



# Trigger Inspection Report

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

## Event Summary

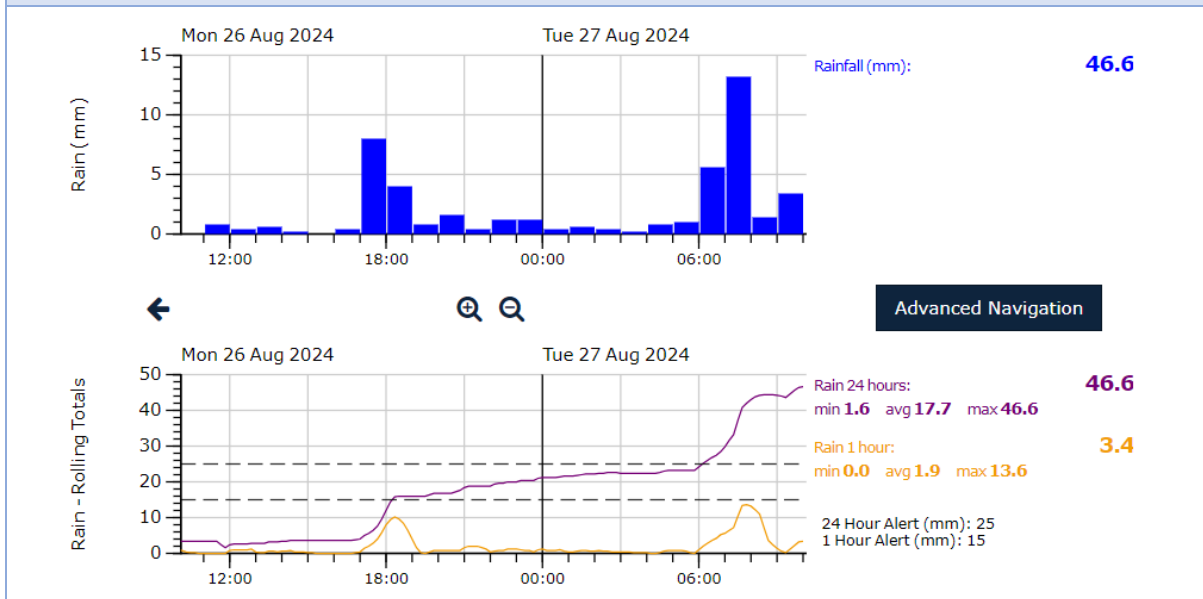
Trigger exceeded: 25mm over 24-hours

Date	27/08/2024	Time	6:13am
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Trigger exceeded: >50 NTU

Mimi	NTU monitor error
Mangapepeke	NTU monitor error

## 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	Laboratory analysis carried out, discharge thresholds met.
DEB-3980E	SRP working well, no concerns
DEB 12-1	Laboratory analysis carried out, discharge thresholds met.
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?
	<i>Inlet</i>	<i>Outlet</i>	<i>Inlet</i>	<i>Outlet</i>	
SRP-1	6.77	6.61	917	119	Yes
SRP-6D	6.6	5.9	999	42.1	Yes
SCY-SRP	6.44	6.4	348	32.5	Yes
SRP-4700E	6.92	6.67	999	53.1	Yes
SRP-F13	6.83	6.52	568	111	Yes
DEB-F13	7.28	6.89	7200* <sup>1</sup>	530	Yes
DEB-3980E	7.2	6.81	531	152	Yes
DEB 12-1	6.91	6.79	7800* <sup>1</sup>	770	Yes
SRP-2920N	7.01	6.96	797	108	Yes
SRP-3180S	7.62	7.72	999	61.6	Yes

**Comments**

\*1 NTU measured at an accredited third-party laboratory

**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 <sup>3</sup> )	pH
WQ3 (Mimi Upstream)	270	1,290	7.0
WQ4 (Mimi Control)	430	3,200	6.9
WQ5 (Mimi Downstream)	1,440	10,200	6.7
WQ1 Mangapepeke Upstream	170	1,020	6.9
WQ2b Mangapepeke Downstream	470	1,450	7.0



**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 28/08/2024.

Measured 28/08/2024	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	930	1	-24
ST1(2)	928	930	14	-2
ST1(3)	923	891	-5	32
ST1(4)	926	900	67	26
ST1(5)	900	923	0	-23
ST1 (ave)	917	915	15	2
ST2(1)	1160	1148	-1	12
ST2(2)	1190	1173	7	17
ST2(3)	1295	1267	-3	28
ST2(4)	1323	1316	-6	7
ST2(5)	1290	1292	-1	-2
ST2(ave)	1252	1239	-1	12
ST3(1)	1133	1122	-2	11
ST3(2)	1090	1010	19	80
ST3(3)	1131	1249	-102	-118
ST3(4)	1142	1120	-4	22
ST3(5)	1100	1111	-6	-11
ST3(6)	1222	1237	4	-15
ST3(7)	1380	1391	-3	-11
ST3(ave)	1171	1177	-13	-6
ST4(1)	1240	1219	12	21
ST4(2)	1272	1263	1	9
ST4(3)	1204	1187	1	17
ST4(4)	1342	1322	-7	20
ST4(5)	1280	1244	-22	36
ST4(6)	1243	1235	-7	8
ST4(ave)	1264	1245	-4	19
ST5(1)	965	936	2	29
ST5(2)	979	920	8	59
ST5(3)	1100	1059	-2	41
ST5(4)	1360	1324	6	36
ST5(5)	1223	1189	-9	34
ST5(6)	1391	1366	1	25
ST5(ave)	1170	1132	1	37