

Greater Wellington Regional Council

Quarterly Report: April 2025 – June 2025

WGN190034 [35745] - [35749] & [35969] - [35972]
WGN210381

02/07/2025

Summary of report:

Between April 2025 and June 2025, Willowbank Quarry has responded to:

- 3 x Trigger notification for water compliance

- **Summary of any complaints received**

No environmental complaints

- **Summary of any uncontrolled discharges to freshwater**

No uncontrolled discharges to freshwater.

- **Summary of the results of water quality monitoring undertaken in accordance with the Receiving Environment Water Quality Monitoring Plan**

09/05/25: Both rainfall trigger limits reached. Manual sampling undertaken; **Exceedance levels not reached.**

18/05/25: Both rainfall trigger limits reached. Manual sampling undertaken; **NTU level exceeded**

11/06/25: Both rainfall trigger limits reached. Manual sampling undertaken; **NTU level exceeded**

- **Summary of exceedances of water quality trigger limits set in the Receiving Environment Water Quality Monitoring Plan and actions taken of site to reduce the likelihood of a reoccurrence.**

18/05/25: Orange weather warning event: 24hr rainfall: 72.10mm, 1hr rainfall: 10.05mm, Exceedance 16.44NTU

With all forecast weather events, the site has undertaken preventative measure to ensure we minimised the effects to the receiving environment.

These included:

- Cleaning out our Quarry SRP forebay prior winter
- Cleaning out all knock out pits and water channels beforehand
- Topping up all PAC at SRPs and checking functionality (supplier checks attached)
- Raising the lower decant to allow more settlement time prior discharge.

11/06/25: Heavy short burst (2 hour) event: 24hr rainfall: 39.31mm, 1hr rainfall: 21.68mm,
Exceedance 9.23NTU

All SRPs and dirty water channels were working near capacity during this event, and we have since concrete lined one of our steeper channels to help reduce silts and erosion within the quarry pit.

- **Summary of any exceedances of water quality compliance limits**
Attached – Water Monitoring.xlsx