



# 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	24/12/2023	Time	10:00am
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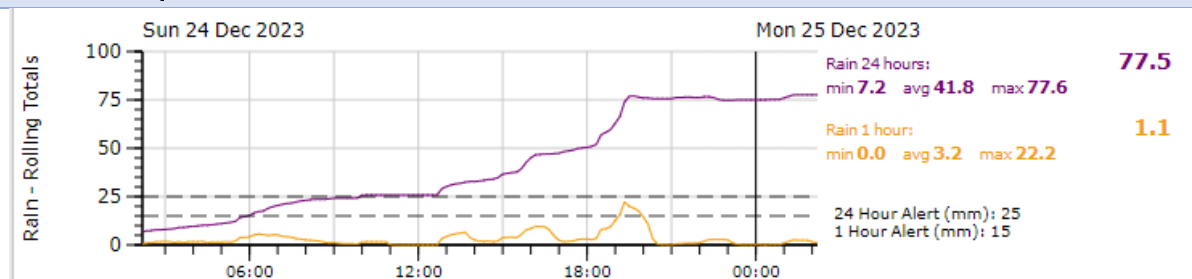
Trigger exceeded: 15mm over 1-hour

Date	24/12/2023	Time	7:20pm
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Trigger exceeded: >50 NTU

Mimi: 5:20pm	Mangapepeke: 6:05am, 6:05pm & 7:10pm
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## Rainfall Graph



## Visual Inspection

SED.11 b (i)

Area	Comments
Mimi Stream	Stream level very high, as expected
Mangapepeke Stream	Stream level very high, as expected
SRP-1	No concerns
SRP-6D	No concerns
SCY-SRP	Decant blocked with debris, this was cleared. No concerned.
SRP4600E	No concerns
DEB4600E	No concerns

## Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.67	7.72	60.7	52.4	Yes
SRP-6D	7.53	7.79	17.1	34.1	Yes
SCY-SRP	8.68	8.39	31.3	4.82	Yes
SRP4700E	7.72	7.82	55.3	40.7	Yes
DEB4660E	7.82	7.79	10.04	7.16	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/m <sup>3</sup> )
WQ3 Mimi Upstream	117	6.7	450
WQ4 Mimi Control	370	6.8	940
WQ5 Mimi Downstream	230	6.7	710
WQ1 Mangapepeke Upstream	240	6.9	570
WQ2b Mangapepeke Downstream	85	6.8	320

**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 27/12/2023.

	Measured 27/12/2023	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	906	935	0	-29
ST1(2)	928	928	930	0	-2
ST1(3)	923	923	900	-5	18
ST1(4)	926	926	990	90	26
ST1(5)	900	900	921	-28	-49
ST1 (ave)	917	917	935	11	-7
ST2(1)	1160	1160	1154	-1	5
ST2(2)	1190	1190	1181	9	18
ST2(3)	1295	1295	1264	-16	15
ST2(4)	1323	1323	1305	-6	12
ST2(5)	1290	1290	1291	1	0
ST2(ave)	1252	1252	1239	-3	10
ST3(1)	1133	1133	1131	71	73
ST3(2)	1090	1090	1056	-69	-35
ST3(3)	1131	1131	1148	-12	-29
ST3(4)	1142	1142	1124	-4	14
ST3(5)	1100	1100	1103	-7	-10
ST3(6)	1222	1222	1232	-10	-20
ST3(7)	1380	1380	1377	-16	-13
ST3(ave)	1171	1171	1167	-10	-12
ST4(1)	1240	1240	1236	6	10
ST4(2)	1272	1272	1239	-24	9
ST4(3)	1204	1204	1087	-110	7
ST4(4)	1342	1342	1333	-2	7
ST4(5)	1280	1280	1272	2	10
ST4(6)	1243	1243	1095	-135	13
ST4(ave)	1264	1264	1210	-54	9
ST5(1)	965	965	950	6	21
ST5(2)	979	979	933	13	59
ST5(3)	1100	1100	1065	-4	31
ST5(4)	1360	1360	1290	-62	8
ST5(5)	1223	1223	1171	-19	33
ST5(6)	1391	1391	1340	-30	21
ST5(ave)	1170	1170	1125	-20	30