

A photograph of a city skyline at dusk or dawn, featuring several tall skyscrapers and a prominent tower with a circular observation deck. The sky is a mix of blue and orange. A dark blue semi-transparent box is overlaid on the left side of the image, containing white text.

Teven Community Consultative Committee Meeting

Teven Quarry

25 November 2022

Agenda

1. **Welcome and apologies**
2. **Operations summary**
3. **Environmental works update**
4. **Planning and projects**
5. **Communications update**
6. **General business and contacts**
7. **Next meeting**

01

Welcome and apologies



Attendees

CCC representatives

Denis Perkins (resident)

Peter Blackwood (resident)

Boral staff

Phil 'Dick' Pallisier, Quarry Manager, Boral Teven Quarry

Rod Johnson, Environment Business Partner, Boral HSE (NSW and ACT)

Kate Woodbridge, Stakeholder Relations Manager NSW and ACT

Review of minutes and actions arising from last meeting

> Matters arising from last meeting

- Meet with Council regarding the state of the North Teven and Beacon Roads – wrote to Council on two occasions regarding the state of the roads and it being a safety issue.
- Invite Council representatives to the Whole of Community meeting to discuss road repairs with Boral and residents – WoC meeting was postponed until 2023 due to flood damage at the quarry. Date TBC at today's meeting.
- Draft a letter to Council regarding road repairs for residents to sign at the Whole of Community meeting.
- Boral will arrange a presentation on blasting practices (with a focus on Teven) at the Whole of Community meeting.

Operations review



Quarry development: basalt pit

- We are currently looking at reshaping the northern wall of the basalt pit to create a new north 'ramp', allowing us to extract the existing central ramp.



THIS SECTION IS WELL UNDERWAY

Build something great™

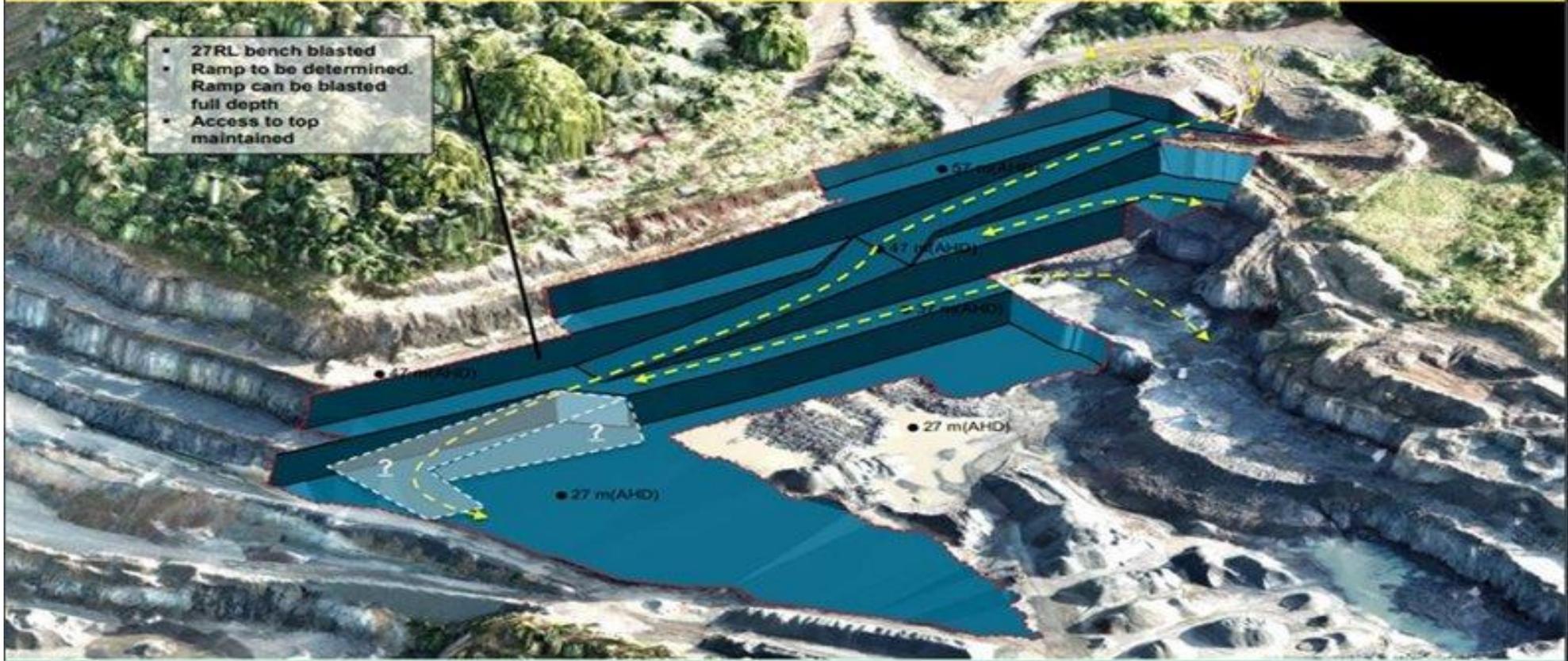
Development – 27m AHD Bench



Z	air	clay	regolith	basalt	Total
27.0 -> 37.0				27,625	27,625

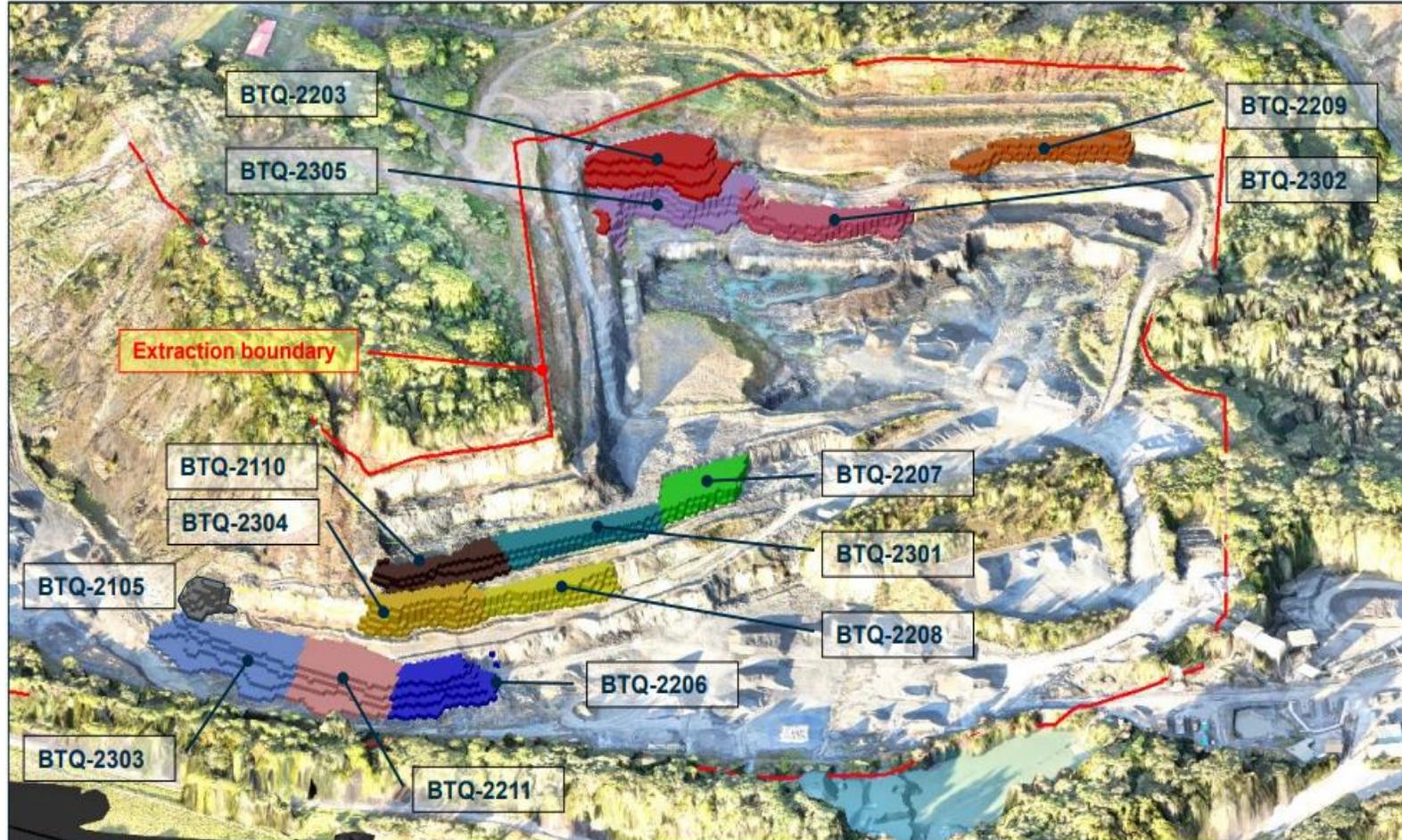
Z	air	clay	regolith	basalt	Total
27.0 -> 37.0	14,045	2,875	3,688	179,988	200,596

- 27RL bench blasted
- Ramp to be determined. Ramp can be blasted full depth
- Access to top maintained



ZEROHARMTODAY

STP – 12+ Month Extraction Blocks



Operations

- > **New dust suppression unit operating well**
- > **Sales are steady to Flood recovery.**
- > **No major safety incidence onsite**
- > **We are tendering on the Ballina airport upgrade approx. 32000 t**
- > **We are currently upgrading the site facilities**
- > **The primary wall upgrade will commence in March-April 2023**
- > **We have sponsored the lions club special needs children Christmas show**
- > **Teven Quarry is now a non smoking site**
- > **New P10 dust monitor installed it took a 3 months to get**

03

Environmental Works Update



Environmental monitoring – Deposited Dust



Deposited Dust ^b	Averaging	
	Period	g/m ² /month ^a
	Annual	4.00

a – Maximum total deposited dust level

b – Dust is assessed as insoluble solids as defined by AS3580.10.1-1991 (AM-19) (At the nearest existing or likely future off-site sensitive receptor)

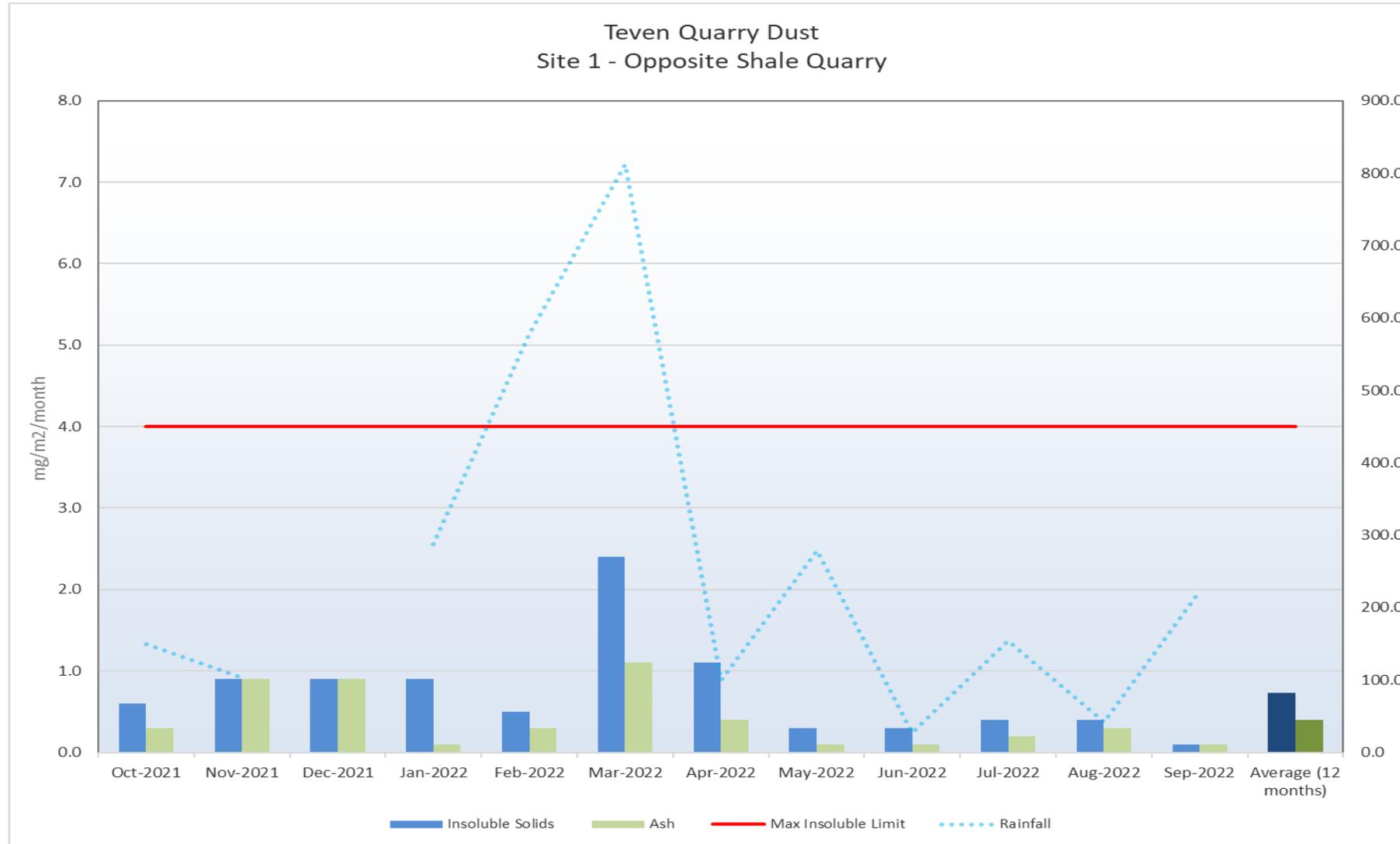
Source: Table 7.1 (Page 28) of the Approved Methods for the Modelling and Assessment of Air Pollutants in NSW – DEC 2005

Average Dust Deposition (Insoluble Solids)

Site 1	0.73 g/m ²
Site 2	0.90 g/m ²
Site 3	3.05 g/m ²
Site 4	1.15 g/m ²

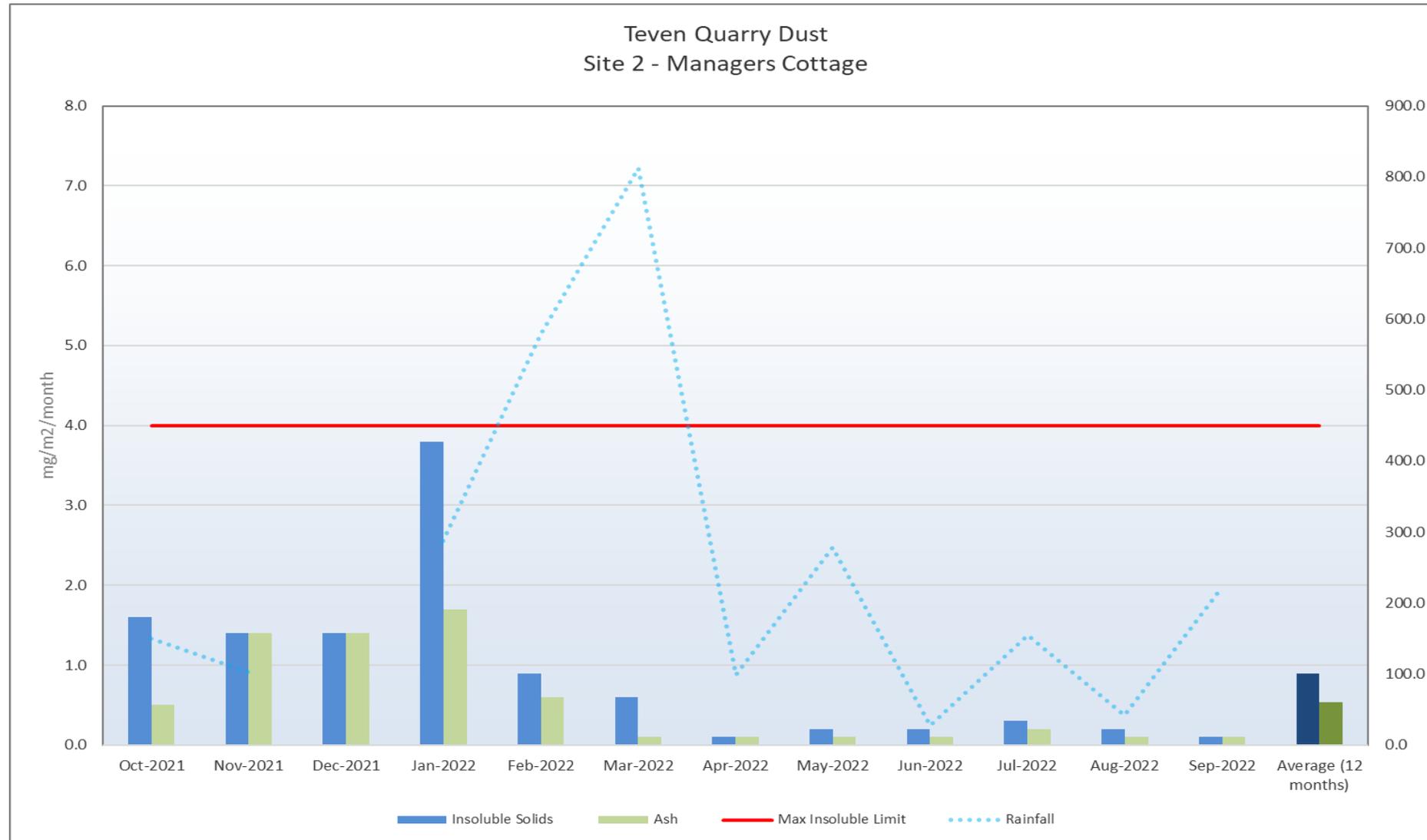
As of February 2015 the Environmental Analysis Laboratory (EAL) at Southern Cross University has been collecting and analysing the Deposited Dust sample bottles at the Boral Teven Quarry

Environmental monitoring – Deposited Dust



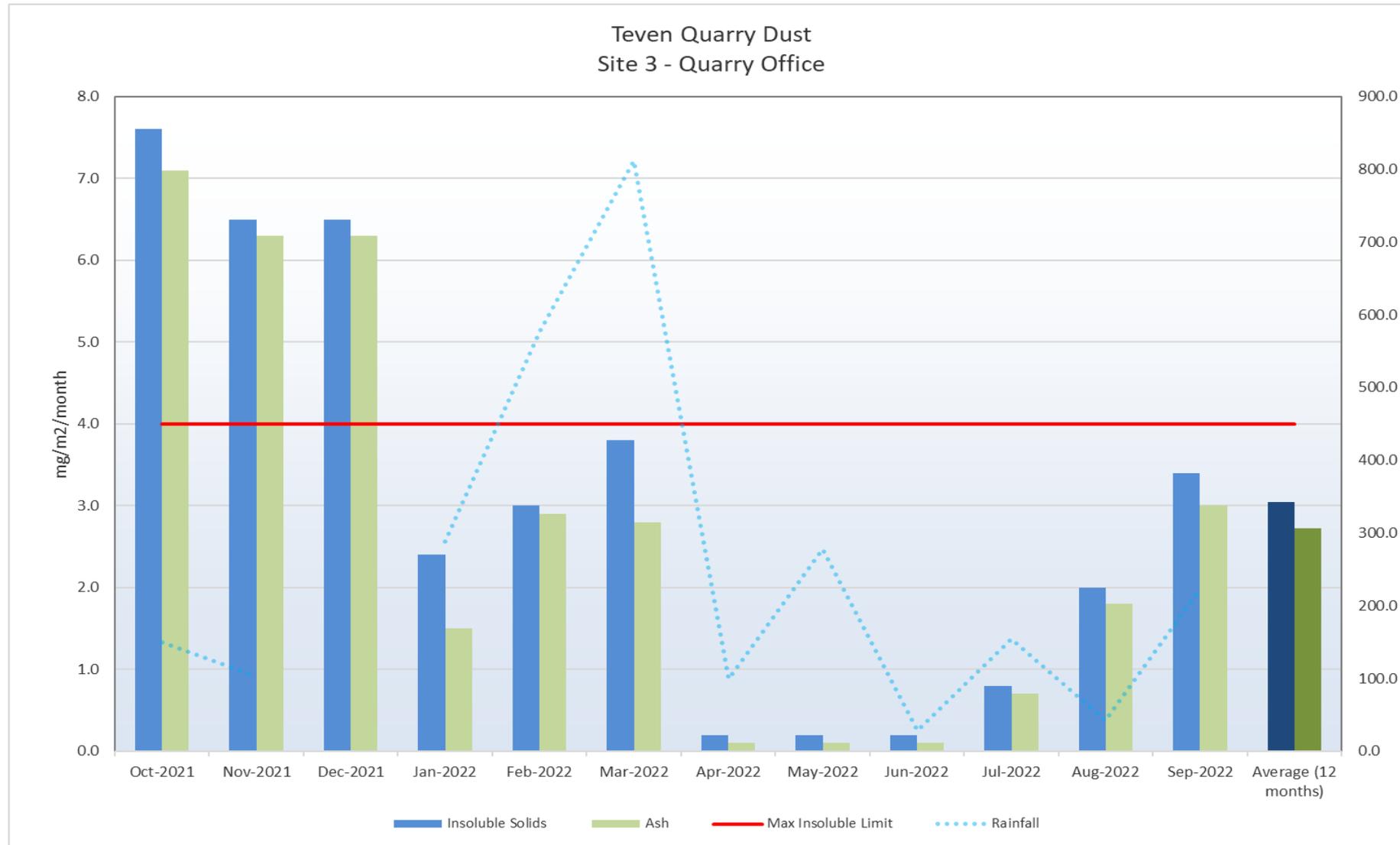
Annual Average Dust Deposition (Insoluble Solids) $0.73 \text{ g} / \text{m}^2 / \text{month}$

Environmental monitoring – Deposited Dust



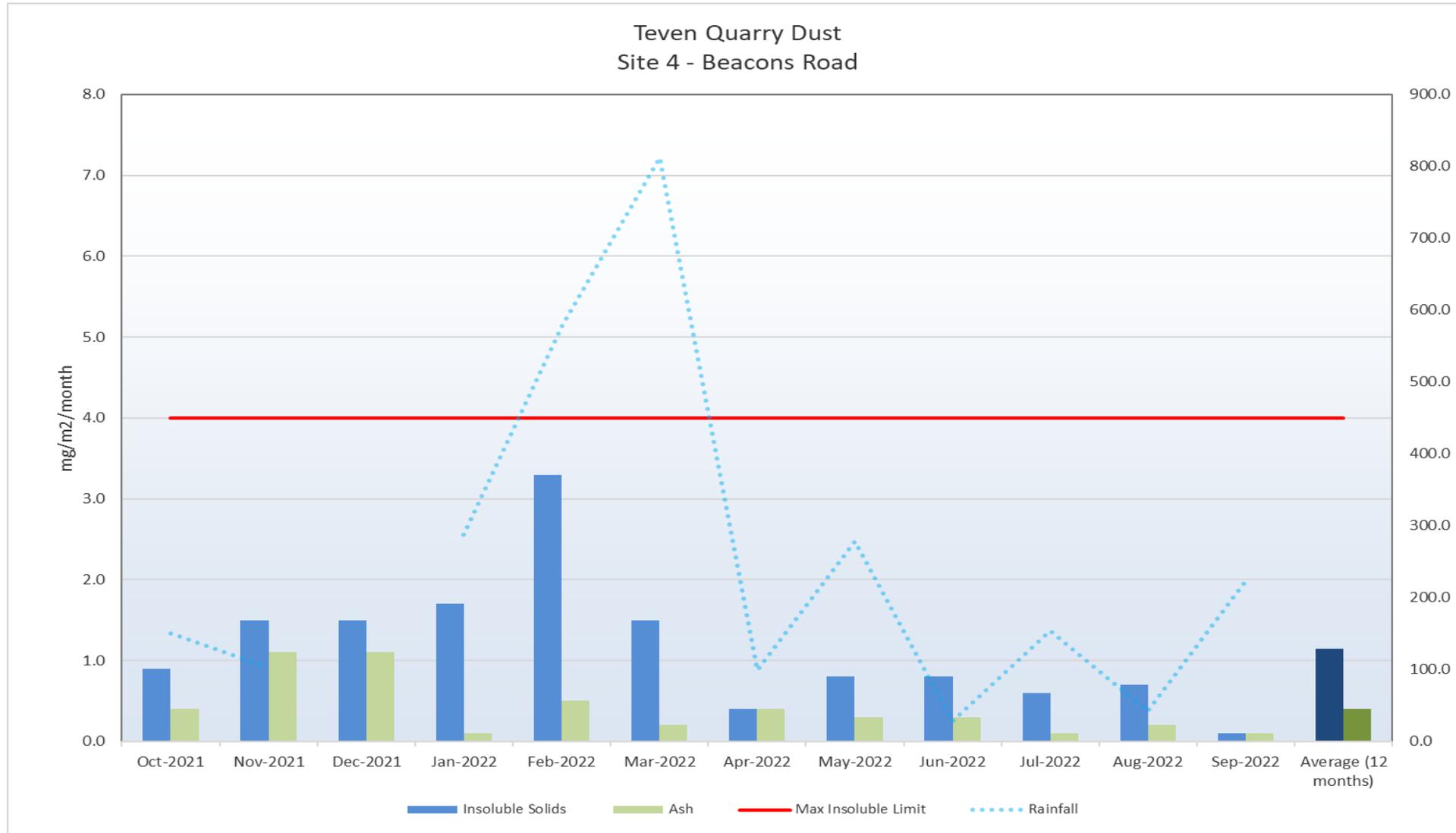
Annual Average Dust Deposition (Insoluble Solids) 0.90 g / m² / month

Environmental monitoring – Deposited Dust



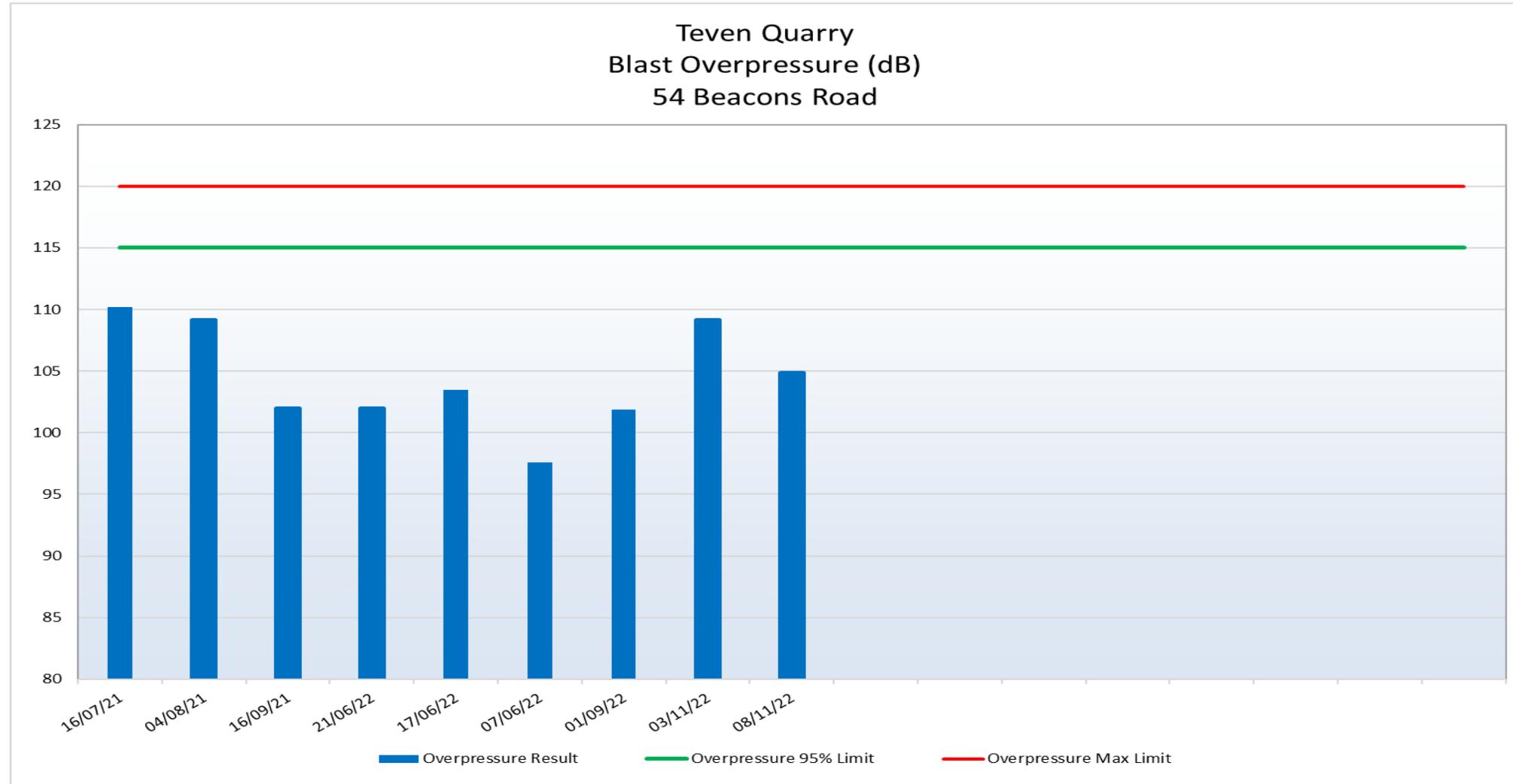
Annual Average Dust Deposition (Insoluble Solids) 3.05 g / m² / month

Environmental monitoring – Deposited Dust

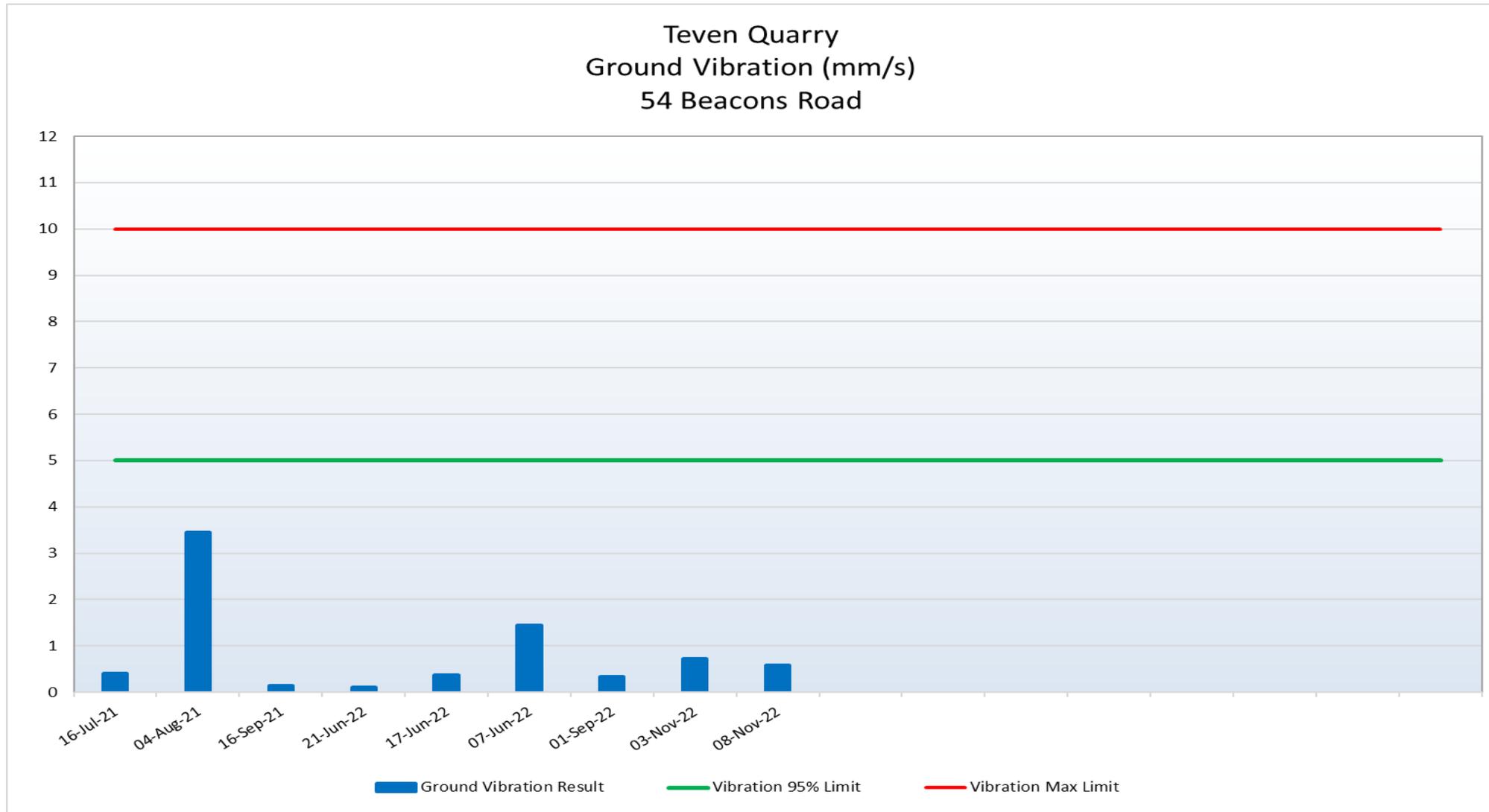


Annual Average Dust Deposition (Insoluble Solids) 1.15 g / m² / month

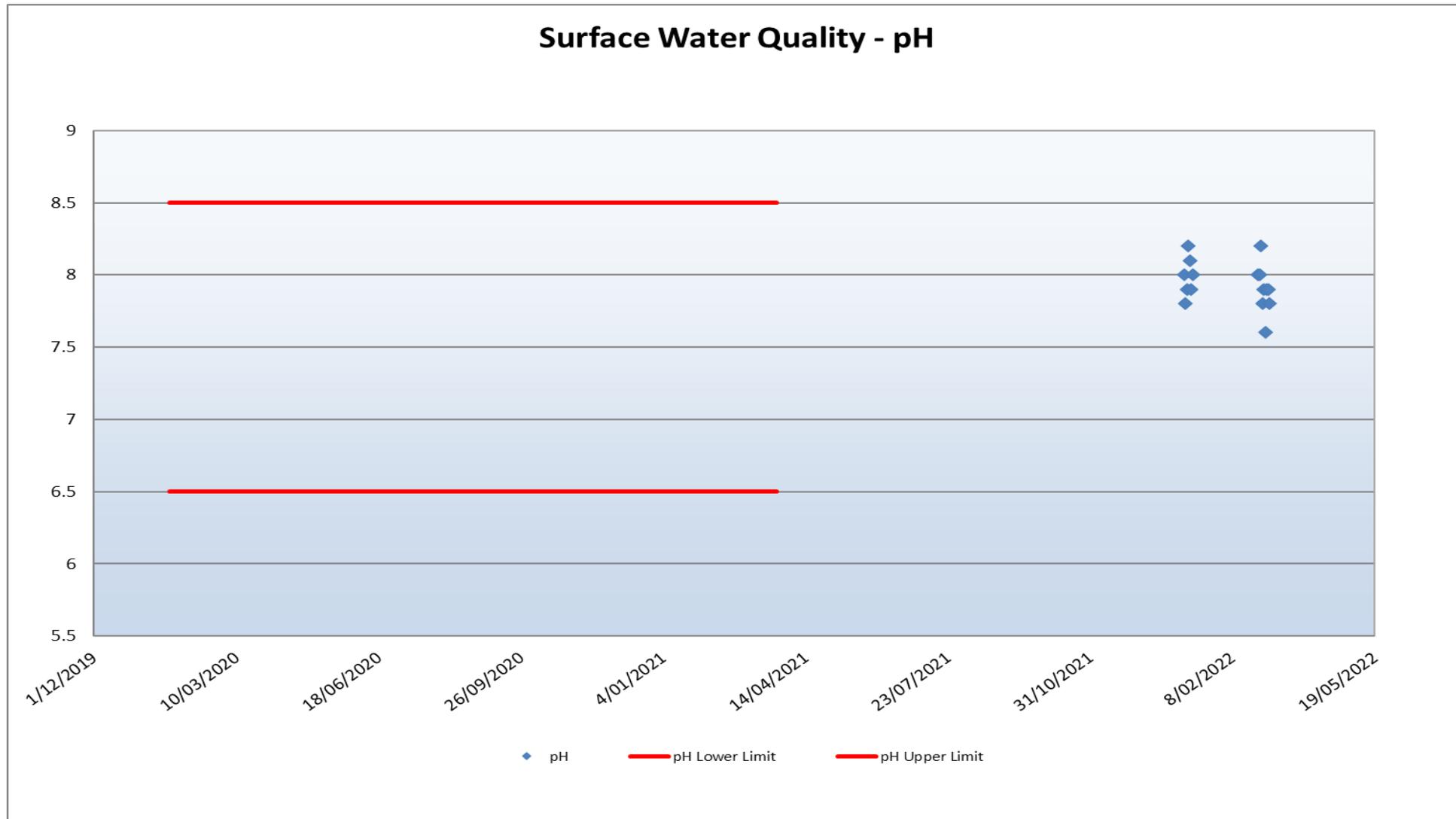
Environmental monitoring – Blast Overpressure



Environmental monitoring – Blast Vibration

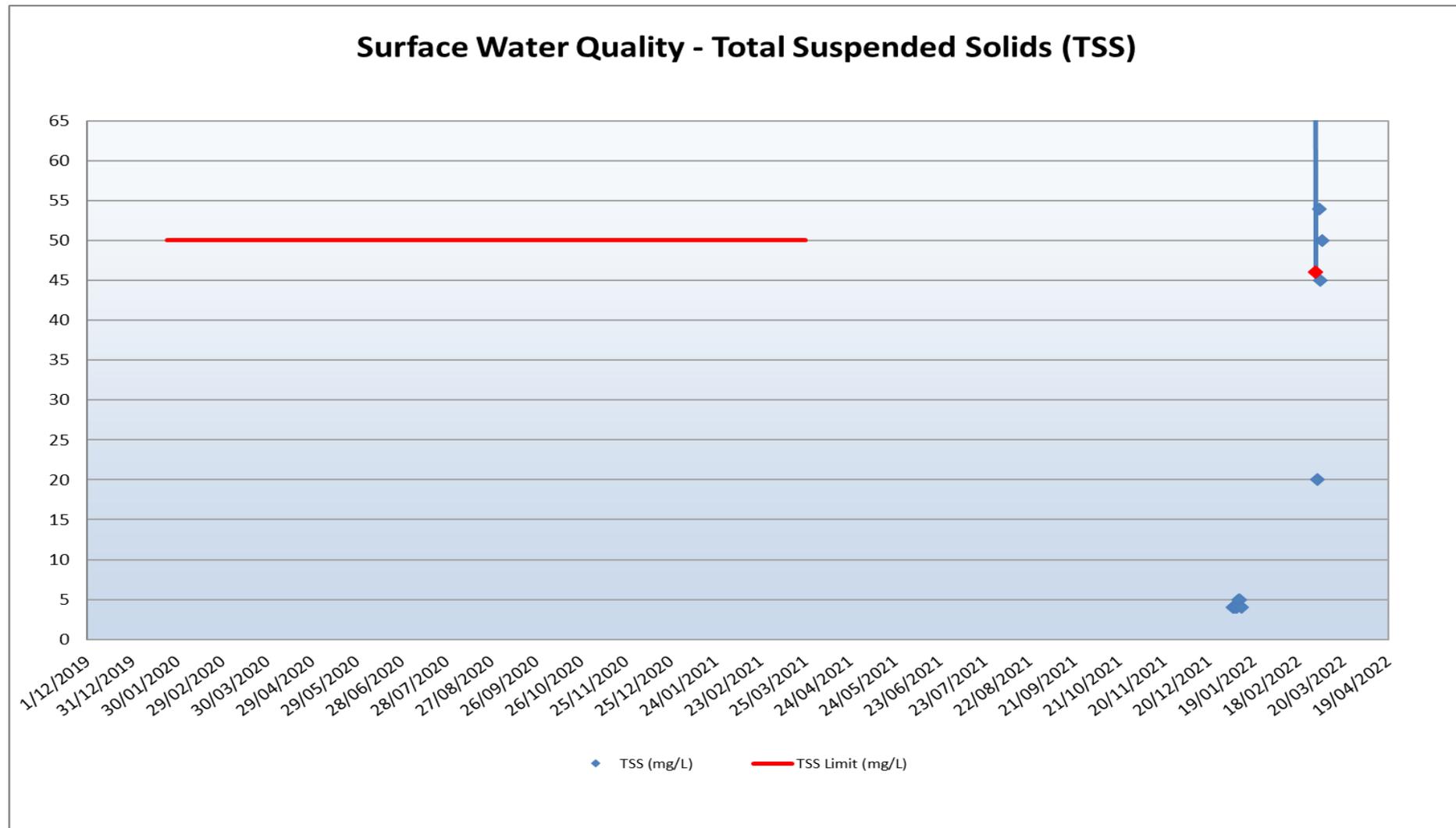


Environmental monitoring – Surface Water Discharge



NO Surface water discharge in period

Environmental monitoring – Surface Water Discharge



NO Surface water discharge in period

Environmental monitoring – Weed Management

■ Weed management

- Engaged Melaleuca Group to undertake a Weed Management Plan for the site
- Main focus areas along property boundary and top of Hill
- Re-establish Vegetation Corridor along Eastern Boundary of property
- Remove weed species from top of Hill
- Works to focus on targeted weeds and maintenance of weed growth



Environmental monitoring

- **BSC Compliance Audit**
- Ballina Shire Council undertook an Environmental Compliance Audit onsite in November.
- No major issues raised by Council.
- Request to supply a separate Annual Environmental Report
- Undertake an audit of Bunding of oils and chemicals onsite

04

Communications update



- The CCC met on 9 May to discuss the postponement of the Whole of Community meeting due to damage at the quarry after severe flooding at the site.
- Due to continued wet weather in the region for most of the year a new date for the WoC meeting needs to be found for early 2023 – July?.
- Kate wrote to Council on two occasions and provided photos of the poor state of roads around the quarry, noting that Boral pays a substantial fee to Council for the upkeep of roads around our site and asked that our neighbours and committee members concerns are given urgent consideration.

05

General business and contacts



General business and contacts

Items of general business

Boral Quarries Teven contacts:

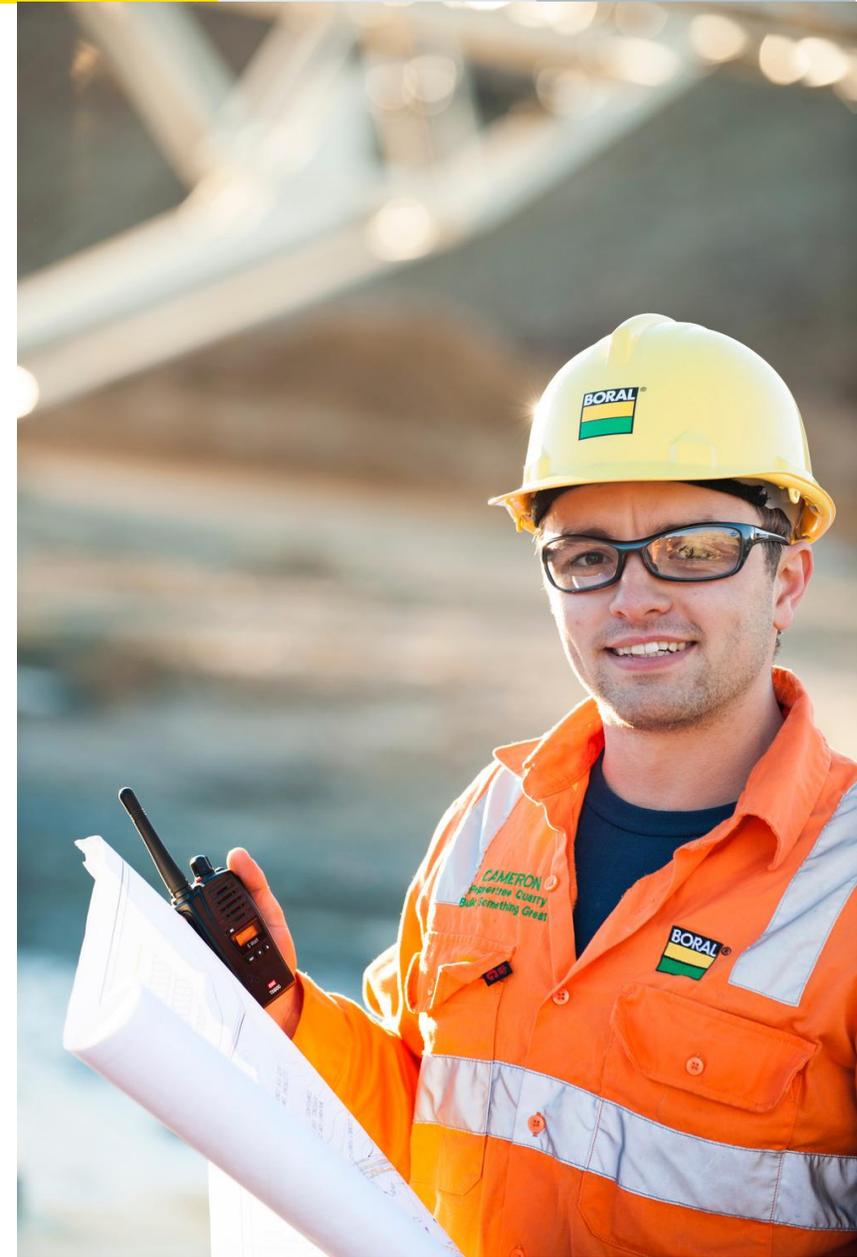
- > **Phil (Dick) Pallisier** Quarry Manager
6687 8360/ 0427 600 194/ Phillip.pallisier@boral.com.au
- > **Kate Woodbridge** Stakeholder Relations Manager
0401 893 815/ kate.woodbridge@boral.com.au
- > www.boral.com.au/tevenquarry
- > feedback@boral.com.au
- > Like us on Facebook: @ Boral Australia

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Next meetings

Next CCC meeting – July 2023

Next 'Whole of Community' meeting
July 2023





Thanks for your participation