

24 April 2026

Community Update | Navigation Creek Investigation | Burrells Road and Quirkles Lane Area

Dear Resident:

GM³ continues to work closely with relevant Government agencies in relation to the groundwater and strata gas discharge associated with a historic borehole located adjacent to Navigation Creek.

We would like to advise that since our last communication, activities have focused on preparation works, monitoring, water testing, and stakeholder engagement with nearby residents.

Remediation works are scheduled to commence from **Tuesday, 28 April 2026** during standard operating hours (7:00 am to 6:00 pm).

Works will focus on managing the water and gas discharge from the historic borehole through downhole sealing (i.e. grouting). Dewatering will be undertaken around the borehole and surrounding area to safely manage the work site. At this stage, the duration of the works is not yet confirmed. We will provide updates as further information becomes available.

Materials have been staged within the work area, and additional heavy machinery and noise attenuation barriers will be deployed as required. A diesel-powered generator and compressor will also be used as part of the works. Current controls include noise attenuation measures (such as noise blankets), sediment controls and visual screening to minimise impacts. Temporary electronic signage will remain in place to advise of changed traffic conditions.

A continued on-site presence is being maintained to support safe and responsive management of the works.

What to expect

- Monitoring activities will continue 24/7, including on the public holiday
- Works commencing on Tuesday 28 April will involve heavy machinery, and residents should expect increased activity and some intermittent noise in the area during standard operating hours.
- If works are required outside standard operating hours, residents will be advised where practicable
- Intermittent traffic control may be required to safely undertake the works
- Access via Quirkles Lane will be maintained at all times for residents and emergency services

Water and environmental monitoring – summary of results

Updated information from current testing and monitoring:

1. Water samples indicate that quality is generally consistent with groundwater from the Hawkesbury Sandstone.
2. The discharge is currently being contained and diluted within a large dam downstream in Navigation Creek, limiting the movement of water beyond this point.

3. Landholders downstream from dam have been advised that, based on current results, normal water use can continue. Monitoring and management of the creek will continue as remediation progresses.
4. Monitoring confirms that the gas is originating from the strata and is primarily composed of methane and carbon dioxide. Trace gases (<0.1%) may be present and can occasionally result in an odour. Gas levels remain significantly below health-based limits, with no elevated levels detected near residences.
5. GM³ is also monitoring erosion of the creek bank and Quirkies Lane, along with any other potential impacts.

Controls and remediation measures are being implemented as part of the ongoing response. We appreciate your understanding and patience while these works are undertaken. If you would like to speak with a member of the project team, please contact Sandra Moreno on XXXXXX.

If you have any questions or concerns, please contact the GM3 Community Team on **1800 102 210 (24/7)** or via email at community@gm3.au.

Yours sincerely,

Kind regards,

GM3 Project Team – Appin Mine