



# 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

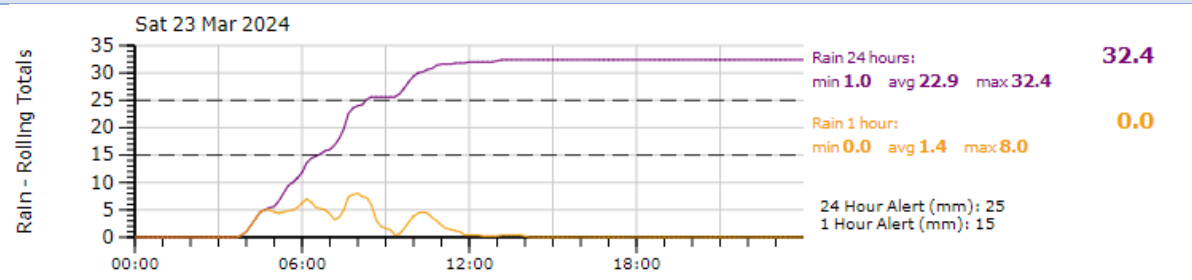
Date	23/03/2024	Time	8:15am
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Trigger exceeded: >50 NTU

Mimi	23/03/2024 09:50 to 12:50 hrs
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Mangapepeke	23/03/2024 10:05 to 13:18 hrs
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## Rainfall Graph



## Visual Inspection

SED.11 b (i)

Area	Comments
Mimi Stream	As expected for the rainfall
Mangapepeke Stream	As expected for the rainfall
SRP-1	No concerns, pond performing well
SRP-6D	No concerns, pond performing well
SCY-SRP	Pond level high but performing well
SRP4700E	Pond not discharging, no outlet sample
DEB-F14	No concerns, Pond performing well
DEB-4390E	No concerns, pond performing well
DEB-F13	Pond batch dosed
DEB-F12	Site inspected by foreman, no pond samples taken

## Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.33	7.27	139	35.4	Yes
SRP-6D	6.22	7.08	25.1	12.92	Yes
SCY-SRP	7.29	7.1	70.6	36.5	Yes
SRP4700E	7.26	-	158	-	No
DEBF14	6.92	7.01	10.52	21	Yes
DEB4390	7.05	7.17	144	73.2	Yes
DEB F13	6.7	7	847	345	Yes



**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	pH	TSS (g/m <sup>3</sup> )
WQ3 Mimi Upstream	137	7	156
WQ4 Mimi Downstream	188	6.6	400
WQ5 Mimi Control	135	6.9	270
WQ1 Mangapepeke Upstream	300	6.8	1130
WQ2b Mangapepeke Downstream	-	-	-

**Comments**

WQ2b Sampler did not fill up during this event

**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 25/03/2024.

	Measured 25/03/2024	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	906	894	44	12
ST1(2)	928	928	909	-18	19
ST1(3)	923	923	808	96	115
ST1(4)	926	926	902	21	24
ST1(5)	900	900	903	34	-3
ST1 (ave)	917	917	883	35	33
ST2(1)	1160	1160	1152	0	8
ST2(2)	1190	1190	1170	10	20
ST2(3)	1295	1295	1266	-2	29
ST2(4)	1323	1323	1316	-6	7
ST2(5)	1290	1290	1285	10	5
ST2(ave)	1252	1252	1238	2	14
ST3(1)	1133	1133	1129	-2	4
ST3(2)	1090	1090	1049	-4	41
ST3(3)	1131	1131	1148	6	-17
ST3(4)	1142	1142	1121	3	21
ST3(5)	1100	1100	1106	-5	-6
ST3(6)	1222	1222	1201	35	21
ST3(7)	1380	1380	1379	6	1
ST3(ave)	1171	1171	1162	6	9
ST4(1)	1240	1240	1236	-8	4
ST4(2)	1272	1272	1252	0	20
ST4(3)	1204	1204	1161	4	43
ST4(4)	1342	1342	1324	1	18
ST4(5)	1280	1280	1223	8	57
ST4(6)	1243	1243	1226	4	17
ST4(ave)	1264	1264	1237	2	27
ST5(1)	965	965	904	30	61
ST5(2)	979	979	905	22	74
ST5(3)	1100	1100	1054	8	46
ST5(4)	1360	1360	1285	60	75
ST5(5)	1223	1223	1168	-4	55
ST5(6)	1391	1391	1265	112	126
ST5(ave)	1170	1170	1097	38	73