



# 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	3-05-2023	Time	8:00pm
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Trigger exceeded: 15mm over 1-hour

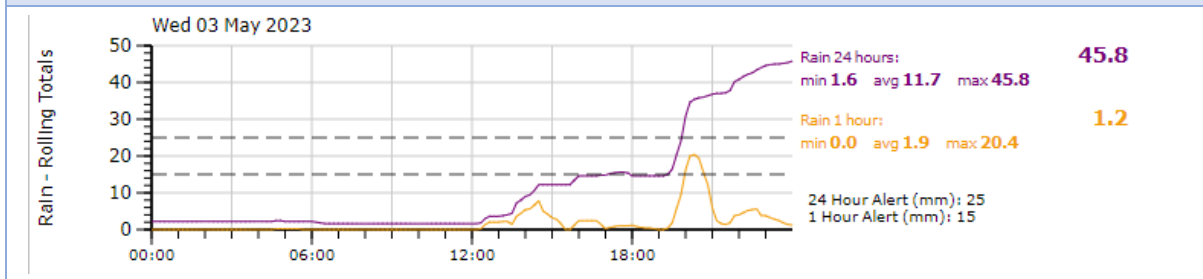
Date	3-05-2023	Time	8:00pm
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Trigger exceeded: >50 NTU

Date	3-05-2023	Time	8:05pm
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NTU Exceeded at:  Downstream Mimi

## Rainfall Summary



## Visual Inspection

SED.11b (i)

Area	Comments
Mimi Stream	Visual inspection, no concerns
Mangapepeke Stream	Visual inspection, no concerns
SRP-1	Visual inspection: decants blocked, remedial action needed.
SCY-SRP	Visual inspection, no concerns
SRP4600E	Visual inspection, no concerns
DEB4600E	Visual inspection, no concerns



## Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	6.84	6.77	880	79.4	Yes
SCY-SRP	6.9	6.6	118	13.16	Yes
SRP4700E	7.0	6.9	510	78.7	Yes
DEB4660E	6.8	7.1	177	125	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
WQ4 – Mimi Control	1,630	433	6.7
WQ5 – Mimi Downstream	508	2,210	6.9
WQ1 – Fill 12 Upstream	81.4	148	7.0
Fill 12 Downstream	88.9	142	7.0

## Comments

Note: Fill 12 downstream taken near construction site in lieu of WQ2b



**Sediment Deposition Monitoring**

SED.1.1 b (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	920	30	-14
ST1(2)	928	970	-30	-42
ST1(3)	923	920	-10	3
ST1(4)	926	950	-30	-24
ST1(5)	900	940	0	-40
ST1 (ave)	917	940	-8	-23.4
ST2(1)	1160	1150	20	10
ST2(2)	1190	1170	0	20
ST2(3)	1295	1290	0	5
ST2(4)	1323	1320	0	3
ST2(5)	1290	1300	-10	-10
ST2(ave)	1252	1246	2	5.6
ST3(1)	1133	1130	-10	3
ST3(2)	1090	1070	0	20
ST3(3)	1131	1150	-10	-19
ST3(4)	1142	1120	0	22
ST3(5)	1100	1120	0	-20
ST3(6)	1222	1240	-10	-18
ST3(7)	1380	1380	0	0
ST3(ave)	1171	1172.86	-4	-1.71
ST4(1)	1240	1230	0	10
ST4(2)	1272	1260	0	12
ST4(3)	1204	1200	0	4
ST4(4)	1342	1350	-10	-8
ST4(5)	1280	1290	-20	-10
ST4(6)	1243	1260	10	-17
ST4(ave)	1264	1265	-4	-1.5
ST5(1)	965	950	0	15
ST5(2)	979	950	0	29
ST5(3)	1100	1090	0	10
ST5(4)	1360	1380	0	-20
ST5(5)	1223	1220	0	3
ST5(6)	1391	1370	10	21
ST5(ave)	1170	1392	2	9.67

Data collected on 5-05-2023