



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

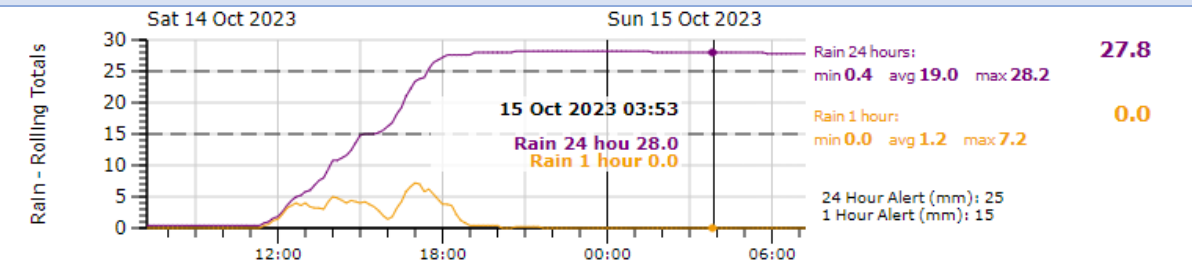
Date	14/10/2023	Time	5:30pm
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Trigger exceeded: >50 NTU

Mimi	14/10/2023 (8:25pm)
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Mangapepeke	14/10/2023 (11:50pm) and 15/10/2023 (1:35am)
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Rainfall Graph



Visual Inspection

SED.11 b (i)

Area	Comments
Mimi Stream	No concerns
Mangapepeke Stream	No concerns, CM3 monitor to be checked and cleared
SRP-1	No concerns
SCY-SRP	No concerns, decants lifted for pumping
SRP4600E	No concerns

Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	NTU		pH		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	20.7	13.08	8.02	8.17	Yes
SCY-SRP	268	4.97	7.90	7.98	No
SRP4700E	119	6.80	8.07	7.85	Yes

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	pH	TSS (g/m3)
WQ5 Mimi Downstream	101	7.1	181
WQ4 Mimi Control	159	7.1	910
WQ3 Mimi Upstream	74	7.1	240
WQ2b Mangapepeke Downstream	28	7.3	36
WQ1 Mangapepeke Upstream	173	7.2	850



Comments

In-stream management thresholds were not exceeded for the Mimi or Mangapepeke catchments

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 16/10/2023

Measured 16/10/2023	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	937	5	-31
ST1(2)	928	935	-22	-7
ST1(3)	923	884	30	39
ST1(4)	926	913	39	13
ST1(5)	900	925	9	-25
ST1(ave)	917	919	12	-2
ST2(1)	1160	1153	3	7
ST2(2)	1190	1190	-1	0
ST2(3)	1295	1267	-1	28
ST2(4)	1323	1138	172	185
ST2(5)	1290	1294	1	-4
ST2(ave)	1252	1208	35	43
ST3(1)	1133	1133	1	0
ST3(2)	1090	1159	-97	-69
ST3(3)	1131	1147	2	-16
ST3(4)	1142	1128	0	14
ST3(5)	1100	1108	1	-8
ST3(6)	1222	1231	4	-9
ST3(7)	1380	1382	3	-2
ST3(ave)	1171	1184	-12	-13
ST4(1)	1240	1236	-4	4
ST4(2)	1272	1252	12	20
ST4(3)	1204	1165	117	39
ST4(4)	1342	1323	3	19
ST4(5)	1280	1249	13	31
ST4(6)	1243	1237	-3	6
ST4(ave)	1264	1244	23	20
ST5(1)	965	952	0	13
ST5(2)	979	939	-9	40
ST5(3)	1100	1175	-83	-75
ST5(4)	1360	1374	-3	-14
ST5(5)	1223	1189	-167	34
ST5(6)	1391	1378	-40	13
ST5(ave)	1170	1168	-50	2