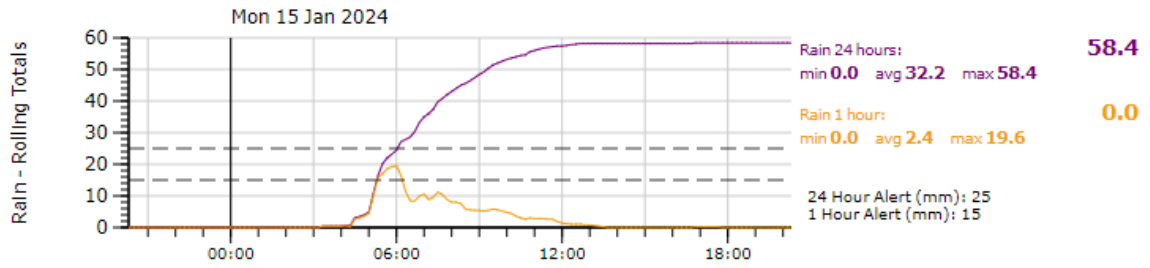
Trigger Inspection Report

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			
Date	15/01/2024	**Time**	6:10am
Trigger exceeded: 15mm over 1-hour			
Date	15/01/2024	**Time**	5:20am
Trigger exceeded: >50 NTU			
Mimi: 15/01/2024, 6:35am		**Mangapepeke:** NTU data not available	

Rainfall Graph



Visual Inspection

SED.11b (i)

Area	Comments
Mimi Stream	As expected for the event
Mangapepeke Stream	As expected for the event
SRP-1	Pond batch dosed
SRP-6D	No concerns
SCY-SRP	No concerns
SRP4600E	No concerns
DEB-F14	No concerns

Manual Sampling: ESC Devices

SED.11b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.63	7.76	926	250	Yes
SRP-6D	7.47	7.31	150	27.6	Yes
SCY-SRP	6.78	6.8	486	43.9	Yes
SRP4700E	7.44	7.51	838	81.9	Yes
DEB-F14	7.31	7.08	365	63.6	Yes

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 (g/m³)	pH
WQ3 Mimi Upstream	188	550	7.1
WQ5 Mimi Downstream	195	640	7.1
WQ4 Mimi Control	370	1620	7.1
WQ1 Mangapepeke Upstream	–	–	–
WQ2b Mangapepeke Downstream	150	330	6.8

Comments

WQ1 (Mangapepeke Upstream) sampler damaged, no data available for this event.

Sediment Deposition Monitoring

SED.11b (iv)

Sediment deposition data is collected once it is safe to do so. All measurements are in mm. Data measured on 17/01/2024.

Measured 17/01/2023	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	936	-32	-30
ST1(2)	928	930	5	-2
ST1(3)	923	904	1	19
ST1(4)	926	923	6	3
ST1(5)	900	931	-3	-31
ST1 (ave)	917	925	-5	-8
ST2(1)	1160	1156	-2	4
ST2(2)	1190	1189	-5	1
ST2(3)	1295	1274	-6	21
ST2(4)	1323	1310	-1	13
ST2(5)	1290	1290	1	0
ST2(ave)	1252	1244	-3	8
ST3(1)	1133	1133	0	0
ST3(2)	1090	1058	-4	32
ST3(3)	1131	1155	-101	-24
ST3(4)	1142	1134	-3	8
ST3(5)	1100	1114	-1	-14
ST3(6)	1222	1240	1	-18
ST3(7)	1380	1383	-1	-3
ST3(ave)	1171	1174	-21	-10
ST4(1)	1240	1235	12	5
ST4(2)	1272	1254	23	18
ST4(3)	1204	1189	-3	15
ST4(4)	1342	1330	14	12
ST4(5)	1280	1244	-14	36
ST4(6)	1243	1235	22	8
ST4(ave)	1264	1248	8	18
ST5(1)	965	945	-2	20
ST5(2)	979	939	-4	40
ST5(3)	1100	1065	-8	35
ST5(4)	1360	1345	0	15
ST5(5)	1223	1176	0	47
ST5(6)	1391	1377	-3	14
ST5(ave)	1170	1141	-3	30