



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	26/04/2024	Time	05:40hrs
Trigger exceeded: >50 NTU			
Date	26/04/2024	Time	01:35hrs.
Date	26/04/2024	Time	02:05hrs, 15:30hrs, 6:50hrs
NTU Exceeded at: <input checked="" type="checkbox"/> Downstream Mimi <input checked="" type="checkbox"/> Downstream Mangapepeke			
Rainfall Summary			

Visual Inspection		SED.11b (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	Not discharging	
SRP4700E	SRP working well, no concerns	
SRP-F13	Not discharging	
DEB-F13	Batch dosed and decant raised	
DEB-4390	Batch dosed and decant raised	
DEB 12-1	Not discharging	
SRP-2920N	Batch dosed and decant raised	
SRP-3180S	Batch dosed and decant raised	

Manual Sampling: ESC Devices					SED.11b (ii)
Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.66	7.82	100	63.9	Yes
SRP-6D	7.08	7.39	534	154	Yes
SCY-SRP	7.48	7.29	56.4	73.2	No



Manual Sampling: ESC Devices

SED.11b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-4700E	8.07	8.2	741	157	Yes
SRP-F13	7.31	6.52	>999	492	No
DEB-F13	7.1	7.4	387	314	Yes
DEB-4390	7.92	7.53	282	226	Yes
DEB 12-1	6.58	6.76	1172	999	No
SRP-2920N	6.72	6.42	715	199	Yes
SRP-3180S	7.5	6.5	790	199	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/m ³)
WQ3 Mimi Upstream	135	7.1	470
WQ4 Mimi Control	-	-	-
WQ5 Mimi Downstream	1640	6.7	4600
WQ1 Mangapepeke Upstream	540	6.8	2500
WQ2b Mangapepeke Downstream	-	-	-

Comments

WQ2b and WQ4 static samplers did not fill up during this event.

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 30/04/2024.

Measured 30/04/2024	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	934	-2	-28
ST1(2)	928	928	-23	0
ST1(3)	923	907	-12	16
ST1(4)	926	900	1	26
ST1(5)	900	933	-7	-33
ST1 (ave)	917	920	-9	-4
ST2(1)	1160	1154	-4	6
ST2(2)	1190	1181	0	9
ST2(3)	1295	1267	-3	28
ST2(4)	1323	1301	9	22
ST2(5)	1290	1287	3	3
ST2(ave)	1252	1238	1	14
ST3(1)	1133	1120	3	13



ST3(2)	1090	1040	0	50
ST3(3)	1131	1150	-3	-19
ST3(4)	1142	1119	7	23
ST3(5)	1100	1100	8	0
ST3(6)	1222	1240	-3	-18
ST3(7)	1380	1400	-29	-20
ST3(ave)	1171	1167	-2	4
ST4(1)	1240	1229	-4	11
ST4(2)	1272	1264	-5	8
ST4(3)	1204	1189	-3	15
ST4(4)	1342	1327	-6	15
ST4(5)	1280	1255	-36	25
ST4(6)	1243	1223	3	20
ST4(ave)	1264	1248	-9	16
ST5(1)	965	940	-7	25
ST5(2)	979	902	38	77
ST5(3)	1100	1061	-12	39
ST5(4)	1360	1303	19	57
ST5(5)	1223	1107	61	116
ST5(6)	1391	1307	63	84
ST5(ave)	1170	1103	27	66