

The background of the slide is a photograph of a city skyline at dusk or dawn. The sky is a pale blue-grey. In the foreground, the dark, silhouetted roof of a building is visible on the left. The middle ground is filled with various skyscrapers. A prominent feature is a tall, slender tower with a yellow and red circular observation deck, resembling the CN Tower. To its right, a large building is under construction, with its steel framework visible. Other buildings with lit windows and various architectural styles fill the rest of the skyline. The water of a harbor or bay is visible at the bottom of the frame.

# Teven Community Consultative Committee Meeting

Teven Quarry

14 December 2021

# 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

Nick White, Country Operations Manager – North

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

- Boral will arrange a presentation on blasting practices (with a focus on Teven) at the meeting.
- Neighbours and quarry manager to continue to monitor weed infestation within the quarry boundary.
- Boral will assist to remove dead trees from a common fence line.
- Boral to write to Ballina Shire Council seeking an improved works program for Beacon Road on amenity and safety grounds.

## 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.





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

**ZEROHARM**TODAY





Boral Teven Quarry - Remnant Stripping (Basalt Extraction Area)

Legend

- ↔ Haulage Route for Stripping and Placement
- Water Channel
- Ramp (Undeveloped)
- Emplacement Area Design Lines
- Power Cables
- Power Poles
- Stripping Area (~ 22,000 <-> 25,000 BCM)



# Operations

- > New dust suppression unit operating well
- > Sales are steady to Banyon hill and skimmers head subdivisions.
- > No major safety incidence onsite
- > We are tendering on the Ballina airport upgrade approx. 32000 t
- > We are currently upgrading the site facilities
- > We are going to change out Two conveyors over the Christmas- New Year break
- > The primary wall upgrade will commence in March-April 2022
- > We have sponsored the lions club special needs children Christmas show
- > Teven Quarry is now a non smoking site

# 03

## Environmental Works Update





# Environmental monitoring – Deposited Dust



Deposited Dust <sup>b</sup>	Averaging	
	Period	g/m <sup>2</sup> /month <sup>a</sup>
	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

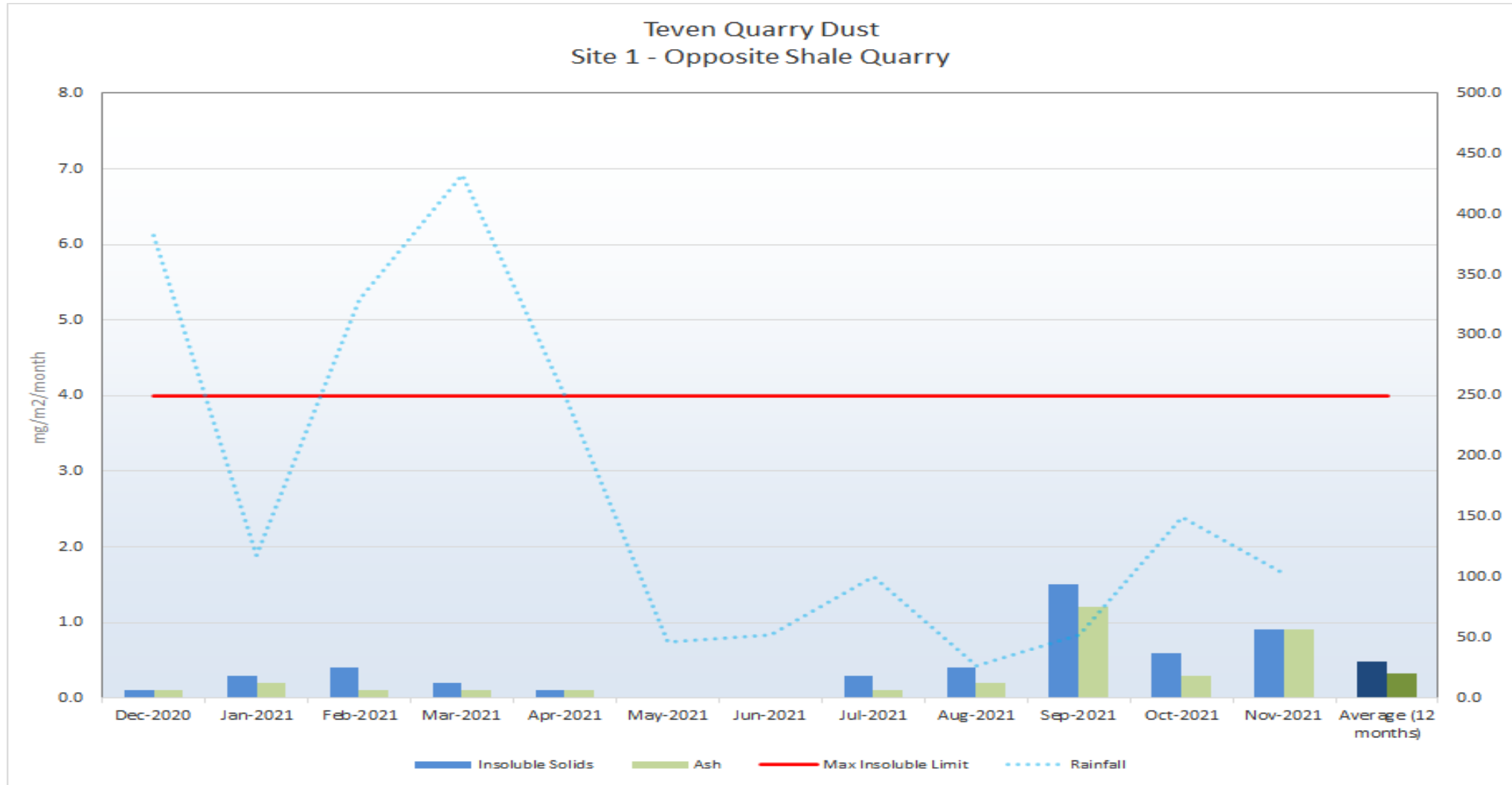
## Average Dust Deposition (Insoluble Solids)

Site 1	0.48 g/m <sup>2</sup>
Site 2	1.12 g/m <sup>2</sup>
Site 3	3.30 g/m <sup>2</sup>
Site 4	0.73 g/m <sup>2</sup>

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

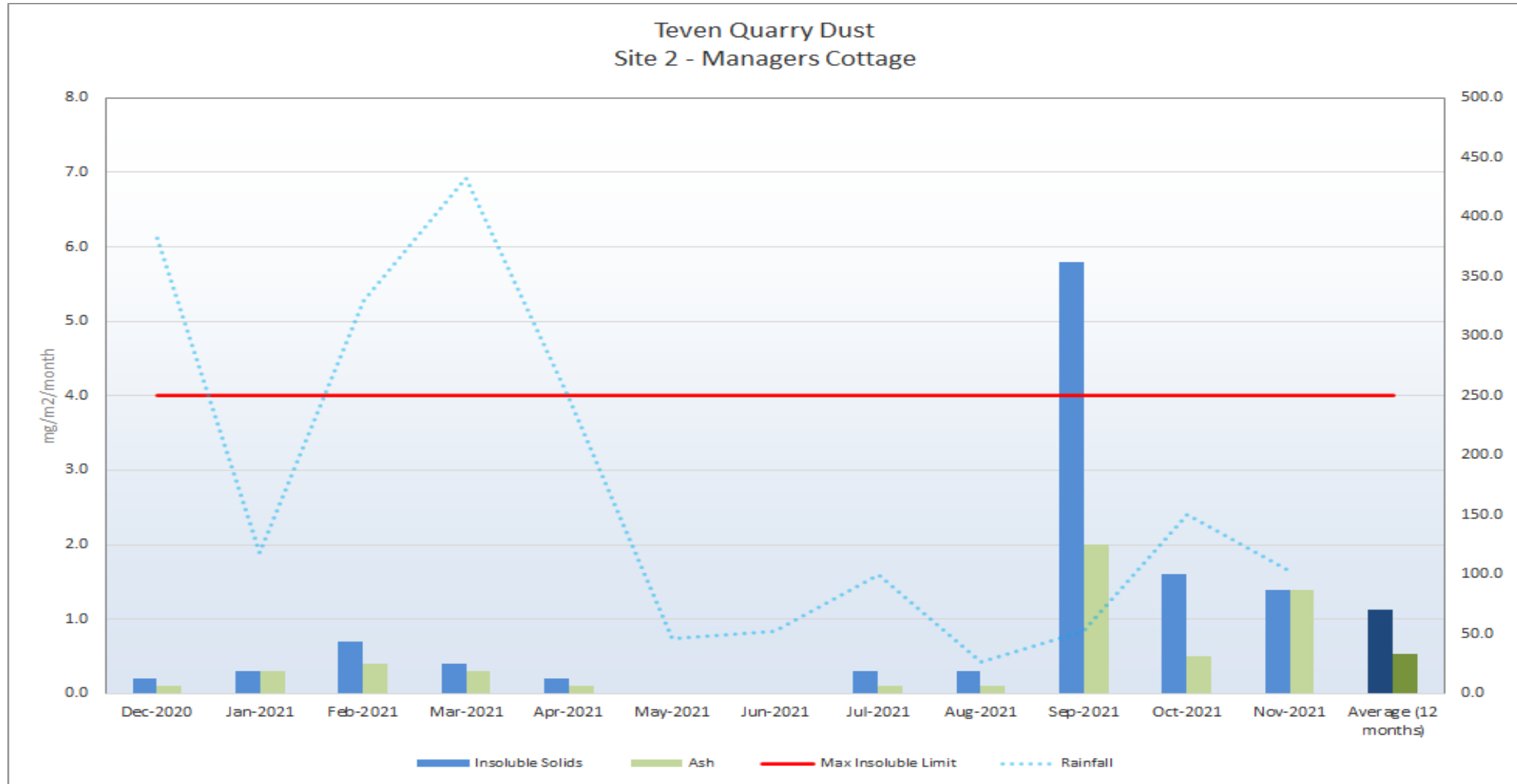
Annual Average Dust Deposition (Insoluble Solids) 0.48 g / m<sup>2</sup> / month

# Environmental monitoring – Deposited Dust



Annual Average Dust Deposition (Insoluble Solids) 0.48 g / m<sup>2</sup> / month

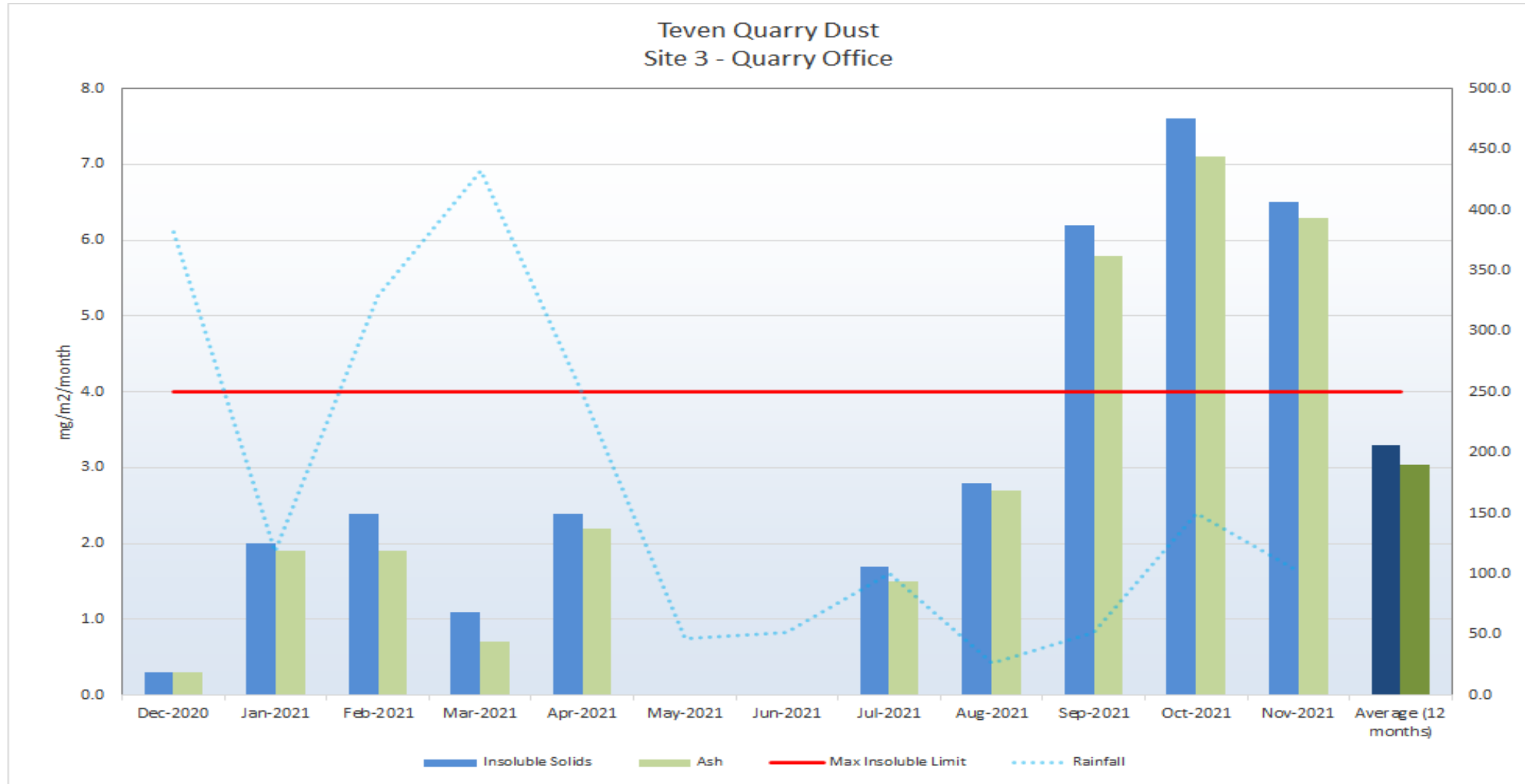
# Environmental monitoring – Deposited Dust



Annual Average Dust Deposition (Insoluble Solids) 1.12 g / m<sup>2</sup> / month

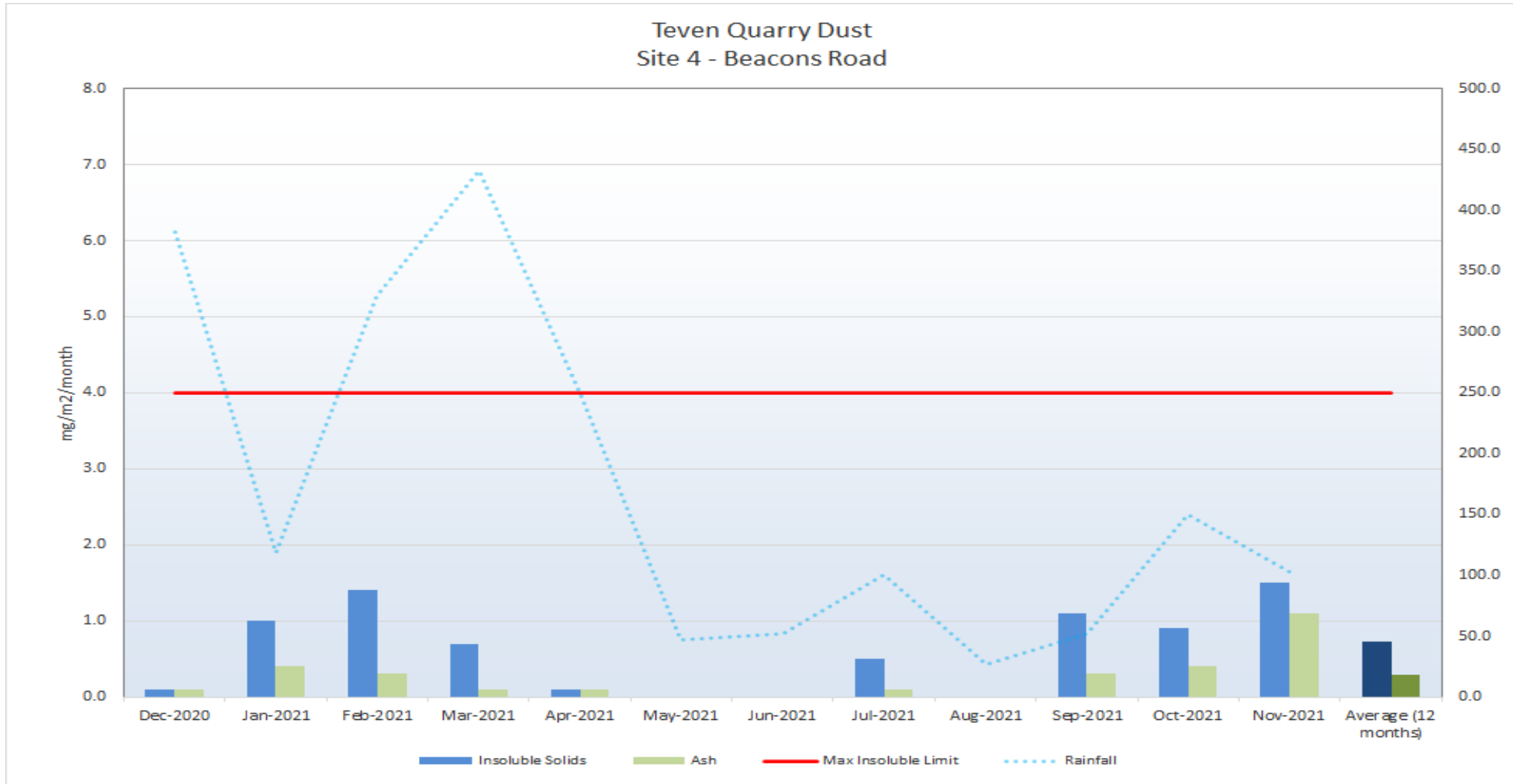


# Environmental monitoring – Deposited Dust



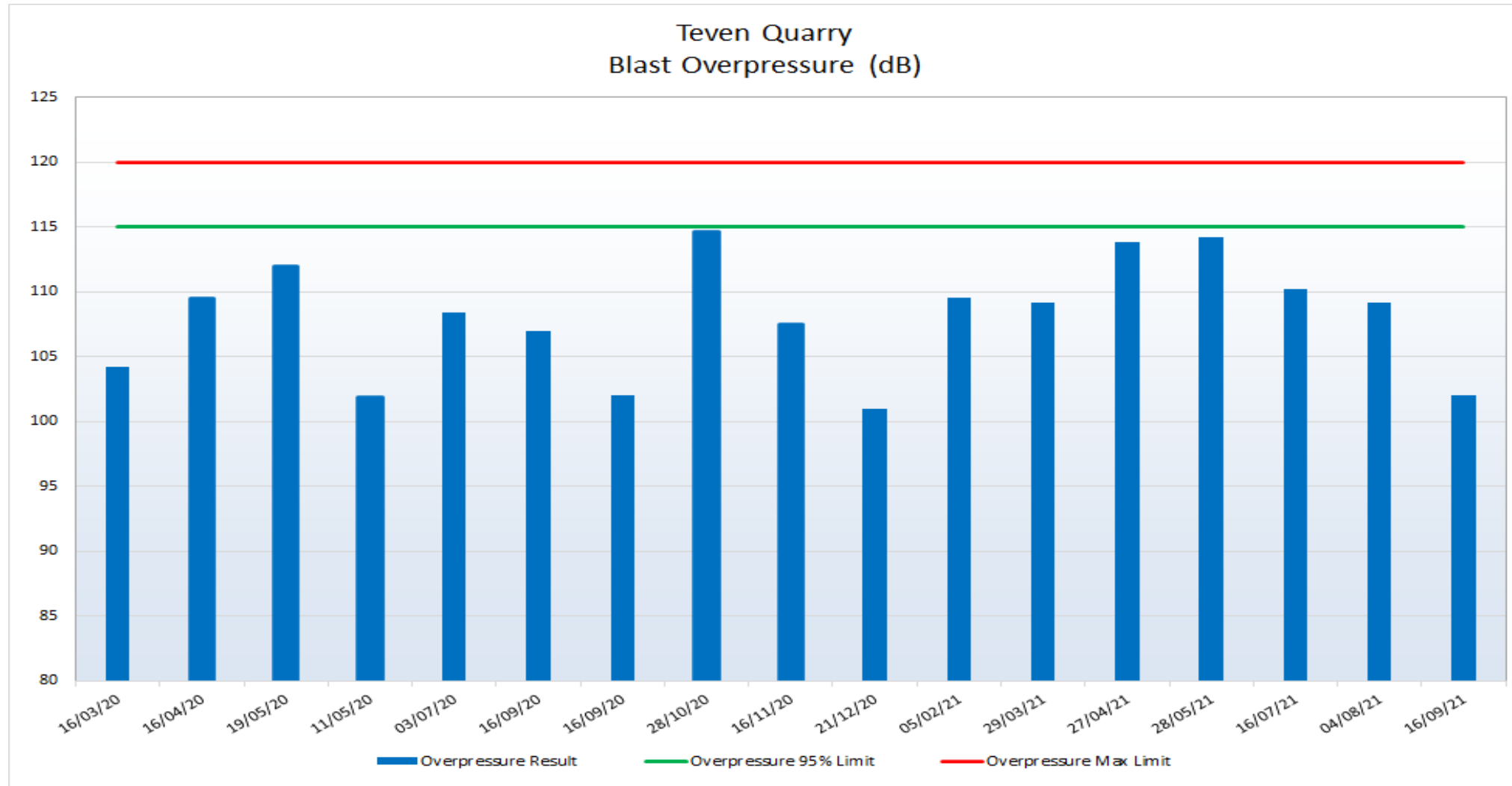
Annual Average Dust Deposition (Insoluble Solids) 3.30 g / m<sup>2</sup> / month

# Environmental monitoring – Deposited Dust



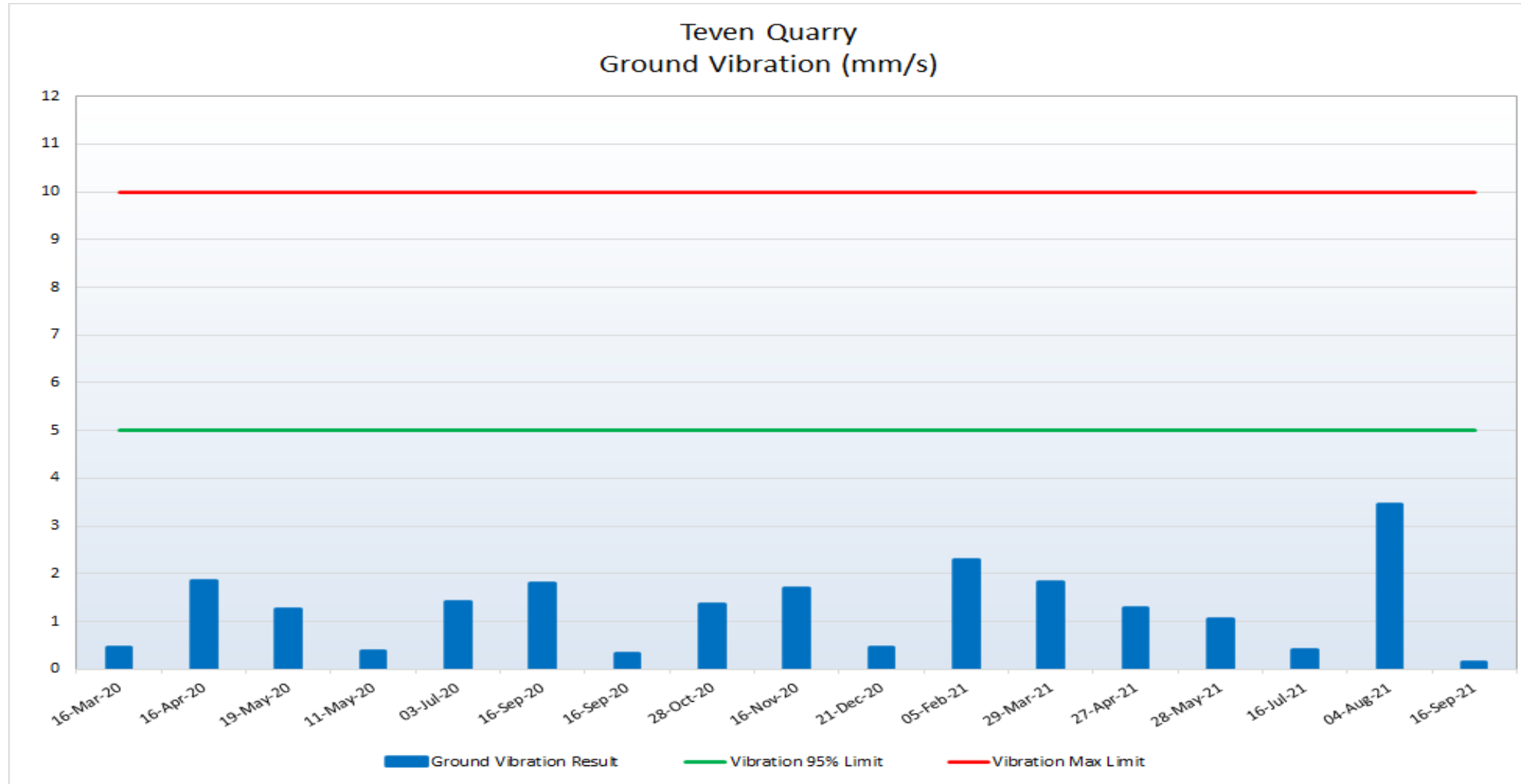
Annual Average Dust Deposition (Insoluble Solids) 0.73 g / m<sup>2</sup> / month

# Environmental monitoring – Blast Overpressure

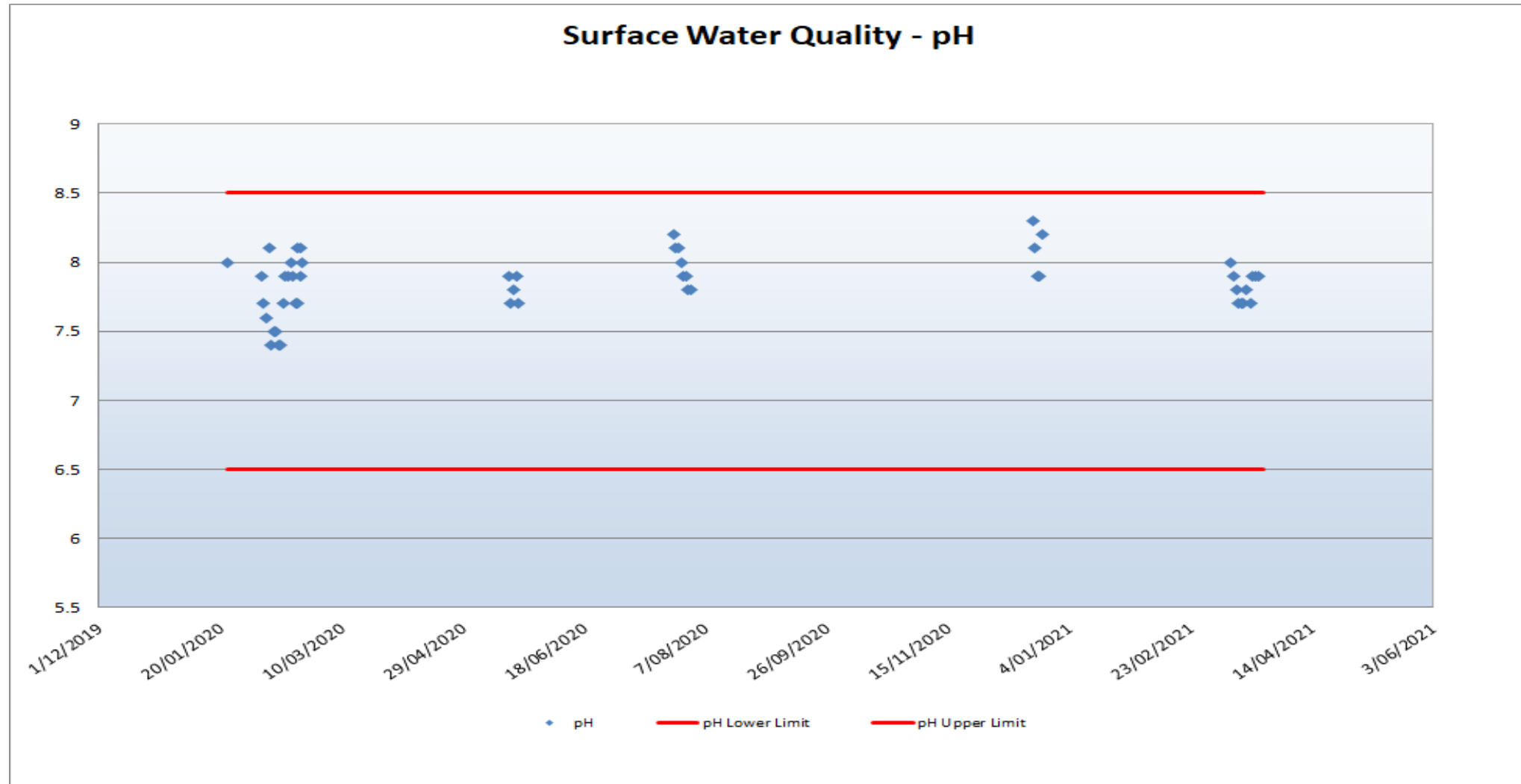




# Environmental monitoring – Blast Vibration

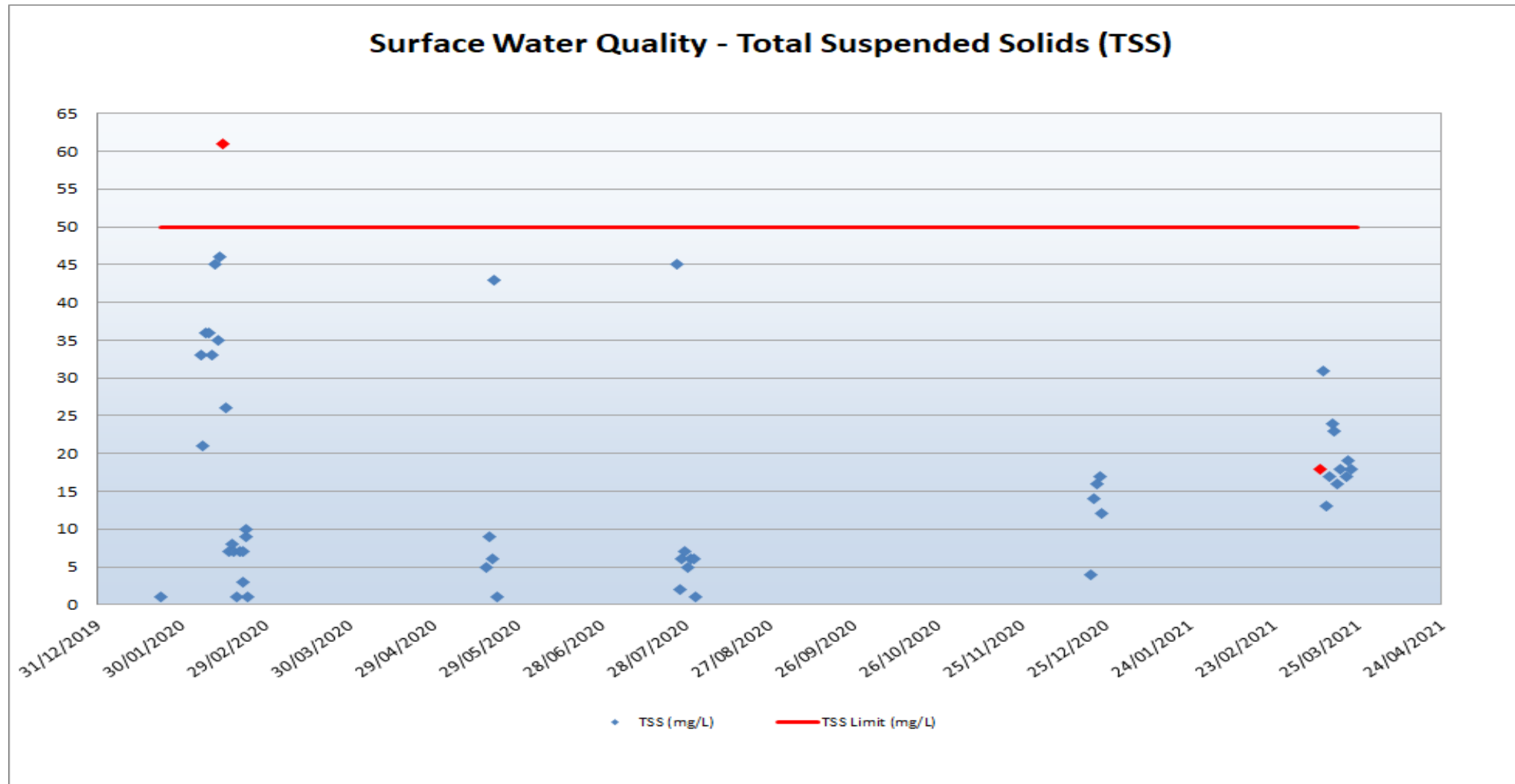


# Environmental monitoring – Surface Water Discharge



NO Surface water discharge in period

# Environmental monitoring – Surface Water Discharge



NO Surface water discharge in period

# Environmental monitoring – Weed Management

- **Weed management**

- Works ongoing
- Main focus areas have property boundary
- Works to focus on targeted weeds around property boundary and top of hill
- Weed Management Plan to be prepared





# Environmental monitoring

- **BSC Compliance Audit**
- Ballina Shire Council undertook an Environmental Compliance Audit onsite in November.
- No major issues raised by Council, still waiting for Audit Report
- Raised Community/site actions:
  - Use of s94 contributions
  - Traffic controls along North Teven Road
  - Removal of Palm Trees along front fence
  - Weed/Tree removal on top of hill
  - Request to supply a separate Annual Environmental Report

# 04

## Communications update



- **Introduction** – Kate Woodbridge new Stakeholder Relations Manager NSW/ACT
- **Media relations** – ongoing communication and announcements will be through media contacts
  - managed by Kate.
- **Local community website** – no changes
- **Community engagement events** - I am currently thinking about community engagement activities for next year and I am keen to hear from anyone on the committee who has anything in particular you would like to see or develop for this site.

# 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](mailto:Phillip.pallisier@boral.com.au)
- > **Kate Woodbridge** Stakeholder Relations Manager  
0401 893 815/ [kate.woodbridge@boral.com.au](mailto:kate.woodbridge@boral.com.au)
- > [www.boral.com.au/tevenquarry](http://www.boral.com.au/tevenquarry)
- > [feedback@boral.com.au](mailto:feedback@boral.com.au)
- > Like us on Facebook: @ Boral Australia

# 06

## Next meetings

Next CCC meeting – 1 June 2022

Next 'Whole of Community' meeting  
1 June 2022





Thanks for your participation