



Rainfall Trigger Event Stream Sampling Results

Event: 10 March 2023

Click or tap here to enter the author.

Click or tap here to enter the Report Number.





Te Ara o Te Ata

Mt Messenger Bypass

Rainfall Trigger Event Stream Sampling Results

These results relate to the trigger rainfall event on 10 March 2023. Samples were collected on 16th March. Results were received 23rd March.

Table 1: Gooseneck sample results

Sample Name	Turbidity (NTU)	рН	TSS (g/m3)
WQ4L	333	6.7	5,040
WQ5L	248	6.6	3,460
Trigger* Exceeded?	No, 26% decrease	No	-
WQ4H	314	6.5	1,500
WQ5H	403	6.8	1,160
Trigger* Exceeded?	Yes, 28% increase **	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

**There were no uncontrolled discharges from our site during this event so this exceedance is unrelated to the Project

