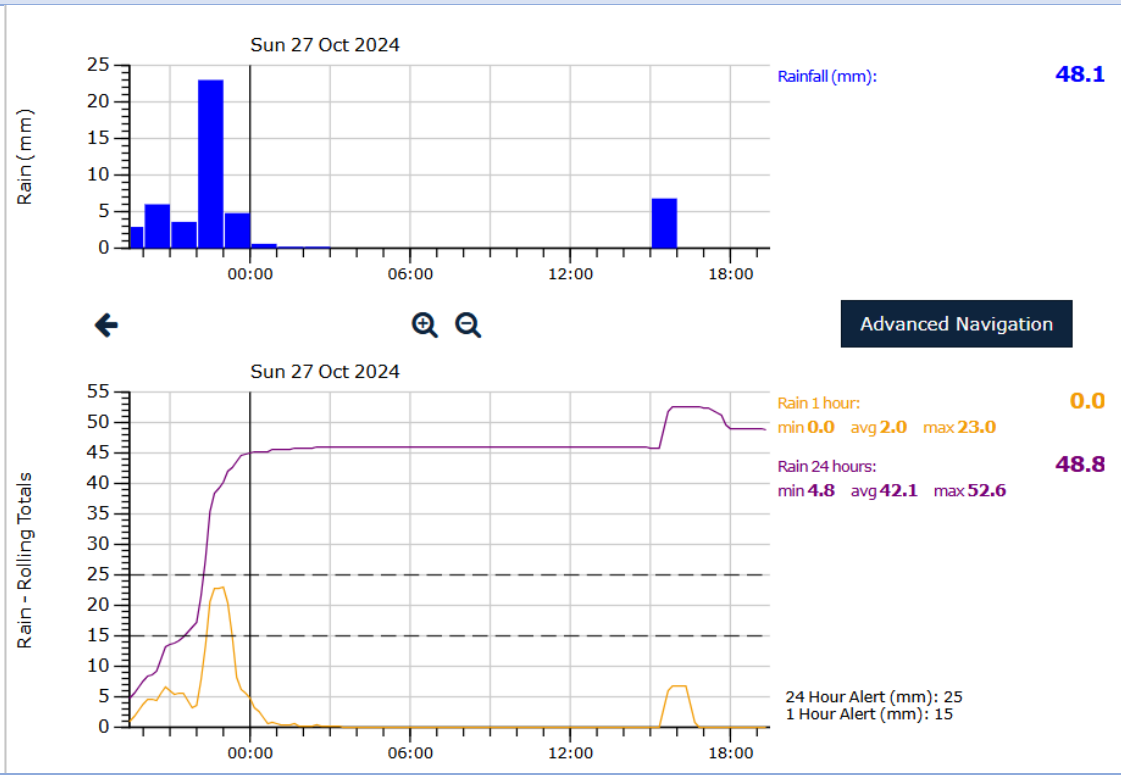
Trigger Inspection Report

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	26/10/2024	**Time**	10:20pm
Trigger exceeded: 15mm over 1-hour			
Date	26/10/2024	**Time**	10:30pm
Trigger exceeded: >50 NTU			
Mimi	26/10/2024 10:40:00 pm		
Mangapepeke	26/10/2024 08:21:00 pm		

Rainfall Summary



Visual Inspection

SED.11b (i)

Area	Comments
Mimi Stream	As expected for the rainfall
Mangapepeke Stream	As expected for the rainfall
Zone 3	Corrective actions undertaken
Zone 5	Corrective actions undertaken
Zone 7	Devices working well, no concerns
Zone 8	Devices working well, no concerns
Zone 10	Devices working well, no concerns

Manual Sampling: ESC Devices

SED.11b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	*Outlet*	*Inlet*	*Outlet*	
SRP-1	7.85	7.81	76.2	11.77	Yes
SRP-6D	6.54	7.62	119	18.6	Yes
SCY-SRP	6.79	6.72	50.9	20.9	Yes
SRP-4700E	7.52	7.19	388	17.32	Yes
SRP-F13	7.3	7.3	6,000	890	Yes
DEB-F13	7.1	7.5	78	186	Yes
DEB-3980E	7.57	7.35	153	57.9	Yes
DEB 12-1	7.5	7.42	80.2	19.3	Yes
SRP-2920N	7.56	7.19	999	131	Yes
SRP-3180S	7.66	7.62	274	62.7	Yes
SRP-02	7.1	7.5	433	74.5	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	pH	TSS (g/m³)
WQ3 (Mimi Upstream)	210	7.0	490
WQ4 (Mimi Control)	370	6.8	1,170
WQ5 (Mimi Downstream)	910	6.9	2,100
WQ1 Mangapepeke Upstream	930	6.8	2,300
WQ2b Mangapepeke Downstream	420	7.1	880

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 29/10/2024.

Measured 29/10/2024	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	925	-37	-19
ST1(2)	928	940	-30	-12
ST1(3)	923	911	-65	12
ST1(4)	926	890	20	36
ST1(5)	900	918	-10	-18
ST1 (ave)	917	917	-24	0
ST2(1)	1160	1145	0	15
ST2(2)	1190	1173	3	17
ST2(3)	1295	1267	-3	28
ST2(4)	1323	1312	-6	11
ST2(5)	1290	1296	-6	-6
ST2(ave)	1252	1239	-2	13
ST3(1)	1133	1110	-5	23
ST3(2)	1090	1019	-3	71

ST3(3)	1131	1150	-3	-19
ST3(4)	1142	1118	-8	24
ST3(5)	1100	1074	-19	26
ST3(6)	1222	1229	1	-7
ST3(7)	1380	1385	-38	-5
ST3(ave)	1171	1155	-11	16
ST4(1)	1240	1225	-3	15
ST4(2)	1272	1320	15	-48
ST4(3)	1204	1178	-16	26
ST4(4)	1342	1319	-3	23
ST4(5)	1280	1215	19	65
ST4(6)	1243	1215	13	28
ST4(ave)	1264	1245	4	18
ST5(1)	965	929	-9	36
ST5(2)	979	909	-13	70
ST5(3)	1100	1048	-12	52
ST5(4)	1360	1321	-35	39
ST5(5)	1223	1141	35	82
ST5(6)	1391	1360	-4	31
ST5(ave)	1170	1118	-6	52