



# Rainfall Trigger Event Stream Sampling Results

Event: 01 February 2023

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# Rainfall Trigger Event Stream Sampling Results

These results relate to the trigger rainfall event on 01 February 2023. Samples were collected on 10<sup>th</sup> February and sent to Hill's Lab on 14<sup>th</sup> February. Results were received 21<sup>th</sup> January 2023.

**Table 1: Gooseneck sample results**

Sample Name	Turbidity (NTU)	pH	TSS (g/m3)
WQ4L	717	6.7	1,640
WQ5L	1,410	6.5	4,920
Trigger* Exceeded?	Yes, 96% increase	No, 3% decrease	-
WQ4H	N/A**	N/A**	N/A **
WQ5H	N/A**	N/A**	N/A **
Trigger* Exceeded?	N/A	N/A	-

\*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

\*\* Only the low (L) samples were filled during this event.

## Further comments

The trigger has been exceeded however, the turbidity graph shows no evidence of excessively high turbidity readings during the event and there were no uncontrolled discharges from our site. This very high readings may be caused by the slumping/eroding bank near the sampling site.



# Te Ara o Te Ata

WAKA KOTAHI  
NZ TRANSPORT  
AGENCY

Mt Messenger Bypass



