



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 over 24-hours

03/03/2024 (8:35AM) & 04/03/2024 (2:55PM)

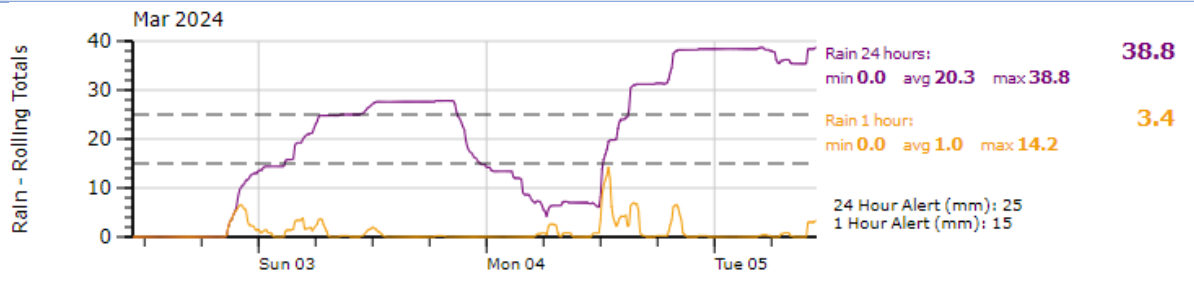
Note: 70.2mm rain in total over 48 hours

Trigger exceeded: >50 NTU

Mangapepeke: 3/03/2024 (3:15AM, 6:20AM) & 4/03/2024 (12:25AM, 9:20PM)

Mimi: 4/03/2024 (2:15PM)

Rainfall Graph



Visual Inspection

SED.11 b (i)

Area	Comments
Mimi Stream	As expected for the rainfall
Mangapepeke Stream	As expected for the rainfall
SRP-1	No concerns
SRP-6D	No concerns
SCY-SRP	Pond not discharging due to Mimi River level
SRP4600E	No concerns
DEB-F14	No concerns
DEB-F13-1	No concerns
DEB 4390	No concerns
DEB-F12-1	Pond not discharging

Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	8.21	7.39	684	79.7	Yes
SCY-SRP	7.17	7.18	193	42	Yes
SRP-6D	7.78	7.61	85.5	20.8	No
SRP4700E	7.3	7.4	58.9	15.91	Yes
DEB-F14	6.68	7.04	499	11.7	Yes
DEB 3940	7.9	7.59	999	45.8	Yes
DEB-F13-1	7.4	7.48	512	83.5	Yes
DEB-F12-1	7	6.92	>999	217	No



In-Stream Sampling (WQ1 – WQ5)

SED.11 b (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 (g/m ³)	pH
WQ3 Mimi Upstream	141	380	7.0
WQ4 Mimi Control	420	1,540	7.2
WQ5 Mimi Downstream	440	1,480	7.1
WQ1 Mangapepeke Upstream	135	560	7.2
WQ2b Mangapepeke Downstream	290	520	6.8

Sediment Deposition Monitoring

SED.11 b (iv)

Sediment deposition data is collected once it is safe to do so. All measurements are in mm. Data collected on 5/03/2024

Measured 05/03/2024	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	938	1	-32
ST1(2)	928	891	28	37
ST1(3)	923	904	-19	19
ST1(4)	926	923	15	3
ST1(5)	900	937	2	-37
ST1 (ave)	917	919	5	-2
ST2(1)	1160	1152	-20	8
ST2(2)	1190	1180	-7	10
ST2(3)	1295	1264	7	31
ST2(4)	1323	1310	-3	13
ST2(5)	1290	1295	-18	-5
ST2(ave)	1252	1240	-8	11
ST3(1)	1133	1127	-5	6
ST3(2)	1090	1045	-4	45
ST3(3)	1131	1154	-12	-23
ST3(4)	1142	1124	2	18
ST3(5)	1100	1101	-1	-1
ST3(6)	1222	1236	-27	-14
ST3(7)	1380	1385	0	-5
ST3(ave)	1171	1167	-7	4
ST4(1)	1240	1228	-1	12
ST4(2)	1272	1252	-2	20
ST4(3)	1204	1165	8	39
ST4(4)	1342	1325	-5	17
ST4(5)	1280	1231	2	49
ST4(6)	1243	1230	-3	13
ST4(ave)	1264	1239	0	25
ST5(1)	965	934	-12	31
ST5(2)	979	927	-5	52
ST5(3)	1100	1062	12	38
ST5(4)	1360	1345	-35	15
ST5(5)	1223	1164	6	59
ST5(6)	1391	1377	-12	14
ST5(ave)	1170	1135	-8	35



Te Ara o Te Ata

WAKA KOTAHĪ
Māori Language Development
Mt Messenger Bypass