



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	03/10/2024	Time	7:10am
Trigger exceeded: >50 NTU			
Mimi	No Trigger		
Mangapepeke	03/10/2024 04:40:06 am		
Rainfall Summary			
<p>Rainfall (mm): 29.0</p>			

Visual Inspection		SED.11 b (i)
Area	Comments	
Mimi Stream	As expected for the rainfall	
Mangapepeke Stream	As expected for the rainfall	
SRP-1	SRP working well, no concerns	
SRP-6D	SRP working well, no concerns	
SCY-SRP	SRP working well, no concerns	
SRP4700E	SRP working well, no concerns	
SRP-F13	SRP working well, no concerns	
DEB-F13	SRP working well, no concerns	
DEB-3980E	SRP working well, no concerns	
DEB 12-1	SRP working well, no concerns	
SRP-2920N	SRP working well, no concerns	
SRP-3180S	SRP working well, no concerns	
SRP-02	SRP working well, no concerns	

Manual Sampling: ESC Devices					SED.11 b (ii)
Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.57	7.25	495	16.95	Yes
SRP-6D	6.84	7.13	237	16.44	Yes
SCY-SRP	7.02	6.93	119	51.1	Yes
SRP-4700E	7.6	7.4	571	74.8	Yes
SRP-F13	7.39	7.32	999	50	Yes
DEB-F13	7.68	7.52	595	69.1	Yes



Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
DEB-3980E	7.67	7.67	768	73.5	Yes
DEB 12-1	7.66	7.61	250	54.8	Yes
SRP-2920N	7.89	7.83	566	180	Yes
SRP-3180S	8.09	7.93	745	19.8	Yes
SRP-02	7.19	7.09	463	31.6	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 ³)
WQ3 (Mimi Upstream)	87	7.1	153
WQ4 (Mimi Control)	162	7.0	1100
WQ5 (Mimi Downstream)	370	7.0	1480
WQ1 Mangapepeke Upstream	N/A	N/A	N/A
WQ2b Mangapepeke Downstream	102	7.0	250

Comments

The threshold has been triggered for NTU and TSS for the Mimi stream in-stream bottles. As the site inspection did not highlight concerns or sediment discharge, it is assumed that this increase is due to factors beyond the Project.

The WQ1 bottle failed to fill up during this event. This may have been due to lower than normal stream levels or a failure of the bottle. The bottle has been checked and is expected to fill up for the next trigger event. If this does not occur, the bottle will be replaced.

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 04/10/2024.

Measured 4/10/2024	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	938	-3	-32
ST1(2)	928	937	0	-9
ST1(3)	923	909	-6	14
ST1(4)	926	912	-18	14
ST1(5)	900	926	-3	-26
ST1 (ave)	917	924	-6	-8
ST2(1)	1160	1150	-3	10
ST2(2)	1190	1171	-3	19
ST2(3)	1295	1281	-4	14
ST2(4)	1323	1310	-3	14



ST2(5)	1290	1292	-12	-2
ST2(ave)	1252	1241	-5	11
ST3(1)	1133	1119	-1	14
ST3(2)	1090	1025	-3	65
ST3(3)	1131	1152	-2	-21
ST3(4)	1142	1112	-3	30
ST3(5)	1100	1052	41	48
ST3(6)	1222	1239	-4	-17
ST3(7)	1380	1390	5	-10
ST3(ave)	1171	1156	5	16
ST4(1)	1240	1233	0	7
ST4(2)	1272	1355	14	-83
ST4(3)	1204	1195	-11	9
ST4(4)	1342	1332	-9	10
ST4(5)	1280	1266	-8	14
ST4(6)	1243	1238	3	5
ST4(ave)	1264	1270	-2	-6
ST5(1)	965	920	19	45
ST5(2)	979	916	5	63
ST5(3)	1100	1078	1	22
ST5(4)	1360	1329	-3	31
ST5(5)	1223	1176	13	47
ST5(6)	1391	1367	0	24
ST5(ave)	1170	1131	6	39