



Trigger Inspection Report

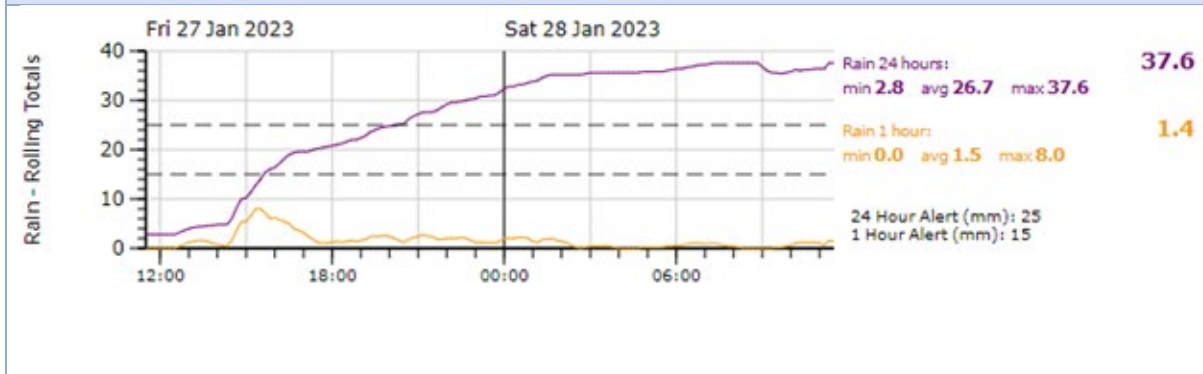
This report summarises the monitoring required under Consent Condition SED.11(b) and relevant Project Management Plans.

Event Summary

Trigger exceeded: 25mm over 24-hours

| | | | |
|------|-------------|------|----------|
| Date | 27-Jan 2023 | Time | 20:20:00 |
|------|-------------|------|----------|

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. |
| SRP4600E | 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 | 7.6 | 7.38 | 630 | 49.8 | Yes |
| SCY-SRP | 8.01 | 7.28 | 268 | 31.5 | Yes |
| SRP4700E | 7.77 | 7.75 | 51.5 | 20.7 | Yes |
| DEB4660E | 7.58 | 7.66 | 477 | 10.66 | 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 | TSS (g/m3) | pH |
|-----------------------|---|------------|----|
| WQ3 - Mimi Upstream | Stream did not reach height of in-stream samplers | | |
| WQ5 - Mimi Downstream | | | |
| WQ4 - Mimi Control | | | |



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 31/01/2023.

| | Baseline | Stake top to ground level | Variation from previous reading | Variation from baseline (+ or -) |
|-----------|----------|---------------------------|---------------------------------|----------------------------------|
| ST1(1) | 906 | 900 | 11 | 6 |
| ST1(2) | 928 | 920 | 18 | 8 |
| ST1(3) | 923 | 900 | 31 | 23 |
| ST1(4) | 926 | 920 | 18 | 6 |
| ST1(5) | 900 | 930 | -14 | -30 |
| ST1 (ave) | 917 | 914 | 13 | 3 |
| ST2(1) | 1160 | 1150 | 10 | 10 |
| ST2(2) | 1190 | 1170 | 0 | 20 |
| ST2(3) | 1295 | 1260 | 10 | 35 |
| ST2(4) | 1323 | 1300 | -10 | 23 |
| ST2(5) | 1290 | 1270 | 0 | 20 |
| ST2(ave) | 1252 | 1230 | 2 | 22 |
| ST3(1) | 1133 | 1111 | 9 | 22 |
| ST3(2) | 1090 | 1060 | 0 | 30 |
| ST3(3) | 1131 | 1140 | 0 | -9 |
| ST3(4) | 1142 | 1111 | 0 | 31 |
| ST3(5) | 1100 | 1090 | -10 | 10 |
| ST3(6) | 1222 | 1222 | 0 | 0 |
| ST3(7) | 1380 | 1350 | 10 | 30 |
| ST3(ave) | 1171 | 1155 | 0 | 16 |
| ST4(1) | 1240 | 1222 | 0 | 18 |
| ST4(2) | 1272 | 1230 | 10 | 42 |
| ST4(3) | 1204 | 1180 | -10 | 24 |
| ST4(4) | 1342 | 1300 | 0 | 42 |
| ST4(5) | 1280 | 1250 | 10 | 30 |
| ST4(6) | 1243 | 1222 | -2 | 21 |
| ST4(ave) | 1264 | 1234 | 2 | 30 |
| ST5(1) | 965 | 950 | 0 | 15 |
| ST5(2) | 979 | 950 | -10 | 29 |
| ST5(3) | 1100 | 1090 | 0 | 10 |
| ST5(4) | 1360 | 1360 | 0 | 0 |
| ST5(5) | 1223 | 1200 | 0 | 23 |
| ST5(6) | 1391 | 1370 | -20 | 21 |
| ST5(ave) | 1170 | 1384 | -6 | 16 |