



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	1/07/2023	Time	10:20pm
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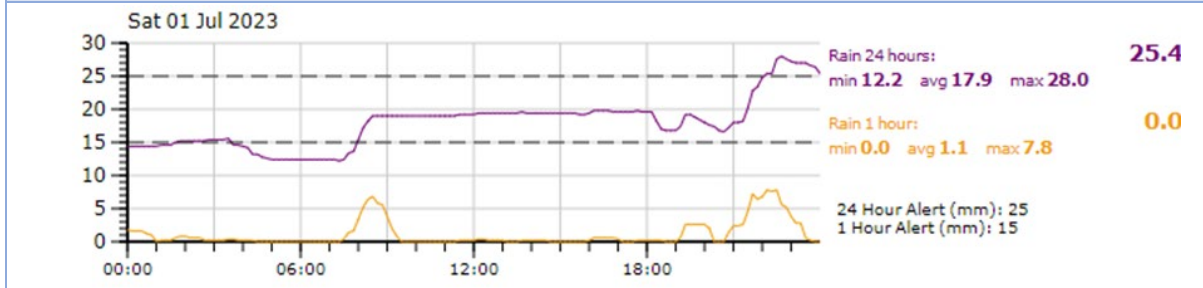
Trigger exceeded: >50 NTU

Date	1/07/2023 (Mimi)	Time	10:30pm
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Date	1/07/2023 (Mangapepeke)	Time	10:05pm
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NTU Exceeded at: Downstream Mimi Downstream Mangapepeke

Rainfall Summary



Visual Inspection

SED.11 b (i)

Area	Comments
Mimi Stream	Visual inspection, no concerns raised
Mangapepeke Stream	Not inspected due to CM3 (downstream Fill 12) monitor showing direct correlation with NTU upstream
SRP-1	Visual inspection, no concerns raised
SCY-SRP	Visual inspection, no concerns raised
SRP4600E	Visual inspection, no concerns raised
DEB4600E	Visual inspection, no concerns raised

Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	8.01	7.74	709	89	Yes
SCY-SRP	8.20	8.01	41.6	8.07	Yes
SRP4700E	7.98	7.94	341	33.5	Yes
DEB4660E	n/a	n/a	n/a	n/a	No



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	TSS (g/m ³)	pH
(WQ3) Mimi Upstream	46.6	77	7.0
(WQ5) Mimi Downstream	682	3,680	7.0
(WQ4) Mimi Control	236	1,160	6.9
(WQ1) Mangapepeke Upstream	44.1	150	7.1
(WQ2b) Mangapepeke Downstream	385	760	6.7

Comments

Management thresholds not exceeded in Mimi catchment.

Management threshold exceedance at downstream Mangapepeke is considered unrelated, as CM3 (downstream Fill 12) shows direct correlation with NTU upstream.



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	10	-14
ST1(2)	928	950	0	-22
ST1(3)	923	920	0	3
ST1(4)	926	950	-20	-24
ST1(5)	900	950	-10	-50
ST1 (ave)	917		-4	-21.4
ST2(1)	1160	1150	20	10
ST2(2)	1190	1170	20	20
ST2(3)	1295	1290	0	5
ST2(4)	1323	1320	0	3
ST2(5)	1290	1290	-10	0
ST2(ave)	1252		6	7.6
ST3(1)	1133	1130	0	3
ST3(2)	1090	1070	0	20
ST3(3)	1131	1150	0	-19
ST3(4)	1142	1130	-10	12
ST3(5)	1100	1130	-20	-30
ST3(6)	1222	1240	0	-18
ST3(7)	1380	1400	-10	-20
ST3(ave)	1171		-8	-7.4
ST4(1)	1240	1240	0	0
ST4(2)	1272	1270	0	2
ST4(3)	1204	1200	0	4
ST4(4)	1342	1360	-40	-18
ST4(5)	1280	1270	30	10
ST4(6)	1243	1260	-30	-17
ST4(ave)	1264		-8	-3.2
ST5(1)	965	960	-10	5
ST5(2)	979	940	-30	39
ST5(3)	1100	1100	-120	0
ST5(4)	1360	1370	-10	-10
ST5(5)	1223	1200	0	23
ST5(6)	1391	1380	0	11
ST5(ave)	1170		-32	11.3

Data collected on 3/07/2023