



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

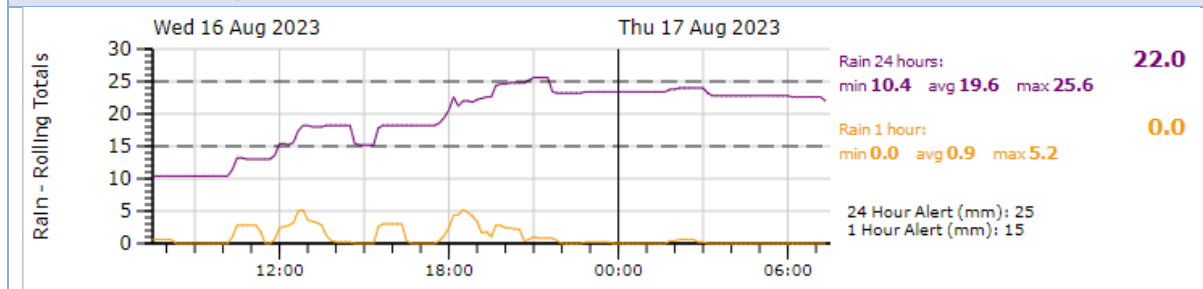
Date	16/08/2023	Time	8:50pm
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Trigger exceeded: >50 NTU

Date	16/8/2023	Time	6:10pm
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NTU Exceeded at: Downstream Mimi Downstream Mangapepeke

Rainfall Summary



Visual Inspection

SED.11 b (i)

Area	Comments
Mimi Stream	No concerns
Mangapepeke Stream	No concerns
SRP-1	SRP needs maintenance, due to be carried out 16/08/2023
SCY-SRP	No concerns
SRP4600E	No concerns
DEB4600E	Not discharging, no concerns

Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.5	7.33	7.14	196	No
SCY-SRP	7.18	7.10	59.0	31.3	Yes
SRP4600E	7.78	7.72	309	62.4	Yes
DEB4600E	-	-	-	-	No

In-Stream Sampling (WQ1 - WQ5)

SED.11 b (iii)

In-stream static samplers filled with the trigger event on 13/08/2023. Stream levels have not receded, therefore no in-stream static sampler data is available for this trigger event.



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 17/08/2023.

	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	930	-5	-24
ST1(2)	928	925	5	3
ST1(3)	923	913	-8	10
ST1(4)	926	899	6	27
ST1(5)	900	927	-12	-27
ST1 (ave)	917	919	-3	-2
ST2(1)	1160	1045	105	115
ST2(2)	1190	1182	-2	8
ST2(3)	1295	1262	3	33
ST2(4)	1323	1303	-3	20
ST2(5)	1290	1282	3	8
ST2(ave)	1252	1215	21	37
ST3(1)	1133	1133	-3	0
ST3(2)	1090	1062	3	28
ST3(3)	1131	1142	-2	-11
ST3(4)	1142	1123	-3	19
ST3(5)	1100	1104	-4	-4
ST3(6)	1222	1235	-5	-13
ST3(7)	1380	1379	1	1
ST3(ave)	1171	1168	-2	3
ST4(1)	1240	1229	5	11
ST4(2)	1272	1260	5	12
ST4(3)	1204	1184	-166	20
ST4(4)	1342	1304	21	38
ST4(5)	1280	1202	-2	78
ST4(6)	1243	1204	-4	39
ST4(ave)	1264	1231	-24	33
ST5(1)	965	940	5	25
ST5(2)	979	921	4	58
ST5(3)	1100	1084	1	16
ST5(4)	1360	1369	-14	-9
ST5(5)	1223	1185	-10	38
ST5(6)	1391	1370	0	21
ST5(ave)	1170	1145	-2	25

Note: Baseline measurements weres taken on 8/11/22