



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 01/07/2024

Time 15:00hrs

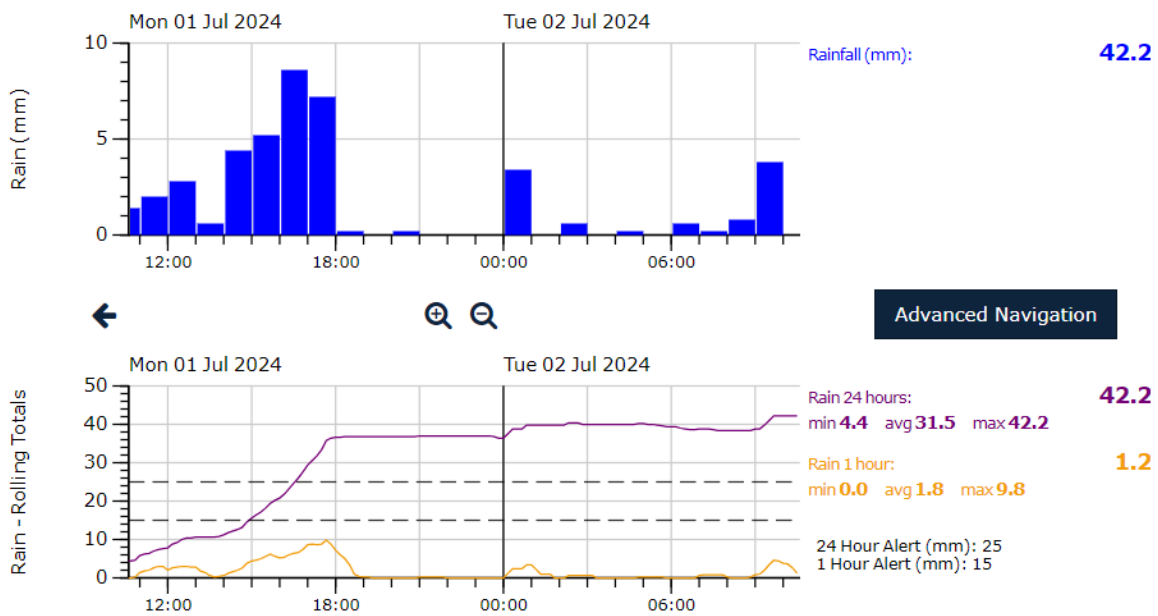
Trigger exceeded: >50 NTU

Mimi 1/07/2024 7:05:06 pm

Mangapepeke 1/07/2024 2:55:06 pm

NTU Exceeded at: Downstream Mimi Downstream Mangapepeke

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
SRP-F13	SRP did not meet discharge threshold requirements. Remedial actions are in place.
DEB-F13	DEB working well, no concerns
DEB-3980E	DEB working well, no concerns
DEB 12-1	DEB working well, no concerns
SRP-2920N	SRP working well, no concerns
SRP-3180S	SRP working well, no concerns



Manual Sampling: ESC Devices

SED.11b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	6.99	7.14	140	58.5	Yes
SRP-6D	6.5	6.61	145	101	Yes
SCY-SRP	6.52	6.39	148	15.27	Yes
SRP-4700E	7.02	6.82	586	70.9	Yes
SRP-F13	6.86	6.93	5900	1190	Yes
DEB-F13	7.16	6.76	702	52.6	Yes
DEB-3980E	7.3	7.14	903	168	Yes
DEB 12-1	7.29	7.37	799	76.1	Yes
SRP-2920N	7.07	7.01	195	33.9	Yes
SRP-3180S	6.78	8.28	799	9.67	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)	200	530	7.2
WQ4 (Mimi Control)	600	3800	6.9
WQ5 (Mimi Downstream)	In-stream bottle was missing upon collection		
WQ1 Mangapepeke Upstream	560	4000	7.3
WQ2b Mangapepeke Downstream	760	2100	7.0

Comments

There was an increase in NTU in the Mangapepeke Catchment above the 20% threshold difference - control vs downstream. There were no issues identified for this trigger event upon inspection of the site. We cannot say conclusively what caused this increase other than localised stream conditions.

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 03/07/2024.

Measured 03/07/2024	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	929	2	-23
ST1(2)	928	934	1	-6



ST1(3)	923	909	-2	14
ST1(4)	926	922	7	4
ST1(5)	900	932	1	-32
ST1 (ave)	917	925	2	-9
ST2(1)	1160	1154	-1	6
ST2(2)	1190	1181	0	9
ST2(3)	1295	1270	-4	25
ST2(4)	1323	1320	-6	3
ST2(5)	1290	1293	1	-3
ST2(ave)	1252	1244	-2	8
ST3(1)	1133	1125	-3	8
ST3(2)	1090	1038	0	52
ST3(3)	1131	1150	2	-19
ST3(4)	1142	1122	0	20
ST3(5)	1100	1112	-6	-12
ST3(6)	1222	1248	-11	-26
ST3(7)	1380	1400	5	-20
ST3(ave)	1171	1171	-2	0
ST4(1)	1240	1235	-2	5
ST4(2)	1272	1266	-1	6
ST4(3)	1204	1194	-1	10
ST4(4)	1342	1324	-1	18
ST4(5)	1280	1210	40	70
ST4(6)	1243	1240	-4	3



ST4(ave)	1264	1245	5	19
ST5(1)	965	940	1	25
ST5(2)	979	945	-10	34
ST5(3)	1100	1075	-11	25
ST5(4)	1360	1330	0	30
ST5(5)	1223	1194	-13	29
ST5(6)	1391	1376	-3	15
ST5(ave)	1170	1143	-6	26