



# 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 7/10/2023

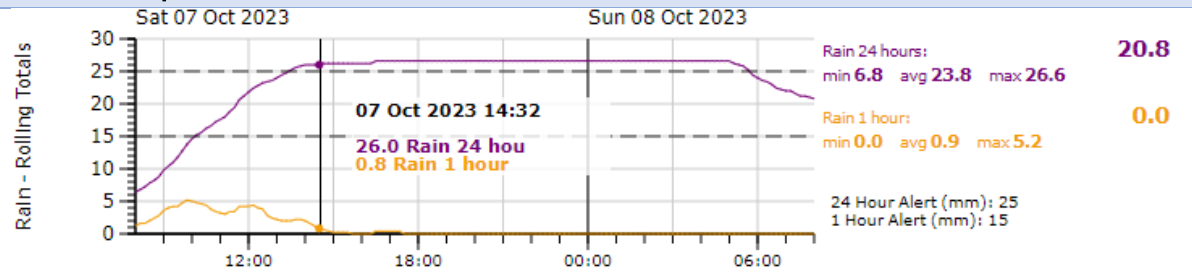
Time 1:30pm

Trigger exceeded: >50 NTU

Date 7/10/2023

Time 11:45am, 12:05pm

## Rainfall Graph



## Visual Inspection

SED.11 b (i)

Area	Comments
Mimi Stream	No concerns
Mangapepeke Stream	No concerns
SRP-1	No concerns
SCY-SRP	No concerns, decant lifted for pumping works
SRP4600E	No concerns, forebay to be mucked out today

## Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.97	7.92	11.64	28.9	No
SCY-SRP	8.36	8.13	7.72	1.31	No
SRP4700E	8.10	7.89	75.5	16.88	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	TSS (g/m <sup>3</sup> )	pH
WQ1 Mangapepeke Upstream	37	7.1	150
WQ2b Mangapepeke Downstream	35	7.0	59
WQ3 Mimi Upstream	53	7.0	173
WQ4 Mimi Control	128	7.0	510
WQ5 Mimi Downstream	99	7.0	340



Sediment Deposition Monitoring

SED.11b (iv)

Sediment deposition data is collected once it is safe to do so. All measurements are in mm.

Measured 09/10/2023	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	942	-7	-36
ST1(2)	928	913	42	15
ST1(3)	923	914	-3	9
ST1(4)	926	952	-42	-26
ST1(5)	900	934	1	-34
ST1 (ave)	917	931	-2	-14
ST2(1)	1160	1290	-130	-130
ST2(2)	1190	1320	-130	-130
ST2(3)	1295	1282	1	13
ST2(4)	1323	1186	114	137
ST2(5)	1290	1154	136	136
ST2(ave)	1252	1246	-2	5
ST3(1)	1133	1392	-261	-259
ST3(2)	1090	1238	-168	-148
ST3(3)	1131	1112	39	19
ST3(4)	1142	1124	8	18
ST3(5)	1100	1152	-37	-52
ST3(6)	1222	1062	178	160
ST3(7)	1380	1130	251	250
ST3(ave)	1171	1173	1	-2
ST4(1)	1240	1232	-1	8
ST4(2)	1272	1264	-4	8
ST4(3)	1204	1282	-92	-78
ST4(4)	1342	1326	-11	16
ST4(5)	1280	1262	-40	18
ST4(6)	1243	1234	-32	9
ST4(ave)	1264	1267	-30	-3
ST5(1)	965	952	-2	13
ST5(2)	979	930	0	49
ST5(3)	1100	1092	-10	8
ST5(4)	1360	1371	-8	-11
ST5(5)	1223	1022	153	201
ST5(6)	1391	1338	43	53
ST5(ave)	1170	1118	29	52

Note: Baseline measurements were taken on 8/11/22

Data collected on 9/10/2023

