



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	25/02/2024	Time	3:20am
Trigger exceeded: 15mm over 1-hour			
Date	25/02/2024	Time	3:10am
Trigger exceeded: >50 NTU			
Mimi	25/02/2024, 3:30am		
Mangapepeke	25/02/2024, 5:40am		
Rainfall Graph			
<p>Sun 25 Feb 2024</p> <p>Rain - Rolling Totals</p> <p>Rain 24 hours: min 0.0 avg 26.4 max 36.0</p> <p>Rain 1 hour: min 0.0 avg 1.5 max 17.8</p> <p>24 Hour Alert (mm): 25 1 Hour Alert (mm): 15</p>			

Visual Inspection		SED.11 b (i)
Area	Comments	
Mimi Stream	As expected for the rain received	
Mangapepeke Stream	As expected for the rain received	
SRP-1	No concerns, not discharging	
SRP-6D	No concerns	
SCY-SRP	Decant blocked, but cleared and pond now discharging	
SRP4600E	No concerns	
DEB-F14	No concerns, not discharging	
DEB-F13-1	No concerns	
DEB 3940E	No concerns, not discharging	
DEB-F12-1	No concerns	

Manual Sampling: ESC Devices					SED.11 b (ii)
Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.58	7.97	55.7	21.2	No
SCY-SRP	6.20	7.15	2.45	10.92	Yes
SRP-6D	7.57	7.24	13.79	2.70	Yes
SRP4700E	7.49	7.45	82.2	33.2	Yes
DEB-F14	-	7.87	-	6.78	No
DEB-F13-1	7	7.24	229	77.6	Yes
DEB 3940E	-	6.94	-	8.23	No
DEB-F12-1	5.2	5.63	127	24.7	



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/m ³)
WQ3 Mimi Upstream	–	–	–
WQ4 Mimi Control	42	6.7	148
WQ5 Mimi Downstream	30	7.0	95
WQ1 Mangapepeke Upstream	81	6.9	270
WQ2b Mangapepeke Downstream	74	7.2	165

Comments

WQ3 static sampler did not fill up during this event.

Sediment Deposition Monitoring

SED.11b (iv)

All measurements are in mm. Data collected on 26/02/2024.

	Measured 26/02/2024	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	939	-4	-33	
ST1(2)	928	919	16	9	
ST1(3)	923	885	15	38	
ST1(4)	926	938	-18	-12	
ST1(5)	900	939	-11	-39	
ST1 (ave)	917	924	0	-7	
ST2(1)	1160	1132	18	28	
ST2(2)	1190	1173	9	17	
ST2(3)	1295	1271	-6	24	
ST2(4)	1323	1307	2	16	
ST2(5)	1290	1277	14	13	
ST2(ave)	1252	1232	7	20	
ST3(1)	1133	1122	8	11	
ST3(2)	1090	1041	4	49	
ST3(3)	1131	1142	-92	-11	
ST3(4)	1142	1126	3	16	
ST3(5)	1100	1100	4	0	
ST3(6)	1222	1209	22	13	
ST3(7)	1380	1385	-3	-5	
ST3(ave)	1171	1161	-8	10	
ST4(1)	1240	1227	1	13	
ST4(2)	1272	1250	1	22	
ST4(3)	1204	1173	-89	31	
ST4(4)	1342	1320	6	22	
ST4(5)	1280	1233	6	47	
ST4(6)	1243	1227	3	16	
ST4(ave)	1264	1238	-12	25	
ST5(1)	965	922	18	43	
ST5(2)	979	922	7	57	
ST5(3)	1100	1074	-100	26	
ST5(4)	1360	1310	64	50	
ST5(5)	1223	1170	-15	53	
ST5(6)	1391	1365	10	26	
ST5(ave)	1170	1127	-3	43	