0.13	45.12 ± 15.33
2	Aug 24 – Sept 7, 2016 10.05 ± 1.77 8.1 ± 0.28 46.22 ± 2.47 1.67 ± 0.97 <10	10.05 ± 1.77	8.1 ± 0.28	46.22 ± 2.47	1.67 ± 0.97		20.0	49.07 ± 8.54
3	July 17 – Aug 5, 2017 11.7	11.7	1	30.51	2.27 ± 2.11 <10	<10	0.4	49.31 ±13.3