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

17/12/2023, 11:30pm

Trigger exceeded: 15mm over 1-hour

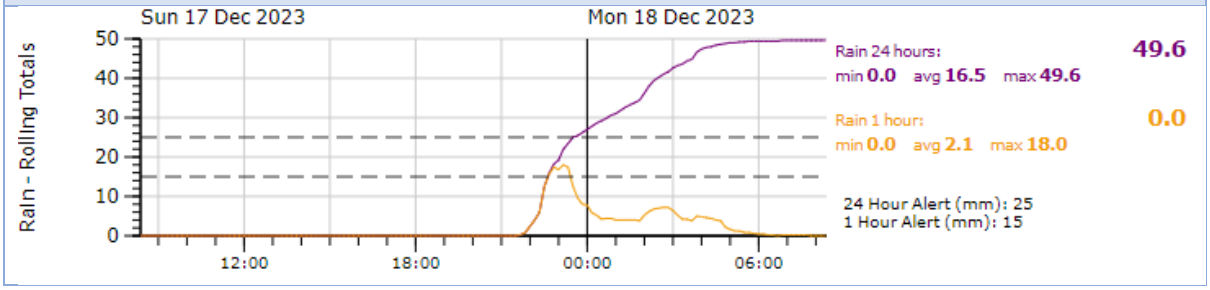
17/12/2023, 10:40pm

Trigger exceeded: >50 NTU

Mimi: 17/12/2023 11:20pm.

Mangapepeke: 18/12/2023 12:30am

Rainfall Graph



Visual Inspection

SED.11b (i)

Area	Comments
Mimi Stream	As expected, stream level high
Mangapepeke Stream	As expected, stream level high
SRP-1	No concerns, pond is discharging
SRP-6D	No concerns, pond is discharging
SCY-SRP	No concerns, pond is discharging
SRP4600E	No concerns, pond is discharging
DEB-F14	No concerns, pond is discharging

Manual Sampling: ESC Devices

SED.11b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.57	7.41	23.1	40.6	Yes
SRP-6D	7.51	7.52	14.18	35.0	Yes
SCY-SRP	7.79	7.73	19.9	19.6	Yes
SRP4700E	8.47	7.54	220	14.2	Yes
DEB-F14	7.82	7.84	14.76	7.79	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	pH	TSS (g/m³)
WQ3 Mimi Upstream	126	6.7	270
WQ4 Mimi Control	320	6.9	930
WQ5 Mimi Downstream	200	6.9	510
WQ1 Mangapepeke Upstream	560	6.6	1,570
WQ2b Mangapepeke Downstream	68	7.0	133

Comments

No management thresholds have been exceeded

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 **19/12/2023**

Measured 19/12/2023	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	935	-9	-29
ST1(2)	928	930	-6	-2
ST1(3)	923	900	93	23
ST1(4)	926	990	3	-64
ST1(5)	900	921	-8	-21
ST1 (ave)	917	935	15	-19
ST2(1)	1160	1154	-8	6
ST2(2)	1190	1181	-4	9
ST2(3)	1295	1264	-6	31
ST2(4)	1323	1305	-5	18
ST2(5)	1290	1291	-9	-1
ST2(ave)	1252	1239	-6	13
ST3(1)	1133	1131	-7	2
ST3(2)	1090	1056	-5	34
ST3(3)	1131	1148	-6	-17
ST3(4)	1142	1124	-5	18
ST3(5)	1100	1103	-4	-3
ST3(6)	1222	1232	-7	-10
ST3(7)	1380	1377	-7	3
ST3(ave)	1171	1167	-6	-2
ST4(1)	1240	1236	-7	4
ST4(2)	1272	1239	3	33
ST4(3)	1204	1087	92	117
ST4(4)	1342	1333	-13	9
ST4(5)	1280	1272	-73	8
ST4(6)	1243	1095	97	148
ST4(ave)	1264	1210	21	63
ST5(1)	965	950	-6	15
ST5(2)	979	933	3	46
ST5(3)	1100	1065	-4	35
ST5(4)	1360	1290	-260	70
ST5(5)	1223	1171	-11	52
ST5(6)	1391	1340	25	51
ST5(ave)	1170	1125	-49	51