



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	29/07/2024	Time	10:10pm
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Trigger exceeded: >50 NTU

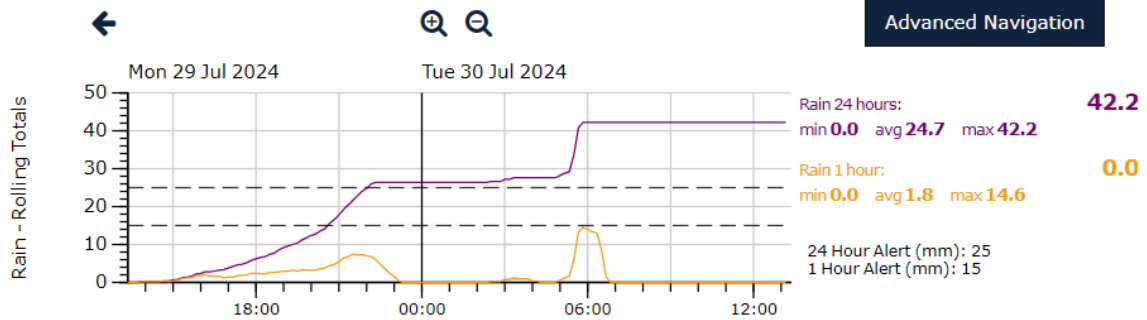
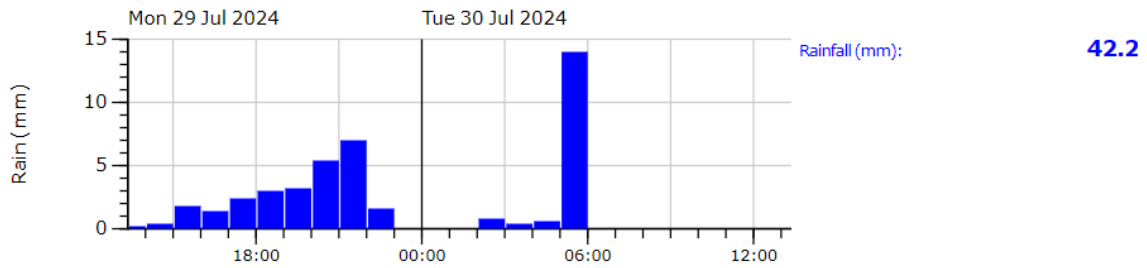
Mimi	29/07/2024 12:30:06 am
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Mangapepeke	29/07/2024 9:10:06 pm
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NTU Exceeded at:	<input checked="" type="checkbox"/> Downstream Mimi	<input checked="" type="checkbox"/> Downstream Mangapepeke
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Rainfall Summary

29/07/2024 Trigger





Visual Inspection		SED.11b (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	Device did not meet discharge threshold requirements. Remedial actions undertaken.	
DEB-F13	Device did not meet discharge threshold requirements. Remedial actions undertaken.	
DEB-3980E	Device did not meet discharge threshold requirements. Remedial actions undertaken.	
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	7.05	7	39.6	48.4	Yes	
SRP-6D	5.93	6.28	79.4	60.8	Yes	
SCY-SRP	6.45	6.3	65	64.5	Yes	
SRP-4700E	6.74	6.77	999	95.4	Yes	
SRP-F13	6.6	6.56	720	134	Yes	
DEB-F13	6.91	6.85	750	210	Yes	
DEB-3980E	6.97	6.88	390	210	Yes	
DEB 12-1	6.83	6.75	3100	700	Yes	
SRP-2920N	6.71	6.36	683	57.6	Yes	
SRP-3180S	6.54	6.14	999	72.1	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)	116	410	6.9	
WQ4 (Mimi Control)	250	1410	6.9	
WQ5 (Mimi Downstream)	240	780	6.9	
WQ1 Mangapepeke Upstream	145	1270	7.2	
WQ2b Mangapepeke Downstream	105	144	7.3	
Comments				



No in-stream threshold exceedances recorded 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 31/07/2024.

Measured 31/07/2024	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	935	-35	-29
ST1(2)	928	935	-1	-7
ST1(3)	923	907	1	16
ST1(4)	926	971	-1	-45
ST1(5)	900	930	-21	-30
ST1 (ave)	917	936	-11	-19
ST2(1)	1160	1152	0	8
ST2(2)	1190	1181	0	9
ST2(3)	1295	1271	-2	24
ST2(4)	1323	1306	11	17
ST2(5)	1290	1294	1	-4
ST2(ave)	1252	1241	2	11
ST3(1)	1133	1122	2	11
ST3(2)	1090	1039	1	51
ST3(3)	1131	1151	1	-20
ST3(4)	1142	1125	-5	17
ST3(5)	1100	1113	-10	-13
ST3(6)	1222	1245	-4	-23
ST3(7)	1380	1392	0	-12
ST3(ave)	1171	1170	-2	2
ST4(1)	1240	1232	-1	8
ST4(2)	1272	1265	1	7
ST4(3)	1204	1193	3	11
ST4(4)	1342	1324	3	18



ST4(5)	1280	1269	3	11
ST4(6)	1243	1247	-1	-4
ST4(ave)	1264	1255	1	9
ST5(1)	965	942	0	23
ST5(2)	979	942	3	37
ST5(3)	1100	1062	-1	38
ST5(4)	1360	1333	-1	27
ST5(5)	1223	1194	-3	29
ST5(6)	1391	1370	0	21
ST5(ave)	1170	1141	0	29