

21 April 2026

Community Update | Navigation Creek Investigation | Burrells Road Area

Dear Resident,

GM³ is working closely with relevant Government Agencies in relation to the groundwater and strata gas discharge related to a historic borehole located adjacent to Navigation Creek.

We would like to advise that remediation works have commenced today during standard operating **hours (7:00 am to 5:00 pm)**. At this stage, the duration of these works is not yet confirmed although, we will continue to monitor progress closely and keep you informed as further information becomes available.

Planned Works and Current Controls

At this stage, the planned works will focus on managing the water and gas discharge from the historical borehole via sealing downhole (i.e. grouting).

As these works progress, impacts such as odour, water and gas discharge are expected to reduce. Materials will be staged within the work area, and a crane will be positioned on Quirkies Lane to support the operation. Dewatering will be required around the borehole and surrounding area to safely manage the work site. A diesel-powered compressor will be used as part of the works.

Current controls include noise attenuation measures (such as noise blankets), sediment controls, vegetation management, and visual screening to minimise impacts, along with the use of temporary electronic signage to advise of changed traffic conditions. A continued onsite presence is also maintained to support safe and responsive management of the works.

What to Expect

- Works may involve heavy machinery, and residents should expect increased activity in the area.
- If work is required outside standard hours, residents will be advised where practicable.
- Intermittent traffic control may be required to safely undertake the works.
- Access will be maintained at all times for residents and emergency services, with traffic control in place where required.

Please see below results of the water sampling and monitoring currently in place:

Water and Environmental Monitoring and Summarised Results.

1. Water samples have been collected, and initial field testing indicates the quality is consistent with groundwater from the Hawkesbury Sandstone. We are continuing daily monitoring, have implemented sediment controls, and will implement further mitigation or remediation measures as required based on the outcomes of ongoing assessments.

The discharge is being contained in a large dam downstream in Navigation Creek. We will continue to monitor and manage the creek as investigations progress.

2. Monitoring has identified that the gas discharged is originating from the strata and is primarily composed of methane and carbon dioxide, which is not related to current mining activities. There may also be very small amounts of other gases present, which can occasionally result in an odour. Gas levels are significantly below both health and flammable limits with no elevated levels detected near residences. No safety hazards have been identified, and precautionary controls and ongoing monitoring remain in place.

3. GM³ is monitoring erosion of the creek bank and Quirkies Lane, along with other potential impacts. Remediation measures are being implemented as part of the ongoing response.

Preparation works, monitoring and investigations have been ongoing since the issue was reported. We appreciate your understanding and patience while these works are undertaken. If you would like to speak with a member of our 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