



# 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	20/05/2023	Time	2:15PM
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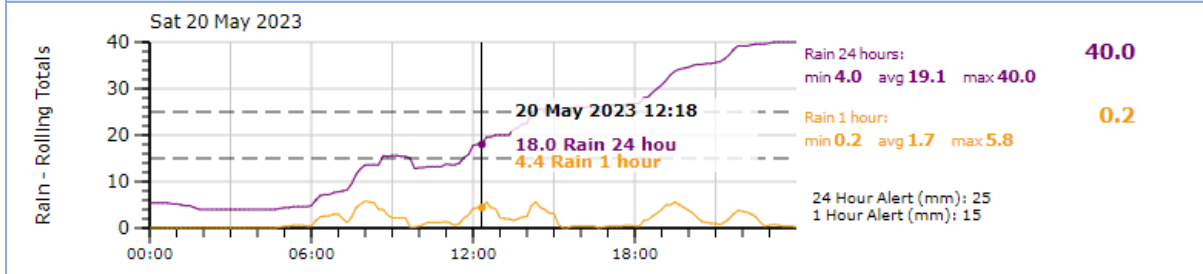
Trigger exceeded: >50 NTU

Date	Mimi: 20/05/2023	Time	3:35pm
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Date	Mangapepeke: 20/05/2023	Time	2:20pm
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NTU Exceeded at:  Downstream Mimi  Downstream Mangapepeke

## Rainfall Summary



## Visual Inspection

SED.11b (i)

Area	Comments
Mimi Stream	Area inspected, no concerns
Mangapepeke Stream	Not inspected due to limited access. No bulk earthworks in the catchment area
SRP-1	Area inspected, no concerns
SCY-SRP	Area inspected, no concerns
SRP4600E	Area inspected, no concerns
DEB4600E	Area inspected, no concerns



## Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.71	7.65	274	53.3	Yes
SCY-SRP	8.08	7.97	44.1	19.3	Yes
SRP4700E	7.97	8.12	176	96.6	Yes
DEB4660E	-	-	-	-	No

## 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
<b>WQ3</b> Mimi Upstream	-	-	-
<b>WQ5</b> Mimi Downstream	313	1,390	6.9
<b>WQ4</b> Mimi Control	749	1,670	6.8
<b>WQ1</b> Mangapepeke Upstream	1.11	10	6.9
<b>WQ2b</b> Mangapepeke Downstream	141	280	6.9

## Comments

Note: WQ3 bottle did not fill during event

TSS at WQ4 and WQ5 was just above the upper limit of the testing method. As the sample dried OK, the upper limit was extended to allow a numeric result to be reported.



Sediment Deposition Monitoring

SED.11b (iv)

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

	Baseline	Stake top to ground level	Variation from previous	Variation from baseline (+ or -)
ST1(1)	906	910	0	-4
ST1(2)	928	930	20	-2
ST1(3)	923	900	10	23
ST1(4)	926	930	20	-4
ST1(5)	900	920	20	-20
ST1 (ave)	917		14	-1
ST2(1)	1160	1150	10	10
ST2(2)	1190	1160	10	30
ST2(3)	1295	1270	10	25
ST2(4)	1323	1290	20	33
ST2(5)	1290	1300	-20	-10
ST2(ave)	1252		6	18
ST3(1)	1133	1130	0	3
ST3(2)	1090	1060	10	30
ST3(3)	1131	1140	10	-9
ST3(4)	1142	1110	10	32
ST3(5)	1100	1100	10	0
ST3(6)	1222	1220	20	2
ST3(7)	1380	1380	20	0
ST3(ave)	1171		14	8
ST4(1)	1240	1230	10	10
ST4(2)	1272	1260	0	12
ST4(3)	1204	1190	10	14
ST4(4)	1342	1340	20	2
ST4(5)	1280	1270	10	10
ST4(6)	1243	1240	0	3
ST4(ave)	1264		8	9
ST5(1)	965	940	10	25
ST5(2)	979	930	20	49
ST5(3)	1100	1090	10	10
ST5(4)	1360	1360	20	0
ST5(5)	1223	1200	20	23
ST5(6)	1391	1370	10	21
ST5(ave)	1170		16	21

Data collected on 22/05/2023.