



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 20/04/2024

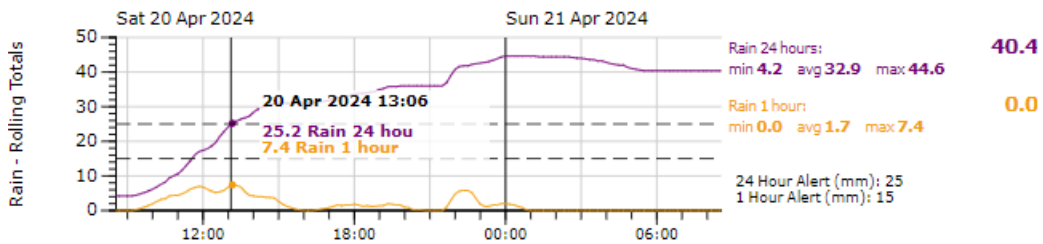
Time 1:06pm

Trigger exceeded: >50 NTU

Mimi: 1:10pm

Mangapepeke: 12:50am

Rainfall Summary



Visual Inspection

SED.11 b (i)

Area	Comments
Mimi Stream	As expected for the rainfall
Mangapepeke Stream	As expected for the rainfall
SRP-1	SRP working well, no concerns
SRP-6D	SRP working well, no concerns
SCY-SRP	SRP working well, no concerns
SRP4700E	SRP working well, no concerns
DEB-F12-1	Catchment cut off & directed to SRP 2920N
SRP-2920N	Not discharging at time of inspection
SRP-3180S	Batch dosed & decant raised
DEB-F13	SRP working well, no concerns
DEB-3980E	SRP working well, no concerns

Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.72	7.75	173	71.3	Yes
SCY-SRP	7.13	7.07	48.4	31.3	Yes
SRP-6D	6.72	7.62	122	44.7	Yes
SRP4700E	7.41	7.28	700	44.2	Yes
SRP2920N	7.25	7.42	723	244	No
SRP3180S	7.21	7.21	880	840	Yes
DEB-F13	7.6	7.53	367	286	Yes
DEB3980E	8.26	8.16	96.7	85.3	Yes



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	77	6.9	220
WQ5 Mimi Control	210	6.9	630
WQ1 Mangapepeke Upstream	153	6.8	620
WQ2b Mangapepeke Downstream	173	6.9	370

Comments

WQ4 Static sampler was missing from the instream sampler.

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 22/04/2024.

Measured 22/04/2024	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	932	-1	-26
ST1(2)	928	905	14	23
ST1(3)	923	895	5	28
ST1(4)	926	901	1	25
ST1(5)	900	926	-25	-26
ST1 (ave)	917	912	-1	5
ST2(1)	1160	1150	2	10
ST2(2)	1190	1181	-1	9
ST2(3)	1295	1264	2	31
ST2(4)	1323	1310	-1	13
ST2(5)	1290	1290	1	0
ST2(ave)	1252	1239	1	13
ST3(1)	1133	1123	4	10
ST3(2)	1090	1040	6	50
ST3(3)	1131	1147	3	-16
ST3(4)	1142	1126	0	16
ST3(5)	1100	1108	-8	-8
ST3(6)	1222	1237	1	-15
ST3(7)	1380	1371	9	9
ST3(ave)	1171	1165	2	7
ST4(1)	1240	1225	-1	15
ST4(2)	1272	1259	-16	13
ST4(3)	1204	1186	-1	18
ST4(4)	1342	1321	-7	21
ST4(5)	1280	1219	7	61
ST4(6)	1243	1226	3	17
ST4(ave)	1264	1239	-3	24
ST5(1)	965	933	1	32
ST5(2)	979	940	0	39
ST5(3)	1100	1049	14	51
ST5(4)	1360	1322	-2	38
ST5(5)	1223	1168	-2	55
ST5(6)	1391	1370	0	21
ST5(ave)	1170	1130	2	39