



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

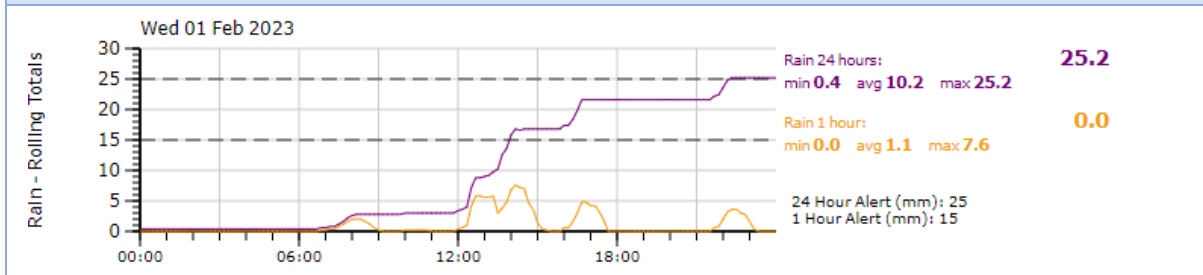
Date	1/02/2023	Time	10:20pm
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Trigger exceeded: >50 NTU

Date	1/02/2023	Time	4:55pm
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NTU Exceeded at: Downstream Mimi

Rainfall Summary



Visual Inspection

SED.11b (i)

Area	Comments
Mimi Stream	Inspected, no issues observed
Mangapepeke Stream	Not inspected - no bulk earthworks occurring in this catchment
SRP-1	Inspected, no issues observed
SCY-SRP	Inspected, no issues observed
SRP4600E	Inspected, no issues observed
DEB4600E	Inspected, no issues observed



Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.8	7.39	350	35.3	Yes
SCY-SRP	7.5	7.2	300	49.2	Yes
SRP4600E	6.76	7.68	152	41.5	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 ³)	pH
WQ4 - Mimi Control	717	1,640	6.7
WQ5 - Mimi Downstream	1,410	4,920	6.5

Comments

NTU management trigger has been exceeded, however the turbidity graph shows no evidence of excessively high turbidity readings during the rain event, and there were no uncontrolled discharges from our site. The high turbidity readings may be caused by the slumping or eroding of the bank near the sampling site.



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	900	0	6
ST1(2)	928	920	0	8
ST1(3)	923	889	11	34
ST1(4)	926	991	-71	-65
ST1(5)	900	920	10	-20
ST1 (ave)	917	924	-10	-7
ST2(1)	1160	1150	0	10
ST2(2)	1190	1160	10	30
ST2(3)	1295	1270	-10	25
ST2(4)	1323	1330	-30	-7
ST2(5)	1290	1280	-10	10
ST2(ave)	1252	1238	-8	14
ST3(1)	1133	1120	-9	13
ST3(2)	1090	1070	-10	20
ST3(3)	1131	1130	10	1
ST3(4)	1142	1111	0	31
ST3(5)	1100	1090	0	10
ST3(6)	1222	1222	0	0
ST3(7)	1380	1370	-20	10
ST3(ave)	1171	1159	-2	12
ST4(1)	1240	1222	0	18
ST4(2)	1272	1240	-10	32
ST4(3)	1204	1180	0	24
ST4(4)	1342	1300	0	42
ST4(5)	1280	1230	20	50
ST4(6)	1243	1210	12	33
ST4(ave)	1264	1230	4	33
ST5(1)	965	950	0	15
ST5(2)	979	940	10	39
ST5(3)	1100	1090	0	10
ST5(4)	1360	1350	10	10
ST5(5)	1223	1200	0	23
ST5(6)	1391	1370	0	21
ST5(ave)	1170	1380	4	20

Data collected on 7/02/2023.