Supplement for

Technical Note on high-frequency, multi-elemental stream water monitoring: experiences, feedbacks and suggestions from seven years of running three French field laboratories (Riverlabs)

By

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Figure SI 1: State of the submersible pump after running for five months during the high flow, winter period at the Naizin catchment. Deposition of primarily organic material within the hydraulic parts of the pump and strong wear of the mechanics can be seen.

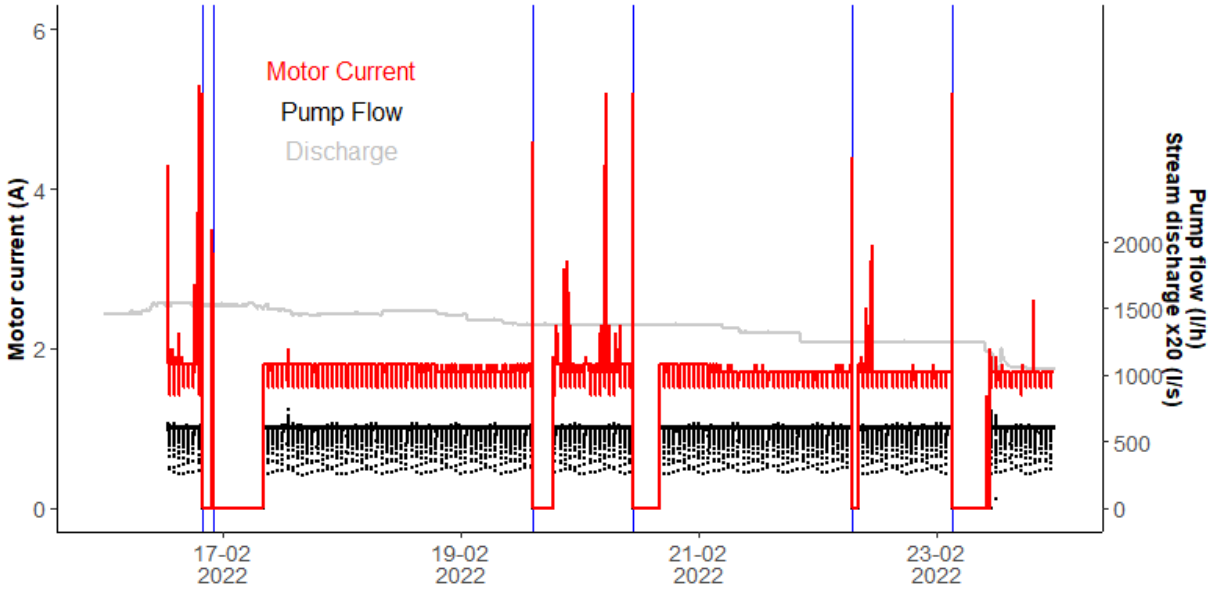

Figure SI 2: Motor current (as output from variable frequency drive) measured every second (red), pump flow (black) and stream discharge (grey) at the Naizin catchment. Blue bars indicate moments when the pump was stopped by the variable frequency drive due to motor overload. This is an example of some irregular pump failures during baseflow conditions.