



# 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	27/01/2024	Time	3:05pm
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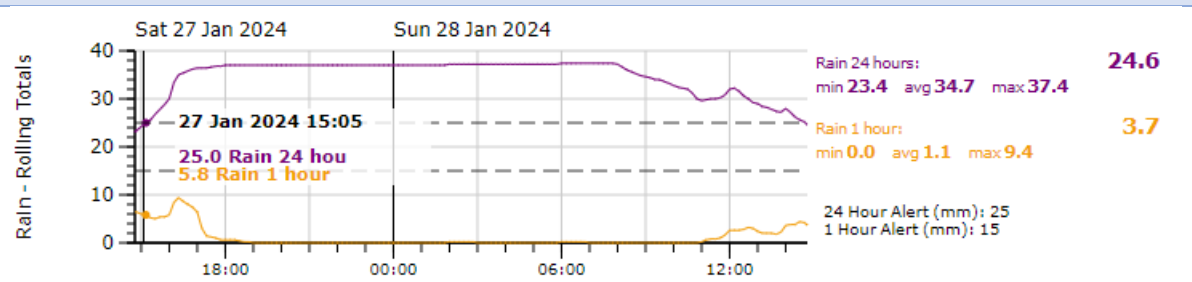
Trigger exceeded: >50 NTU

Mimi	27/01/2024 (4:10pm) & 28/01/2024 (5:40pm)
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Mangapepeke	27/01/2024 (6:20pm) & 28/01/2024 (5:25pm)
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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 experienced
Mangapepeke Stream	As expected for the rainfall experienced
SRP-1	No concerns
SRP-6D	No concerns
SCY-SRP	No concerns
SRP4600E	No concerns
DEB-F14	No concerns
DEB-F13-1	No concerns

## Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.9	7.9	53.8	12.3	
SCY-6D	7.4	7.4	58.3	12.3	
SRP-SCY	8.0	7.9	4.1	13.8	
SRP4700E	8.1	7.6	11.24	33.1	
DEB-F14	8.3	8.3	7.68	11.4	
DEB-F13-1	7.75	7.66	21.5	24.6	



**In-Stream Sampling (WQ1 - WQ5)**

SED.11 b (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	230	1,170	6.9
WQ4 Mimi Downstream	660	1,960	6.8
WQ5 Mimi Control	280	1,150	6.9
WQ1 Mangapepeke Upstream	210	810	7.0
WQ2b Mangapepeke Downstream	122	340	7.0

**Sediment Deposition Monitoring**

SED.11 b (iv)

Sediment deposition data is collected once it is safe to do so. All measurements are in mm. Data collected on 30/01/2024

Measured 30/01/2024	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	940	-10	-34
ST1(2)	928	915	23	13
ST1(3)	923	894	11	29
ST1(4)	926	929	-9	-3
ST1(5)	900	913	6	-13
ST1 (ave)	917	918	4	-2
ST2(1)	1160	1131	24	29
ST2(2)	1190	1181	7	9
ST2(3)	1295	1280	-5	15
ST2(4)	1323	1311	4	12
ST2(5)	1290	1290	10	0
ST2(ave)	1252	1239	8	13
ST3(1)	1133	1125	13	8
ST3(2)	1090	1045	6	45
ST3(3)	1131	1052	98	79
ST3(4)	1142	1125	3	17
ST3(5)	1100	1098	21	2
ST3(6)	1222	1208	36	14
ST3(7)	1380	1386	-4	-6
ST3(ave)	1171	1148	25	23
ST4(1)	1240	1226	-2	14
ST4(2)	1272	1256	-5	16
ST4(3)	1204	1176	13	28
ST4(4)	1342	1325	5	17
ST4(5)	1280	1245	11	35
ST4(6)	1243	1237	-3	6
ST4(ave)	1264	1244	3	19
ST5(1)	965	936	9	29
ST5(2)	979	909	30	70
ST5(3)	1100	1083	-18	17
ST5(4)	1360	1330	46	30
ST5(5)	1223	1170	-8	53
ST5(6)	1391	1368	7	23
ST5(ave)	1170	1133	11	37