



Trigger Inspection Report

This report summarises the monitoring required under Consent Condition SED.11(b) and relevant Project Management Plans.

Event Summary

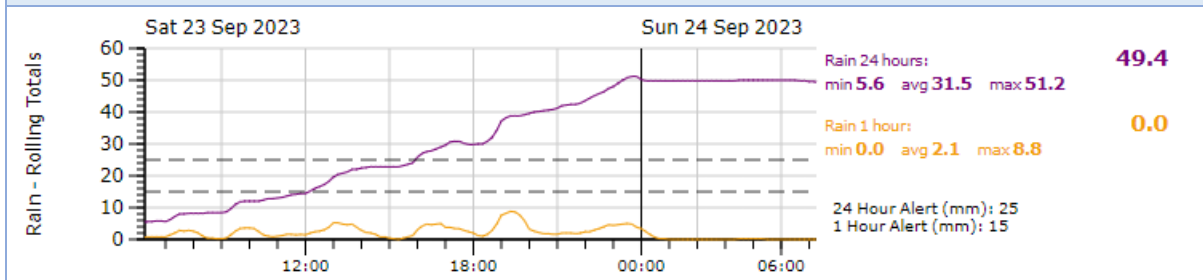
Trigger exceeded: 25mm over 24-hours

Date	23/09/2023	Time	4:00pm
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Trigger exceeded: >50 NTU

Mimi	23/09/2023 (7:20pm & 8:25pm), 24/09/2023 (12:50am)
Mangapepeke	23/09/2023 (7:20pm), 24/09/2023 (12:40am)

Rainfall Summary



Visual Inspection

SED.11 b (i)

Area	Comments
Mimi Stream	No concerns
Mangapepeke Stream	No concerns
SRP-1	No concerns
SCY-SRP	No concerns
SRP4600E	No concerns

Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.72	7.85	12.23	30.8	No
SCY-SRP	8.09	7.87	18.2	5.60	No
SRP4700E	8.00	7.98	712	24.7	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
WQ3	75	6.9	310
WQ4	390	7.1	2,400
WQ5	320	7.2	1,700
WQ1	174	7.2	1,480
WQ2b	67	7.1	147



Sediment Deposition Monitoring

SED.11b (iv)

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

Measured 25/09/2023	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	940	-13	-34
ST1(2)	928	940	-6	-12
ST1(3)	923	910	5	13
ST1(4)	926	910	0	16
ST1(5)	900	930	12	-30
ST1 (ave)	917	926	0	-9
ST2(1)	1160	1116	29	44
ST2(2)	1190	1117	62	73
ST2(3)	1295	1228	28	67
ST2(4)	1323	1331	-31	-8
ST2(5)	1290	1228	50	62
ST2(ave)	1252	1204	28	48
ST3(1)	1133	1113	17	20
ST3(2)	1090	1060	10	30
ST3(3)	1131	1150	-7	-19
ST3(4)	1142	1120	0	22
ST3(5)	1100	1110	4	-10
ST3(6)	1222	1240	-17	-18
ST3(7)	1380	1380	-19	0
ST3(ave)	1171	1168	-2	4
ST4(1)	1240	1230	-14	10
ST4(2)	1272	1226	25	46
ST4(3)	1204	1190	-17	14
ST4(4)	1342	1320	-15	22
ST4(5)	1280	1200	-5	80
ST4(6)	1243	1200	3	43
ST4(ave)	1264	1228	-4	36
ST5(1)	965	950	-14	15
ST5(2)	979	920	-4	59
ST5(3)	1100	1090	-13	10
ST5(4)	1360	1237	123	123
ST5(5)	1223	1190	-12	33
ST5(6)	1391	1337	34	54
ST5(ave)	1170	1121	19	49

Data collected on
25/09/2023

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