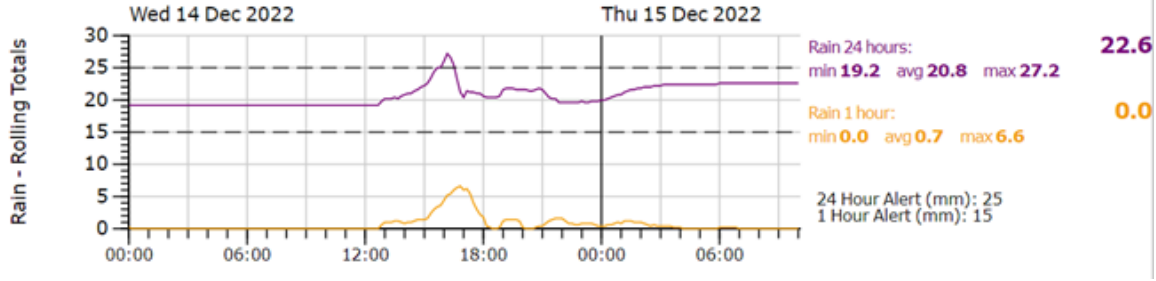
Trigger Inspection Report

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	15-Dec 2022	Time	20:30:00
Trigger exceeded: >50 NTU			
Date	14-Dec 2022	Time	19:00:00
NTU Exceeded at:	☒ Downstream Mimi		

Rainfall Summary



Visual Inspection

SED.11b (i)

Area	Comments
Mimi Stream	Inspection undertaken, no issues to report.
Mangapepeke Stream	No bulk earthworks occurring in this catchment.
SRP-1	Inspection undertaken, no issues to report.
SCY-SRP	Inspection undertaken, no issues to report.
DEB4600E	Inspection undertaken, no issues to report.

Manual Sampling: ESC Devices

SED.11b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.84	7.42	882	17.77	No
SCY-SRP	7.93	7.20	454	42.1	Yes
DEB4660E	Not sampled as was not discharging				No

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/m3)	pH
WQ4 - Mimi Control (High)	4,740	23,800	6.6
WQ4 - Mimi Control (Low)	36,100	64,500	6.5
WQ5 - Mimi Downstream (High)	-	-	-
WQ5 - Mimi Downstream (Low)	1,700	4,530	6.8

Comments

Mimi Downstream (High) sampler had been tipped over during event so no sample is available.

Sediment Deposition Monitoring

SED.11b (iv)

Sediment deposition data is collected once it is safe to do so. All measurements are in mm. Data was collected on 19/12/2022.

	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	NA		
ST1(2)	928	NA		
ST1(3)	923	NA		
ST1(4)	926	NA		
ST1(5)	900	NA		
ST1 (ave)	917	0		0
ST2(1)	1160	1160	10	0
ST2(2)	1190	1170	10	20
ST2(3)	1295	1280	10	15
ST2(4)	1323	1320	-10	3
ST2(5)	1290	1275	5	15
ST2(ave)	1252	1241	5	11
ST3(1)	1133	1130	0	3
ST3(2)	1090	1070	10	20
ST3(3)	1131	1140	5	-9
ST3(4)	1142	1120	0	22
ST3(5)	1100	1100	0	0
ST3(6)	1222	1221	-6	1
ST3(7)	1380	1380	-5	0
ST3(ave)	1171	1166	-1	5
ST4(1)	1240	1230	0	10
ST4(2)	1272	1240	10	32
ST4(3)	1204	1189	1	15
ST4(4)	1342	1320	13	22
ST4(5)	1280	1270	0	10
ST4(6)	1243	1250	-26	-7
ST4(ave)	1264	1250	0	14
ST5(1)	965	950	9	15
ST5(2)	979	935	39	44
ST5(3)	1100	1090	60	10
ST5(4)	1360	1480	40	10
ST5(5)	1223	1200	0	23
ST5(6)	1391	1350	0	41
ST5(ave)	1170	1168	28	24