



Trigger Inspection Report

This report summarises the monitoring required under Consent Condition SED.11(b) and relevant Project Management Plans.

Event Summary

Trigger exceeded: 25mm rain over 24 hours

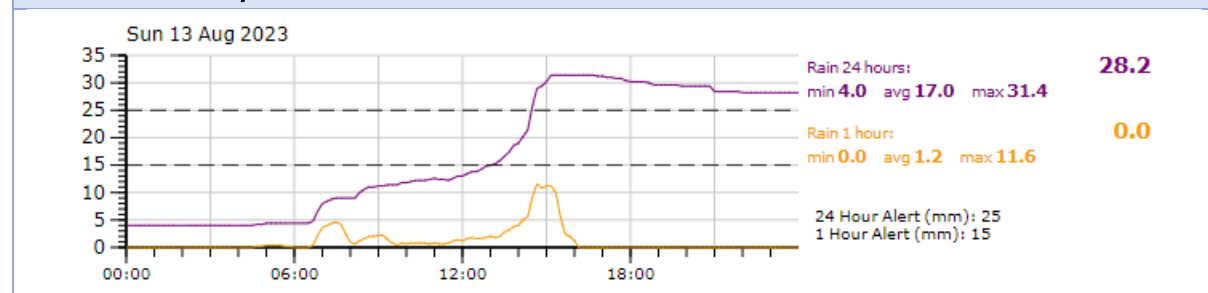
Date	13/08/2023	Time	2:30pm
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Trigger exceeded: >50 NTU

Date	13/08/2023 (Mimi) 13/08/2023 (Mangapepeke)	Time	3:35pm 2:40pm
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NTU Exceeded at: Downstream Mimi Downstream Mangapepeke

Rainfall Summary



Visual Inspection

SED.11 b (i)

Area	Comments
Mimi Stream	No concerns
Mangapepeke Stream	No concerns
SRP-1	No concerns
SCY-SRP	No concerns
SRP4600E	No concerns
DEB4600E	Not discharging

Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.49	7.75	498	92.2	Yes
SCY-SRP	6.8	6.8	277	56.3	Yes
SRP4700E	7.53	7.25	740	50.3	Yes
DEB4660E	-	-	-	-	No



In-Stream Sampling (WQ1 - WQ5)

SED.11b (iii)

In-stream samples are collected at the earliest convenience, once water levels recede and it is safe to do so. Samples are analysed at an accredited third-party laboratory.

Location	NTU	TSS	pH
Mimi Upstream (WQ3)	184	520	6.8
Mimi Downstream (WQ5)	40	126	7
Mimi Control (WQ4)	1,060	8,700	6.8
Mangapepeke Upstream (WQ1)	1,230	3,600	6.5
Mangapepeke Downstream (WQ2b)	440	1,000	7.1

Sediment Deposition Monitoring

SED.11b (iv)

Sediment deposition data is collected once it is safe to do so. All measurements are in mm. Data collected on 15/08/2023

	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	925	-5	-19
ST1(2)	928	930	16	-2
ST1(3)	923	905	13	18
ST1(4)	926	905	9	21
ST1(5)	900	915	2	-15
ST1 (ave)	917	916	7	1
ST2(1)	1160	1150	30	10
ST2(2)	1190	1180	-11	10
ST2(3)	1295	1265	14	30
ST2(4)	1323	1300	11	23
ST2(5)	1290	1285	-5	5
ST2(ave)	1252	1236	8	16
ST3(1)	1133	1130	-2	3
ST3(2)	1090	1065	9	25
ST3(3)	1131	1140	3	-9
ST3(4)	1142	1120	0	22
ST3(5)	1100	1100	12	0
ST3(6)	1222	1230	13	-8
ST3(7)	1380	1380	9	0
ST3(ave)	1171	1166	6	5
ST4(1)	1240	1234	-1	6
ST4(2)	1272	1265	-5	7
ST4(3)	1204	1018	-18	186
ST4(4)	1342	1325	0	17
ST4(5)	1280	1200	30	80
ST4(6)	1243	1200	70	43
ST4(ave)	1264	1207	13	57
ST5(1)	965	945	5	20
ST5(2)	979	925	-1	54
ST5(3)	1100	1085	-1	15
ST5(4)	1360	1355	0	5
ST5(5)	1223	1175	-2	48
ST5(6)	1391	1370	5	21
ST5(ave)	1170	1143	1	27

Note: Baseline measurements were taken on 8/11/22



Te Ara o Te Ata

WAKA KOTAHĪ
MŌHIOKAI
KŌHĪ

Mt Messenger Bypass