

Supplementary material

Fish injury and mortality at pumping stations: a comparison of conventional and fish-friendly pumps

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Table S1. Abiotic parameters measured at the different test sites

Parameters were averaged for each pump type. rpm, revolution per minute; HPP500, Halberg PP500; HRANA, Halberg RANA 07001; Köster, Köster VPH 800; Pentair, Pentair VPFR 1–600.201; Thyssen, Thyssen PV700/1/645

Pump type	rpm	Oxygen content (mg L ⁻¹)	Temperature (°C)	pH	Electrical conductivity (μS cm ⁻¹)
HPP500	720	9.26	5.50	7.83	965
HPP500	950	7.97	5.70	7.93	895
HRANA	370	7.98	5.80	7.76	899
HRANA	740	7.97	5.70	7.93	895
Köster	297	8.54	8.00	8.32	766
Köster	594	8.59	8.02	8.18	762
Pentair	495	8.91	8.31	8.14	722
Thyssen	370	5.23	12.78	7.58	441
Thyssen	740	6.38	13.03	7.65	490