



# 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

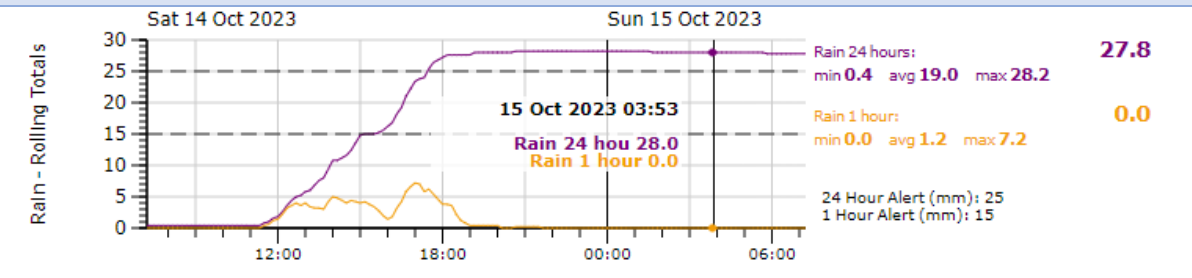
Date	14/10/2023	Time	5:30pm
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Trigger exceeded: >50 NTU

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