



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	14/06/2024	Time	15:00hrs
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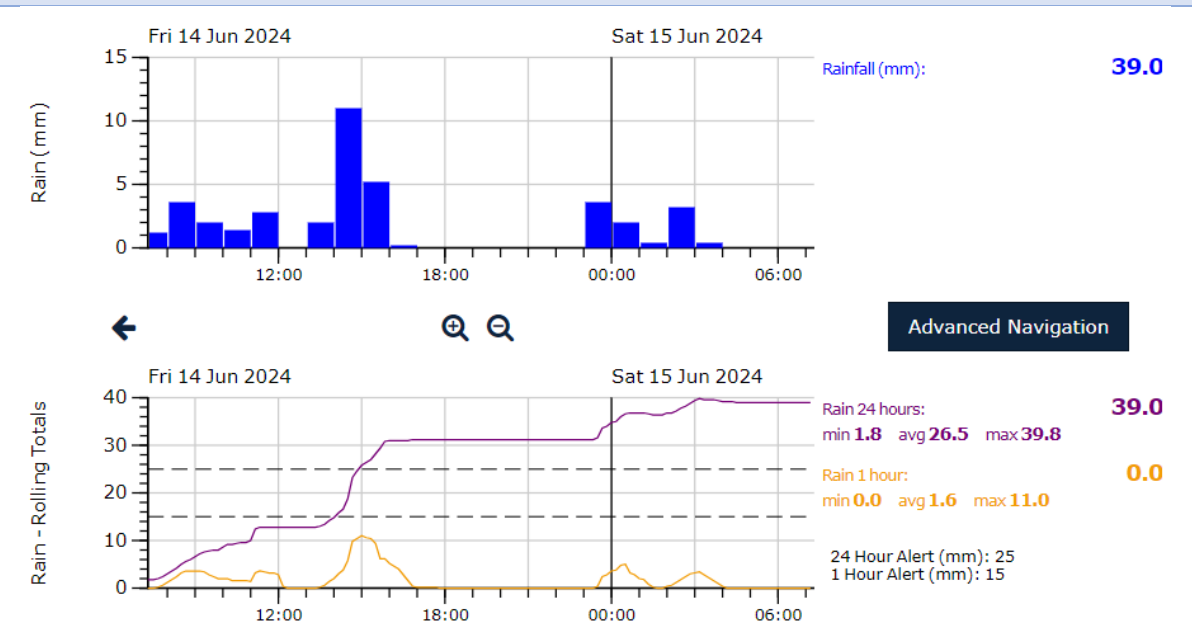
Trigger exceeded: >50 NTU

Mimi	14/06/2024	Time	16:16hrs
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Mangapepeke	14/06/2024	Time	15:30hrs
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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 working well, no concerns
DEB-F13	DEB working well, no concerns
DEB-3980E	DEB working well, no concerns
DEB 12-1	DEB did not meet discharge threshold requirements. Remedial actions are in place.
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	7.2	7.09	206	91.2	Yes
SRP-6D	6.52	7.13	302	28.6	Yes
SCY-SRP	7.35	7.35	157	41.1	Yes
SRP-4700E	7.65	7.35	1235	187	Yes
SRP-F13	7.54	7.56	1712	283	Yes
DEB-F13	7.52	7.37	651	126	Yes
DEB-3980E	7.39	7.25	356	174	Yes
DEB 12-1	7.4	7.11	999	513	Yes
SRP-2920N	7.25	7.2	999	95	Yes
SRP-3180S	7.07	7.67	999	39.2	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)	169	850	7.1
WQ4 (Mimi Control)	510	2600	7.2
WQ5 (Mimi Downstream)	720	3000	7.2
WQ1 Mangapepeke Upstream	750	2300	7.0
WQ2b Mangapepeke Downstream	300	870	7.1

Comments

There was an increase in both NTU and TSS in the Mimi 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 18/06/2024.



Measured 18/06/2024	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	931	1	-25
ST1(2)	928	935	15	-7
ST1(3)	923	907	12	16
ST1(4)	926	929	-34	-3
ST1(5)	900	933	-9	-33
ST1 (ave)	917	927	-3	-10
ST2(1)	1160	1153	-1	7
ST2(2)	1190	1181	-1	9
ST2(3)	1295	1266	-1	29
ST2(4)	1323	1314	-1	9
ST2(5)	1290	1294	-2	-4
ST2(ave)	1252	1242	-1	10
ST3(1)	1133	1122	2	11
ST3(2)	1090	1038	2	52
ST3(3)	1131	1152	2	-21
ST3(4)	1142	1122	1	20
ST3(5)	1100	1106	-3	-6
ST3(6)	1222	1237	8	-15
ST3(7)	1380	1405	-7	-25
ST3(ave)	1171	1169	1	2
ST4(1)	1240	1233	-3	7
ST4(2)	1272	1265	-5	7
ST4(3)	1204	1193	-2	11
ST4(4)	1342	1323	1	19
ST4(5)	1280	1250	-6	30
ST4(6)	1243	1236	-16	7
ST4(ave)	1264	1250	-5	14
ST5(1)	965	941	0	24
ST5(2)	979	935	-1	44
ST5(3)	1100	1064	-11	36
ST5(4)	1360	1330	-5	30
ST5(5)	1223	1181	-11	42
ST5(6)	1391	1373	-3	18
ST5(ave)	1170	1137	-5	32