

**From:** [Jeff Bluett](#)  
**To:** [Shay McDonald](#); [Cheryl Low](#); [Graeme Starke](#)  
**Subject:** Matakanui Gold Proposed Arsenic Ambient air Sampling Programme  
**Date:** Thursday, 19 March 2026 10:41:43 am

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Good morning Shay, Graeme and Cheryl,

Thanks for your time today. I found our meeting to be both collegial and productive. Below are my notes from the meeting. Please review and let me know if you spot any errors or omissions.

I'm away from my desk until 2:15 but can and will check my emails then to see where we have landed.

Regards and thanks  
Jeff

This email is

1. A record of the outcomes of a meeting between Otago Regional Council and Matakanui Gold on the Proposed Arsenic Ambient air Sampling Programme.
2. Intended to become an appendix to the PDP memorandum C051440001M004\_Final\_170326

Meeting Attendees:

- Shay McDonald (ORC)
- Graeme Stark (SLR for ORC)
- Cheryl Low (Matakanui Gold)
- Jeff Bluett (PDP for Matakanui Gold)

Key Outcomes:

- Matakanui Gold has agreed to undertake an Arsenic Ambient Air Sampling Programme.
- The Key aim of the monitoring programme is to provide Arsenic Ambient air quality data to inform Stakeholders of the actual impacts of Matakanui Gold's proposed activity.
- The sampling method used will capture dust and arsenic in ambient air (rather than deposited particulate). The sampling and analytical methods are described in the PDP memorandum C051440001M004\_Final\_170326.
  - As a starting point the filters will be exposed for a period of 30 days. –This exposure period may be varied depending on the amount of material collected. We need to ensure we capture enough material to get above

the laboratory's analytical detection limits.

- A total of 12 filters will be exposed aiming to provide an annual average concentration to be compared against the MfE ambient air quality guideline.
- The aim is to use Matakanui Gold's two samplers to collect the filters.
- Pre-activity sampling will start as soon as practical to establish baseline Arsenic Ambient Air concentrations.
  - It was agreed a baseline measurement at one site within the valley system should be sufficient.
- When the activity starts on site, arsenic in air will be measured at two locations. Downwind of:
  - Crushing plant.
  - Elevated As soil stockpiles.
- After 12 filters (one year of monitoring), results will be reviewed by OR and Matakanui Gold with the aim of assessing whether the monitoring programme should be extended or can be curtailed because of low As concentrations.
- The Arsenic Ambient Air Sampling Programme will be written up into the site's Air Quality Management Plan
- ORC will review and if happy certify the site's Air Quality Management Plan.

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