



Trigger Inspection Report

This report summarises the monitoring required under Consent Condition SED.11(b) and relevant Project Management Plans.

Event Summary

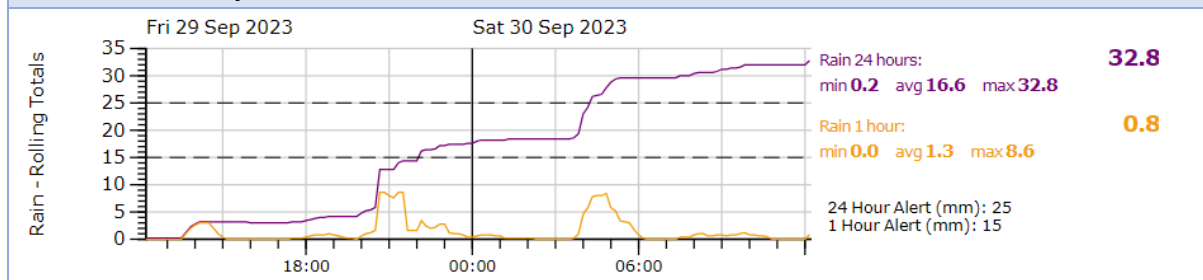
Trigger exceeded: 25mm over 24-hours

Date	30/09/2023	Time	4:20am
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Trigger exceeded: >50 NTU

Date	30/09/2023 (Mangapepeke)	Time	12:30am, 2:30am
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Rainfall Summary



Visual Inspection

SED.11 b (i)

Area	Comments
Mimi Stream	No concerns
Mangapepeke Stream	No concerns
SRP-1	Pond batch dosed and topped up floc
SCY-SRP	No concerns
SRP4600E	No concerns

Manual Sampling: ESC Devices

SED.11 b (ii)

Device Name	pH		NTU		Discharging?
	Inlet	Outlet	Inlet	Outlet	
SRP-1	7.63	7.54	315	126	Yes
SCY-SRP	8.24	7.92	417	10.06	Yes
SRP4700E	8.33	8.39	875	81.4	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	TSS (g/m ³)	pH
WQ3 (Mimi Upstream)	57	151	6.9
WQ5 (Mimi Downstream)	126	7.1	360
WQ4 (Mimi Control)	440	7.0	2,000
WQ1 (Mangapepeke Upstream)	410	7.0	1,830
WQ2b (Mangapepeke Downstream)	n/a	n/a	n/a



Comments

Due to sampler malfunction, no sample was collected at WQ2b.

Note that the TSS result for WQ4 was just above the upper limit of the testing method used. Given the sample dried okay, the upper limit was extended to allow a numeric result to be reported. This was done at the discretion of the accredited third-party laboratory.

Sediment Deposition Monitoring

SED.11b (iv)

Sediment deposition data is collected once it is safe to do so. All measurements are in mm.

Measured 02/10/2023	Baseline	Stake top to ground level	Variation from previous reading	Variation from baseline (+ or -)
ST1(1)	906	925	15	-19
ST1(2)	928	935	5	-7
ST1(3)	923	905	5	18
ST1(4)	926	904	6	22
ST1(5)	900	921	9	-21
ST1 (ave)	917	916	8	-1
ST2(1)	1160	1154	-38	6
ST2(2)	1190	1185	-68	5
ST2(3)	1295	1277	-49	18
ST2(4)	1323	1305	26	18
ST2(5)	1290	1285	-57	5
ST2(ave)	1252	1241	-37	10
ST3(1)	1133	1132	-19	1
ST3(2)	1090	1057	3	33
ST3(3)	1131	1150	0	-19
ST3(4)	1142	1121	1	21
ST3(5)	1100	1110	0	-10
ST3(6)	1222	1239	-1	-17
ST3(7)	1380	1381	1	-1
ST3(ave)	1171	1170	-2	1
ST4(1)	1240	1232	-2	8
ST4(2)	1272	1262	-36	10
ST4(3)	1204	1191	-1	13
ST4(4)	1342	1316	4	26
ST4(5)	1280	1200	0	80
ST4(6)	1243	1202	-2	41
ST4(ave)	1264	1234	-6	30
ST5(1)	965	904	46	61
ST5(2)	979	922	-2	57
ST5(3)	1100	1080	10	20
ST5(4)	1360	1371	-134	-11
ST5(5)	1223	1171	19	52
ST5(6)	1391	1380	-43	11
ST5(ave)	1170	1138	-17	32

Note: Baseline measurements were taken on 8/11/22

Data collected on 2/10/2023