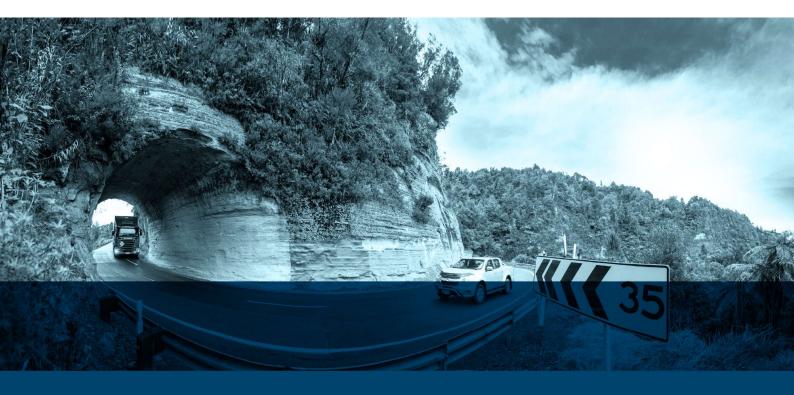




Rainfall Trigger Event Stream Sampling Results

Event: 27 January 2023





Te Ara o Te Ata

Mt Messenger Bypass

Rainfall Trigger Event Stream Sampling Results

These results relate to the trigger rainfall event on 27th January 2023. Samples were safe to collect on 30th January 2023, sent to Hill's Lab and results were received 9th February 2023.

Table 1: Gooseneck sample results

Sample Name	Turbidity (NTU)	рН	TSS (g/m3)
WQ4L	1,540	6.7	2,950
WQ5L	109	6.8	202
Trigger* Exceeded?	No, 93% decrease	No, 1% increase	-
WQ4H	493	6.9	1,750
WQ5H	137	6.9	250
Trigger* Exceeded?	No, 72% decrease	No	-

*For Stream Sampling, a difference of more than 20% in turbidity or pH from the control at the following locations (wider receiving environment trigger):

• WQ5 (south discharge) > WQ4 (south control) x 1.2

