

Peppertree Quarry & Marulan South Limestone

Community Consultative Committee Annual Report 2024

Submitted to the Department of Planning, Housing, and Infrastructure

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1.0 Introduction

This annual report provides a record of the 2024 activities of the combined Community Consultative Committee for the Peppertree Quarry (PTQ) and Marulan South Limestone Mine (MSL), operated by Boral, at Marulan South. The Community Consultative Committee was formed and operates in accordance with:

- Condition A16 of the consent for the Peppertree Quarry (MP06_0074); and,
- Condition A24 of the consent for the Marulan South Limestone Mine Continued Operations Project (SSD 7009).

The respective conditions are in **Appendix A** to this report

Condition A25 of the MSL consent provides for the following:

A25. With the approval of the Planning Secretary, the Applicant may combine the CCC required by this consent with any similar CCC required by a consent or approval for any adjoining mine or quarry subject to common, shared or related ownership or management.

At the commencement of 2023, in accordance with Condition A25, the CCC required by the MSL consent was combined with PTQ CCC which adjoins the MSL operations and in common ownership of Boral. The PTQ CCC has been in existence since 2008. The combined CCC was formed following an Expression of Interest process through the local media and community newsletters process seeking nominations for local community representatives.

2.0 Peppertree Quarry and Marulan South Limestone Mine CCC

The Combined Peppertree Quarry and Marulan South Limestone Mine Community Consultative Committee was established and first met on 15 February 2023. The combined CCC includes members who have been part of the Peppertree Quarry CCC since 2008.

2.1 Committee Members

In 2024, the committee comprised the following members:

- Gordon Kirkby (Independent Chair)
- Geoff Clarke (Community representative, Tallong Community Focus Group)
- Mayor Peter Walker (Goulburn Mulwaree Council) – until September 2024
- Russell Montgomery (community representative)
- Charles Mendel (community representative)
- Councillor Bob Kirk (Goulburn City Council) – appointed by Council on 26 November 2024

The Boral representatives were as follows:

- Ijeoma Ehighibe (Environment and Stakeholder Advisor PTQ)
- Therese Thomas (Environment and Stakeholder Advisor MSL) – March/July
- Crystal Perry (Environment and Stakeholder Advisor MSL) – July/November
- Frank Lourey (Production Manager PTQ) – March/July
- Andy Coe (Production Manager PTQ) – November
- Les Longhurst (Project Manager MSL) – March/July
- Anne-Elisabeth Champon (Project Manager MSL) - November

The Committee membership is in accordance with the requirements of the *Department's Community Consultative Committee Guidelines: State Significant Projects (2019)* and the development consents.

All committee members have signed the Declaration of Pecuniary and Non-Pecuniary Interests.

2.2 Committee Meetings

During 2024, there were three meetings of the Committee:

- 16 March 2024 – held at Marulan South Limestone Quarry Offices
- 3 July 2024 – held at Peppertree Quarry Offices
- 20 November 2024 - held at the Peppertree Quarry Offices

2.3 Committee Conduct

The conduct of the Committee has been undertaken in accordance with the Code of Conduct in the Department's *Community Consultative Committee Guidelines for State Significant Projects (November 2016)*. No breach of the guidelines have been identified or reported.

2.3.1 Committee Meetings

The presentation and minutes of the Committee Meetings are included in **Appendix B**.

3.0 Boral Community Activities during 2024

3.1 Boral Community Plan

Boral undertakes community activities in accordance with the Community Plan. The plan covers both the Peppertree Quarry as well as the nearby Boral Marulan South Limestone Operations and identifies stakeholders, set the approach for engagement activities and communication and evaluates the success of the plan through stakeholder feedback and review.

The Community Plan 2023-26 is the current endorsed plan.

3.2 Boral Community Updates

Boral provides regular community updates by way of a newsletter to the surrounding community. In 2025, newsletters were released in February, April, May, September and December. Copies are at **Appendix C**.

3.3 Community Initiatives

During 2024, Boral took part in or supported the following community activities

- Goulburn Careers Expo
- Donation to rural Fire Service Flood Light program
- Printing of Marulan Historical Society booklet
- Printing of Tallong Newsletter
- Printing of Marulan Messenger Newsletter
- Goulburn Mulwaree Community Bike Ride
- Tallong Apple festival

3.4 Community Complaints Register

Public feedback register is maintained by Boral and complaints received are reported on as an agenda item in each CCC meeting (see **Appendix D**) and in the Annual Review which is submitted to the Department of Planning and Environment.

During 2024 one complaint was received by PTQ .No complaints were received by MSL. The nature of the complaint and the outcome of the investigation into the complaint is summarised in **Table 1** below:

Table 1 2024 Complaints Register

| Source: | | | |
|------------------|-----------|---|---|
| Date | Operation | Nature of Concern | Outcome of Investigation |
| 26 & 27 May 2024 | PTQ | EPA officers advised of an anonymous dust complaint made to their information line regarding dust emissions at Peppertree | The EPA were visiting Peppertree quarry and advised in discussion of an anonymous complaint regarding dust on the 26th & 27th May 2024. The complaint was general in nature and no action required. |

Source: Boral Community Complaints Register

Appendix A – CCC Conditions

Marulan South Hard Rock Quarry and Associated Infrastructure (Peppertree Quarry)(MP 06-0074)

COMMUNITY CONSULTATIVE COMMITTEE

A16. *The Applicant must operate a CCC for the development, to the satisfaction of the Planning Secretary. This CCC must be operated in general accordance with the Department's Community Consultative Committee Guidelines: State Significant Projects (2019).*

Notes:

- *The CCC is an advisory committee. The Department and other relevant agencies are responsible for ensuring that the Applicant complies with this consent.*
- *In accordance with the Guidelines, the Committee should comprise an independent chair and appropriate representation from the Applicant, Council and the local community.*
- *This condition may be fulfilled by the operation of a regional CCC for Boral's mining and quarrying activities in the Marulan area.*

Marulan South Limestone Mine Continued Operations Project (SSD 7009)

COMMUNITY CONSULTATIVE COMMITTEE

A24. *Before the commencement of development under this consent, a Community Consultative Committee (CCC) must be established for the development in accordance with the Department's Community Consultative Committee Guidelines: State Significant Projects (2019). The CCC must continue to operate during the life of the development, or other timeframe agreed by the Planning Secretary.*

Notes:

- *The CCC is an advisory committee only.*
- *In accordance with the Guidelines, the Committee should comprise an independent chair and appropriate representation from the Applicant, Council and the local community.*
-

A25. *With the approval of the Planning Secretary, the Applicant may combine the CCC required by this consent with any similar CCC required by a consent or approval for any adjoining mine or quarry subject to common, shared or related ownership or management.*

Appendix B – CCC Presentations and Minutes

Community Consultative Committee

Peppertree Quarry & Marulan South Limestone
March 2024



AGENDA

1. Welcome and introductions
2. Confirmation of minutes and actions
3. Business arising
4. Correspondence
5. Operations over the last 3 months
6. Environmental performance
 - a. Incidents
 - b. Complaints
 - c. Air
 - d. Noise
 - e. Blast
 - f. Water – surface and ground
 - g. Heritage
 - h. Ecology
7. Stakeholder Engagement
8. Plans for the next 3 months
9. General Business
10. Next meetings - June 2024





Building
something
great

01

Welcome and apologies



02

**Confirmation of
minutes**



Building
something
great



03

Business arising



Building
something
great

04

Correspondence Nov 2023 – Feb 2024



Peppertree Quarry

Department of Planning and Environment

Update of Environmental Management Plans
Annual Review to be submitted 28th of March

EPA

Submitted EPL variation

Resources Regulator

Regulator Targeted education program - Roads
and other vehicle operating areas

Goulburn Mulwaree Council

Nil

Geoff Clark

Weather data reviews – weather station monthly
reviews

Marulan South Limestone

EPA

- Submitted Annual Return

Resources Regulator

- Rehabilitation Management Plan finalised
- Planned Mobile Plant Fire and Health Control Plan inspection as part of RR targeted intervention program

BCT

- Retirement of credits

Department of Planning and Environment

- Engagement of Independent Auditor
- Rehabilitation Management Plan finalisation

Goulburn Mulwaree Council

- Work ongoing on designs of upgrade for Marulan South Road. Road upgrade scheduled for Mid 2025
- Section 7.11 contributions

Geoff Clark

Weather data reviews – weather station



05

Operations
Past 3 months

Peppertree Quarry

Safety

No LTI/MTI over the last three months. Hazard reporting has improved. Safety training on Mental health, Emergency Response for Bush fire Preparedness training, Oil spillage, and Fire extinguisher training. Peppertree celebrated one year of zero MTI and three years LTI.

Overburden

Construction of the South western overburden (Mod 5) continued with 2.3 million tonnes of overburden emplaced in a year (Jan- Dec 2023)

Pit Update

The mobile primary crusher continues on RL555 level via the new conveyor system that grants the in-pit crusher access to rock materials to the north-east and allows it to head in a south-easterly direction.

Processing (STQ)

Production on target.

People



Building something great
New Lab technician.

Marulan South Limestone

Safety

Following NSW wide regulator lifting and crane intervention we have undertaken a risk assessment on site and are working through task SWMS.

Trained two mental health champions on site. Site leader stop for safety. Attended a regulator mechanical engineering forum. Ongoing commitment to maintain currency of employee skills including various trades and high-risk activities

Overburden

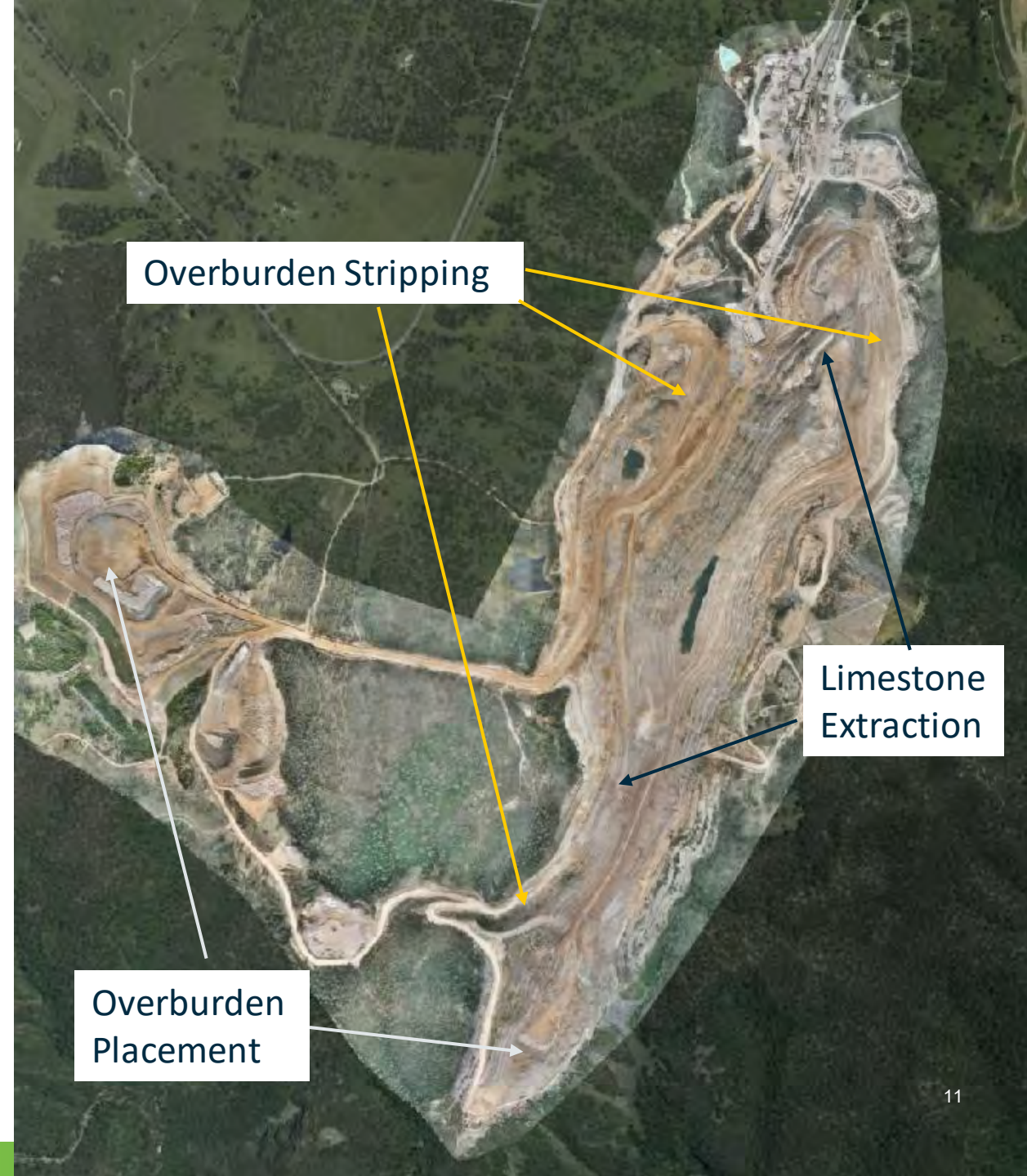
Overburden stripping has been progressing at a steady 375,000t/month.

Limestone Extraction

Extracting at a rate of 250,000t/month.

People

Total of 96 employees on site. Engaged three apprentices as a fitter, boiler and electrician and upgraded a fitter apprentice to a dual plant mechanic apprenticeship. 20 and 10 year anniversary celebrated.



06

Environmental Performance



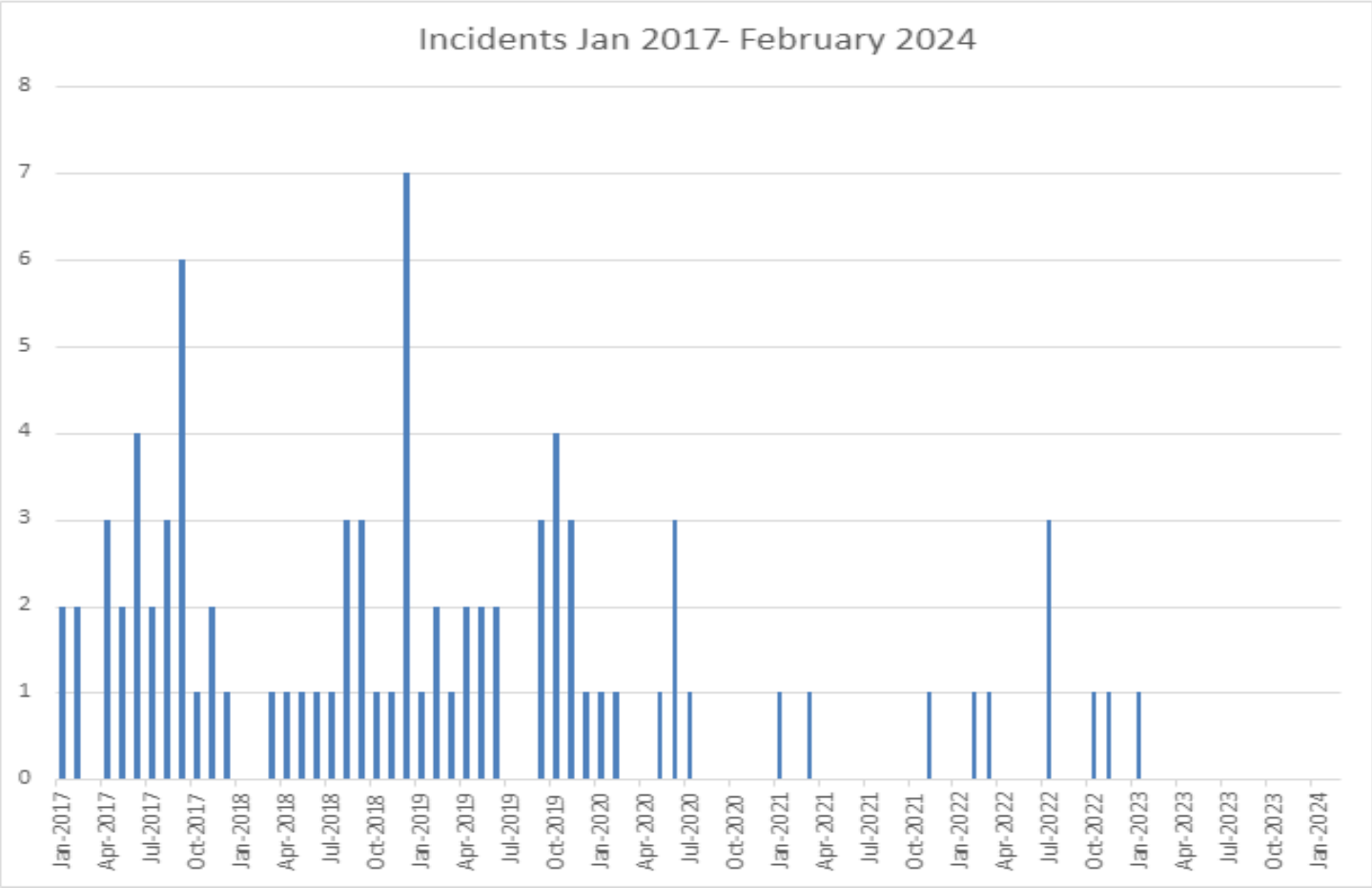
06.1

Environmental Performance Peppertree Quarry



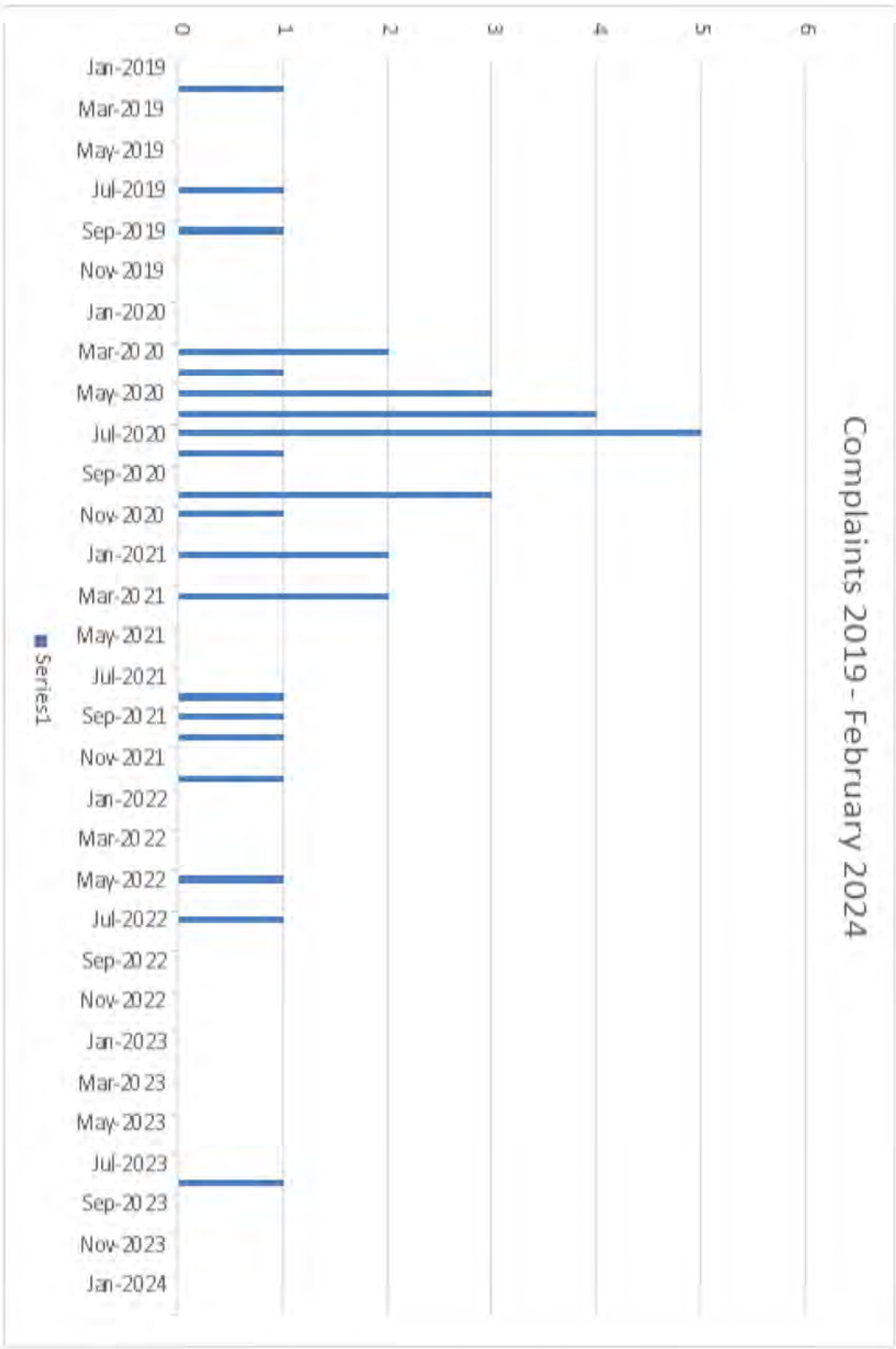
Building
something
great

Environmental Incidents Jan 2017 to Feb 2024



Nil Incidents (November to February)

Environmental Complaints Jan 2017 to Feb 2024

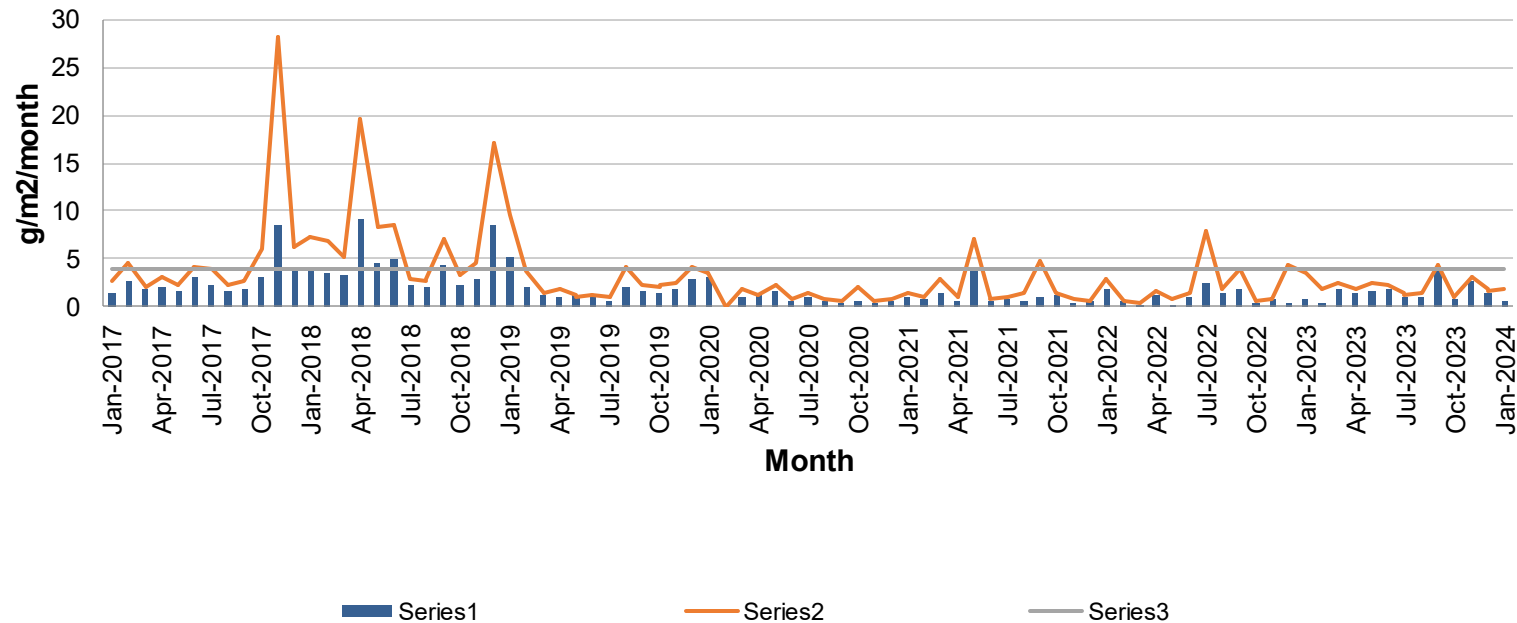


> Noise – 0 (November 2023 to February 2024)

Air – Dust deposition Gauge D1



Peppertree Quarry Deposited Dust 2017 - 2024
Onsite (NW boundary)



Annual Average goal of 4gm²/month

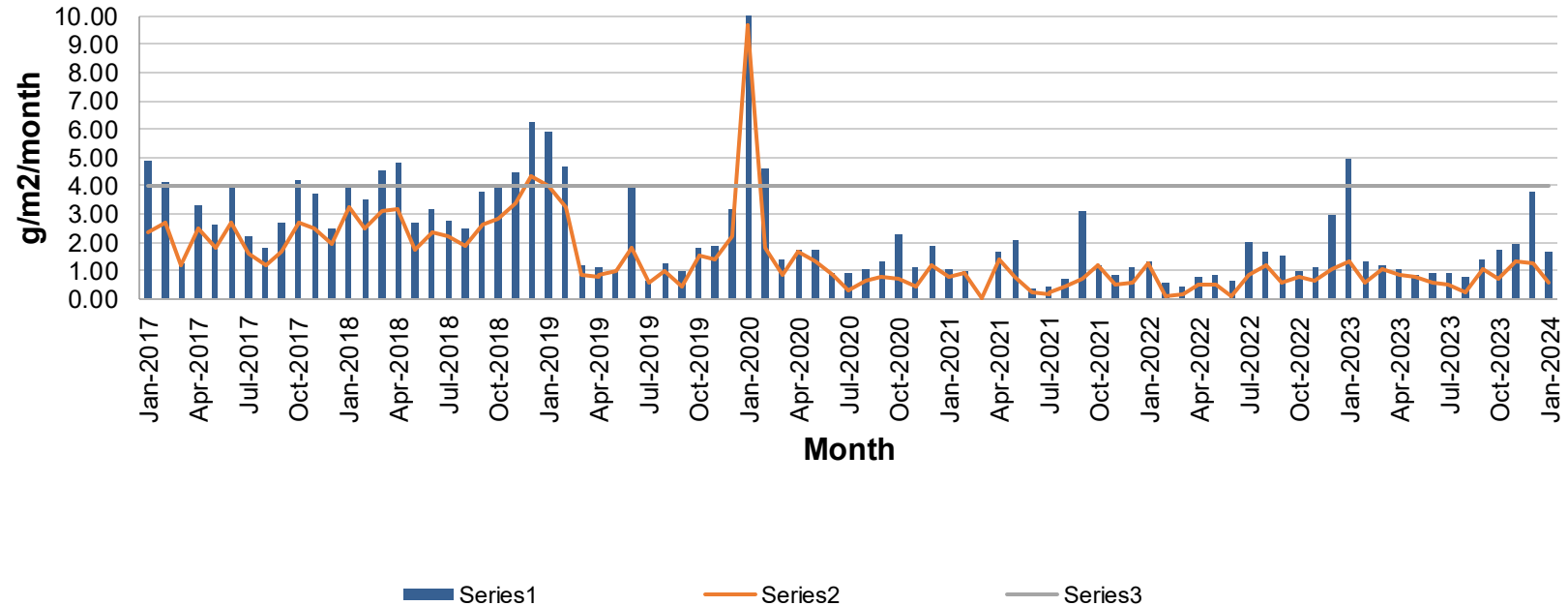
In compliance

Annual average below goal at the boundary

Air – Dust Deposition Gauge D2



Peppertree Quarry Deposited Dust 2017 - 2024
683 Marulan South Road



Annual Average goal of 4gm2/month

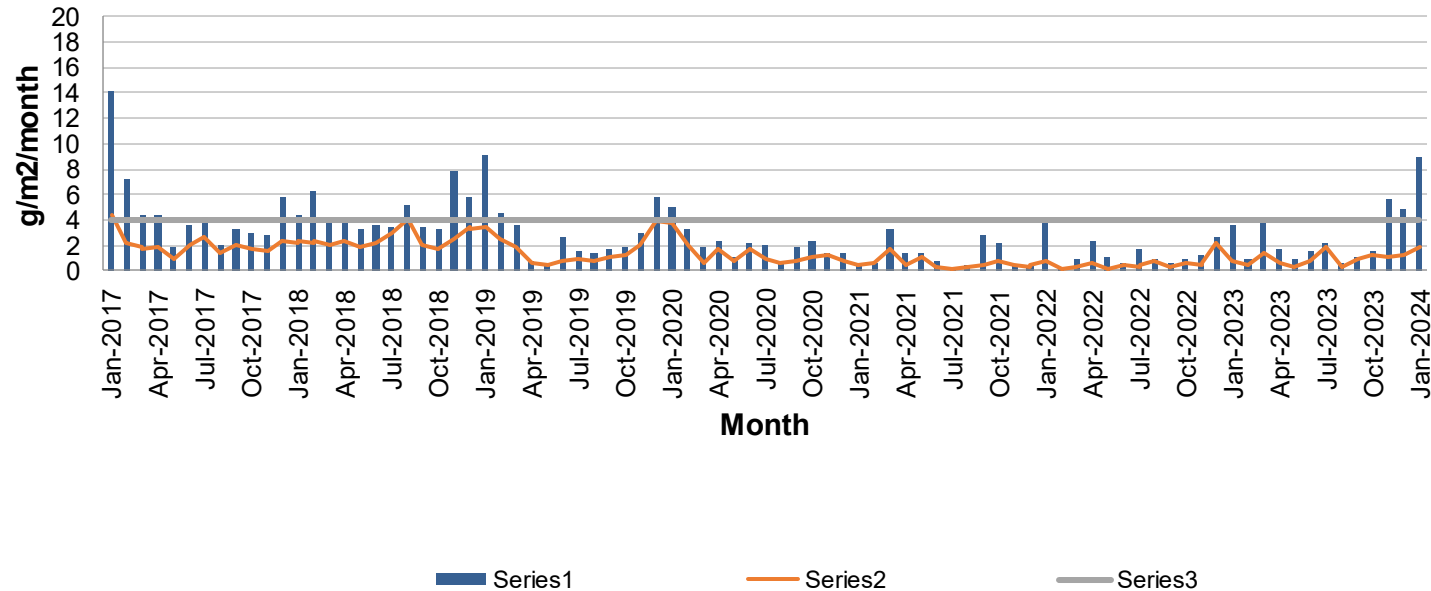
In compliance

Annual average below goal at the boundary

Air – Dust Deposition Gauge D3



Peppertree Quarry Deposited Dust 2017 - 2024
432 Long Point Road, Tallong



Annual Average goal of 4gm2/month

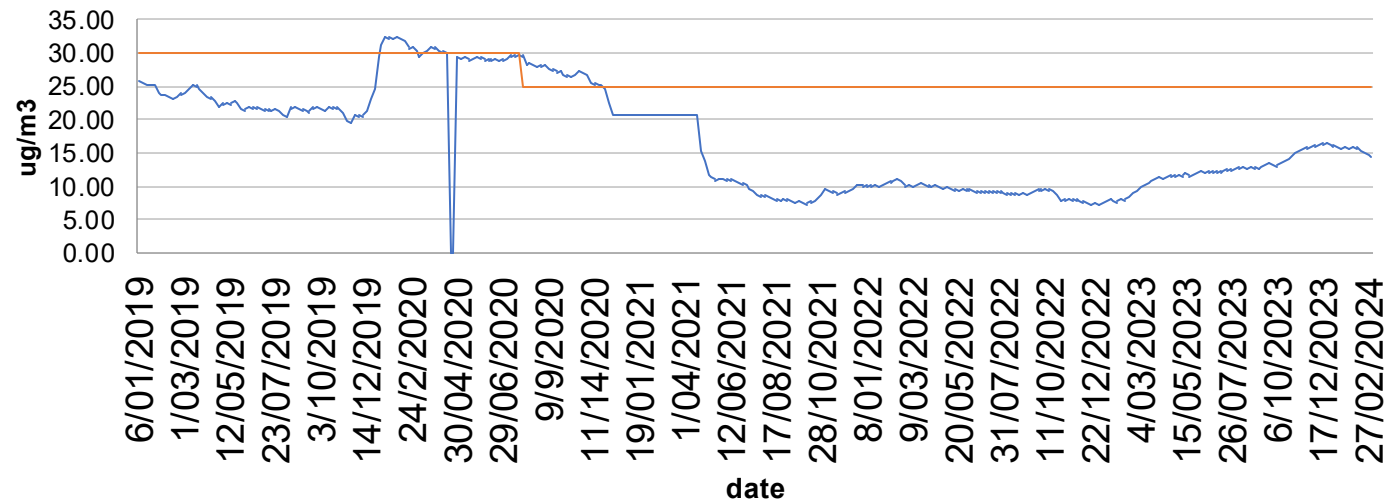
In compliance with the extrapolated Todoroski data to the Boundary.

Annual average below goal at the boundary

Air – PM10 annual average



Peppertree Quarry PM10 annual average trend 2014 - 2024



— running annual average — PM10 annual average goal

Annual Average goal of 25 $\mu\text{g}/\text{m}^3$

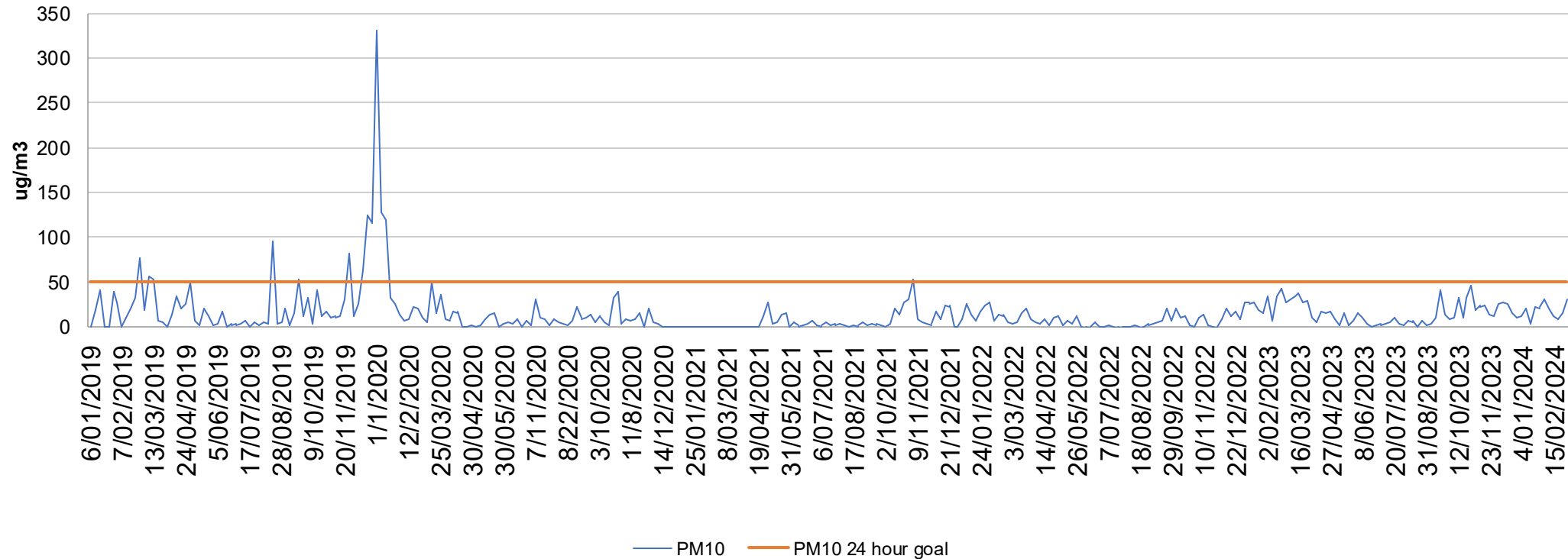
In compliance

Annual average below goal at the boundary

Air – PM10 24 Hour performance



Peppertree Quarry PM10 24 hour performance 2019-2024



24 hour goal of 50ug/m3

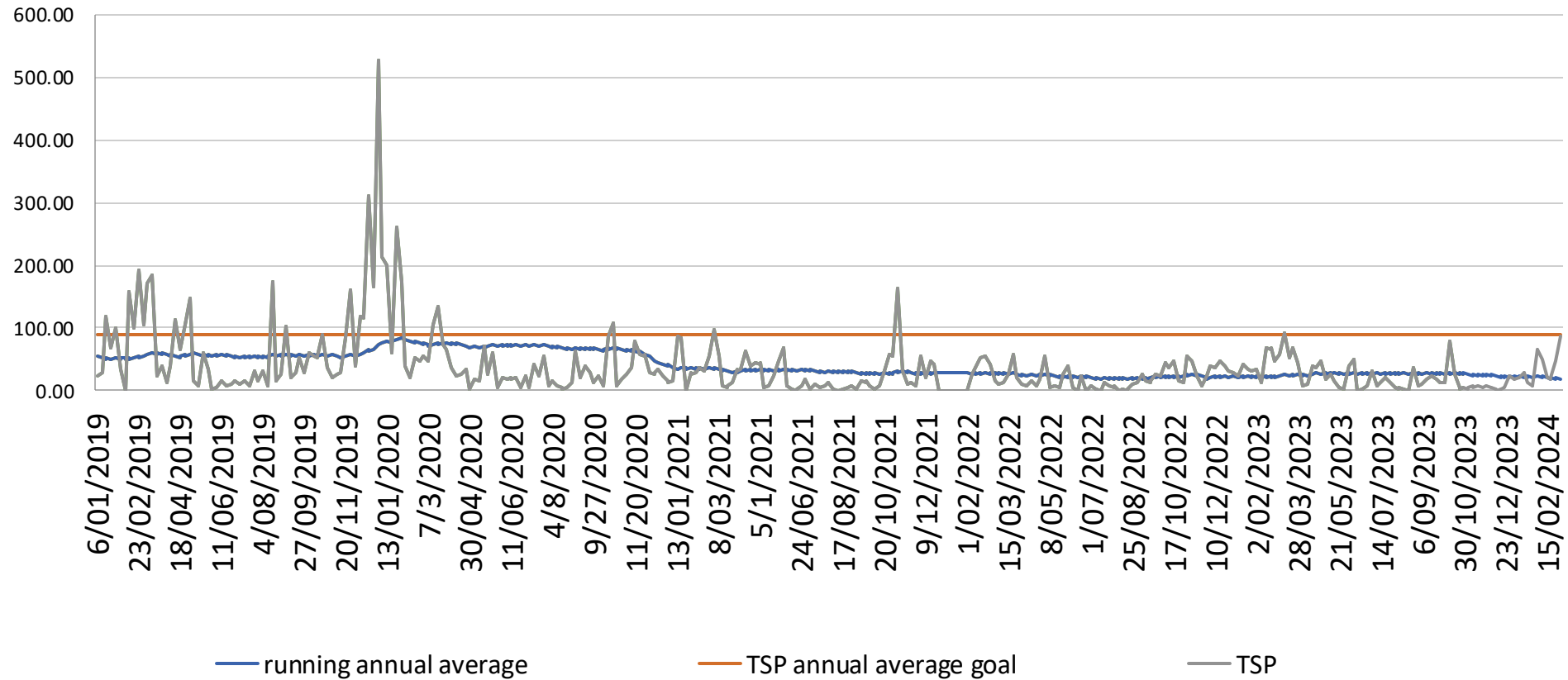
In compliance

Annual average below goal at the boundary

Air – Total Suspended Particulates



TSP Annual average trend 2019 - 2024

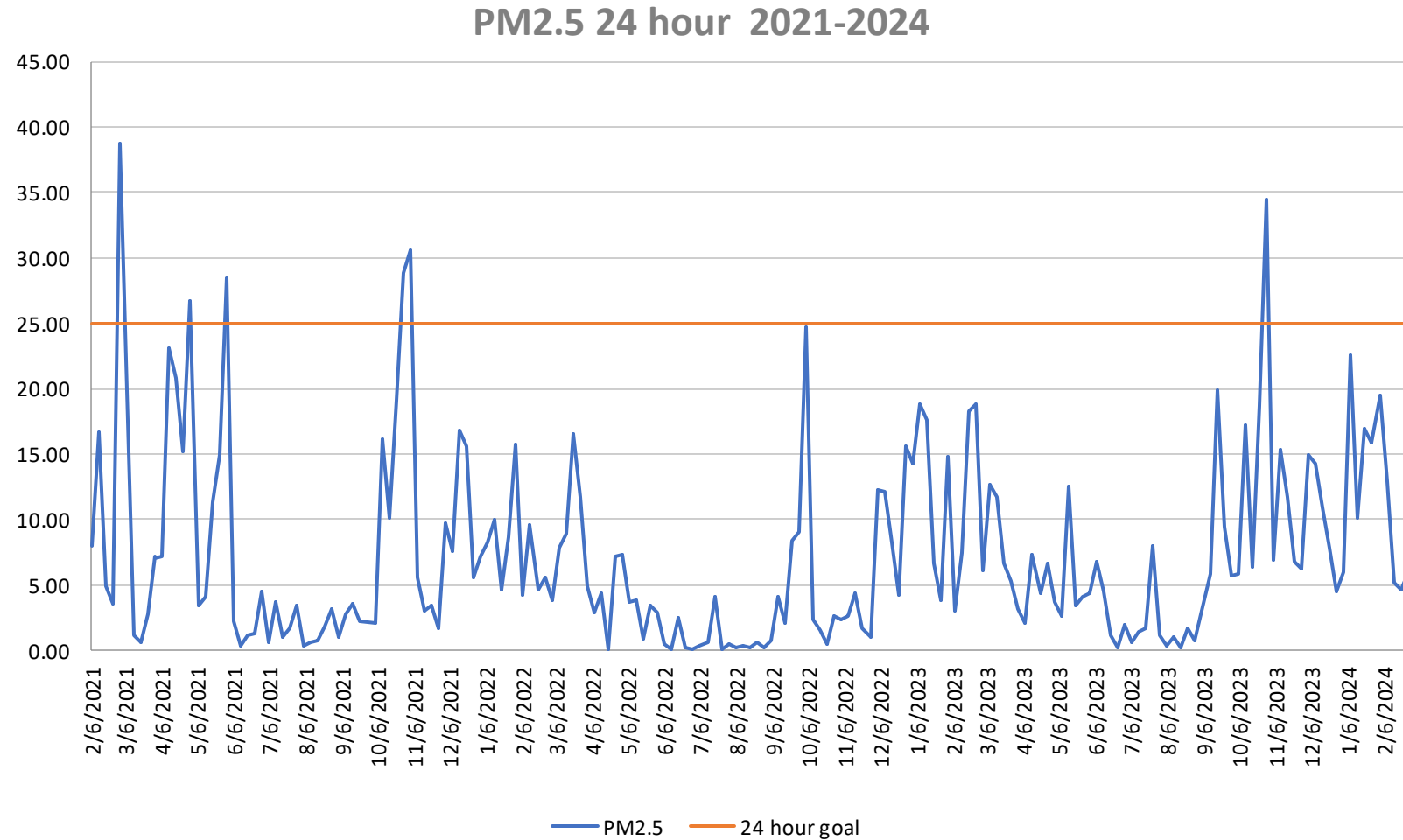


Annual Average goal of 90 $\mu\text{g}/\text{m}^3$

In compliance

Annual average below goal at the boundary

Air – PM2.5



In compliance for the past 3 months.

Noise – quarterly monitoring



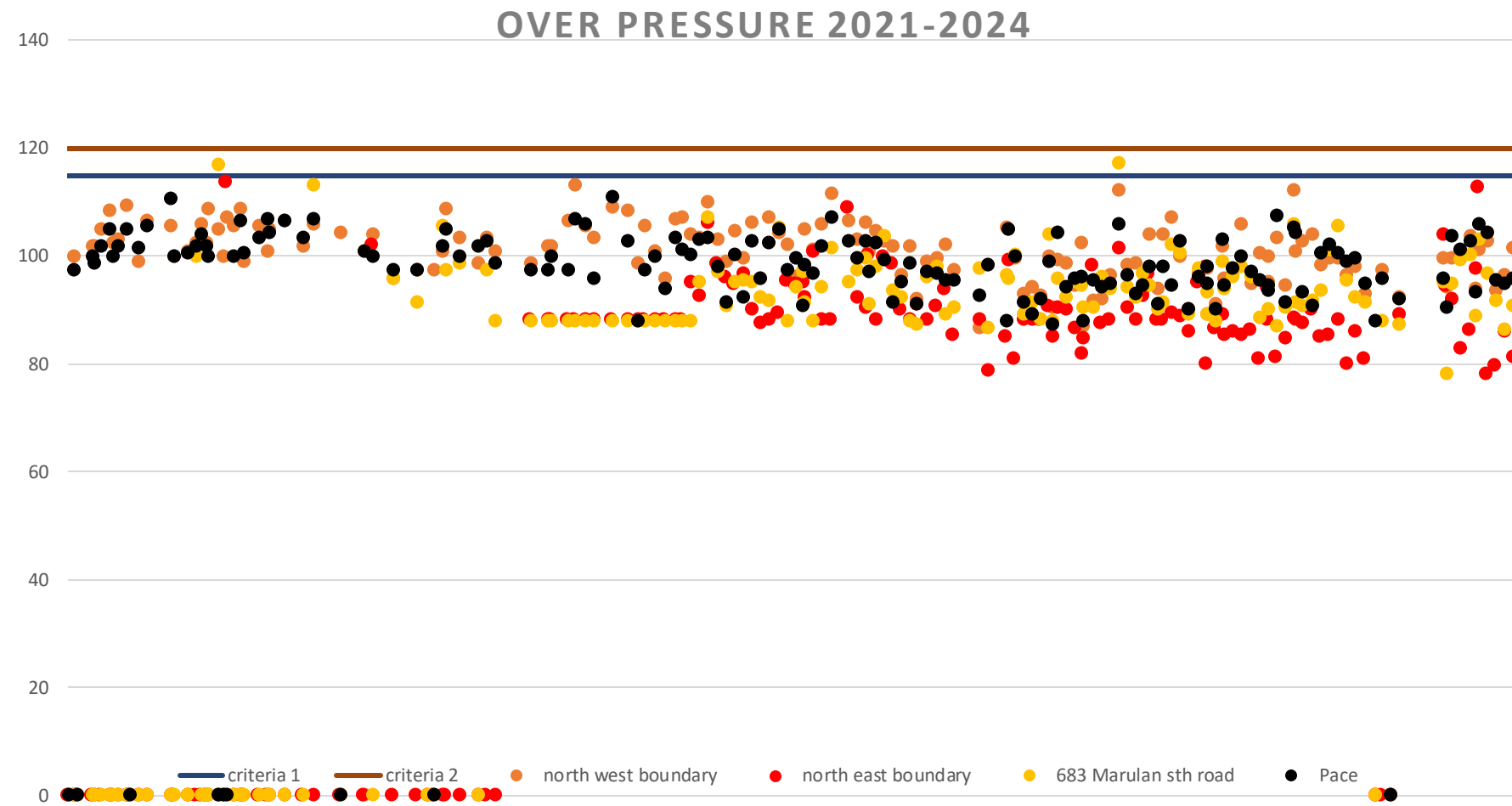
Monitoring was undertaken over 11th and 13th December 2023

Results for the December round are in compliance.

Next round due in Jan- March 2024.

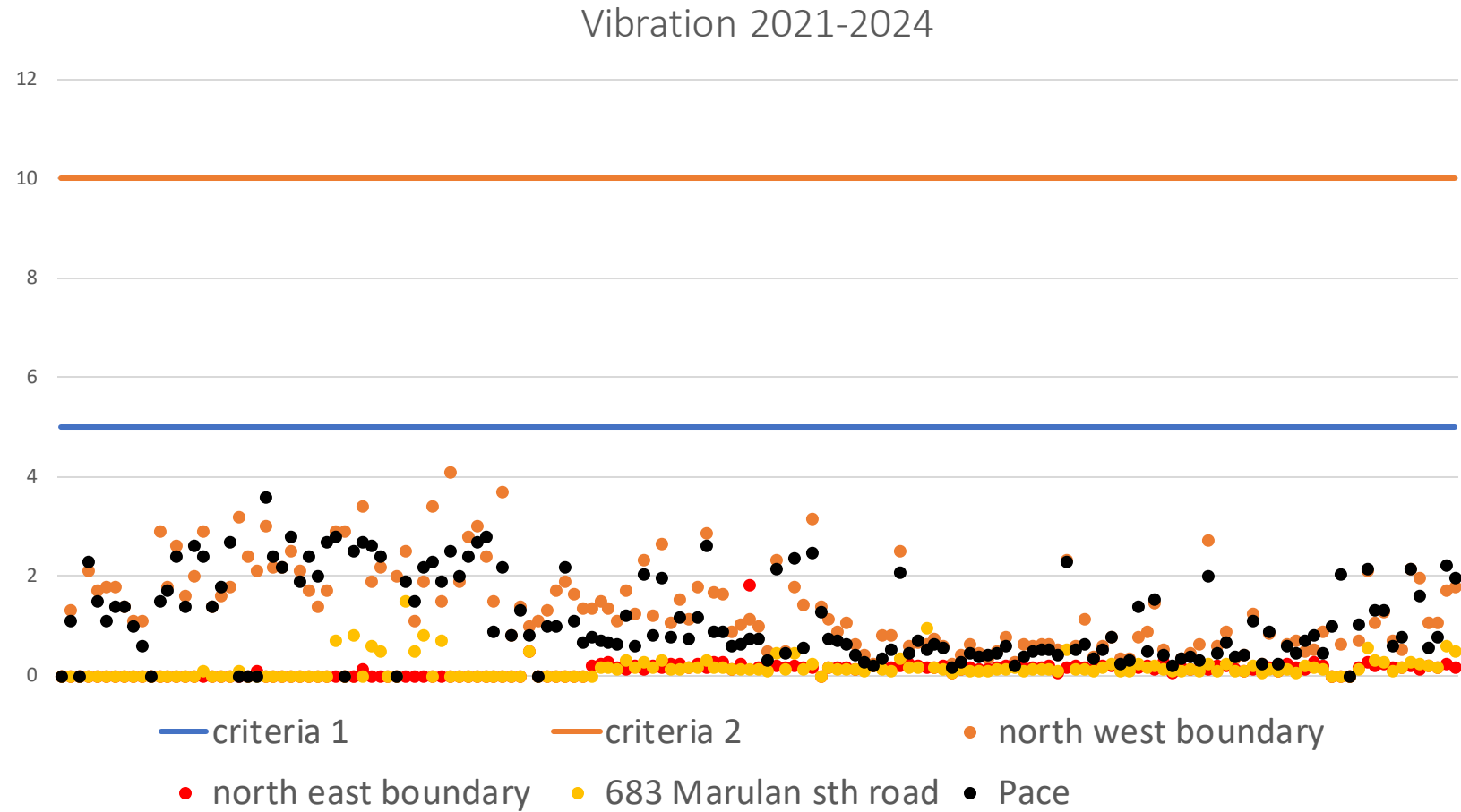
Monitoring conducted on the 5th to the 8th of March 2024.

Blasting - Overpressure



In Compliance

Blasting – ground Vibration



In Compliance

Surface Water

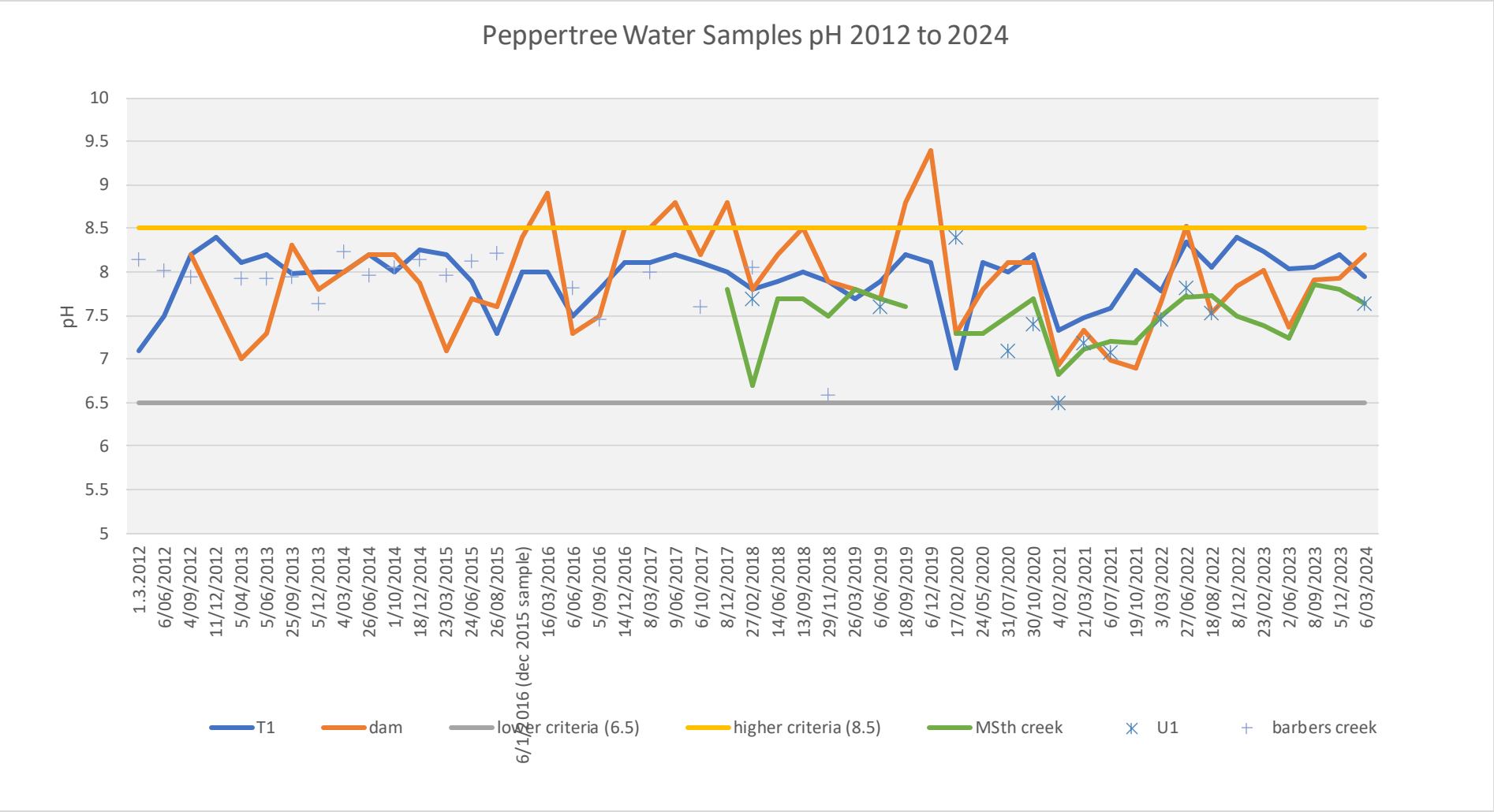


Quarterly monitoring round undertaken in October - December 2023 with sampling on Friday 5th December 2023 and Jan – March quarter was sampled on 6th March 2024

No issues with water supply or quality over the last 3 months

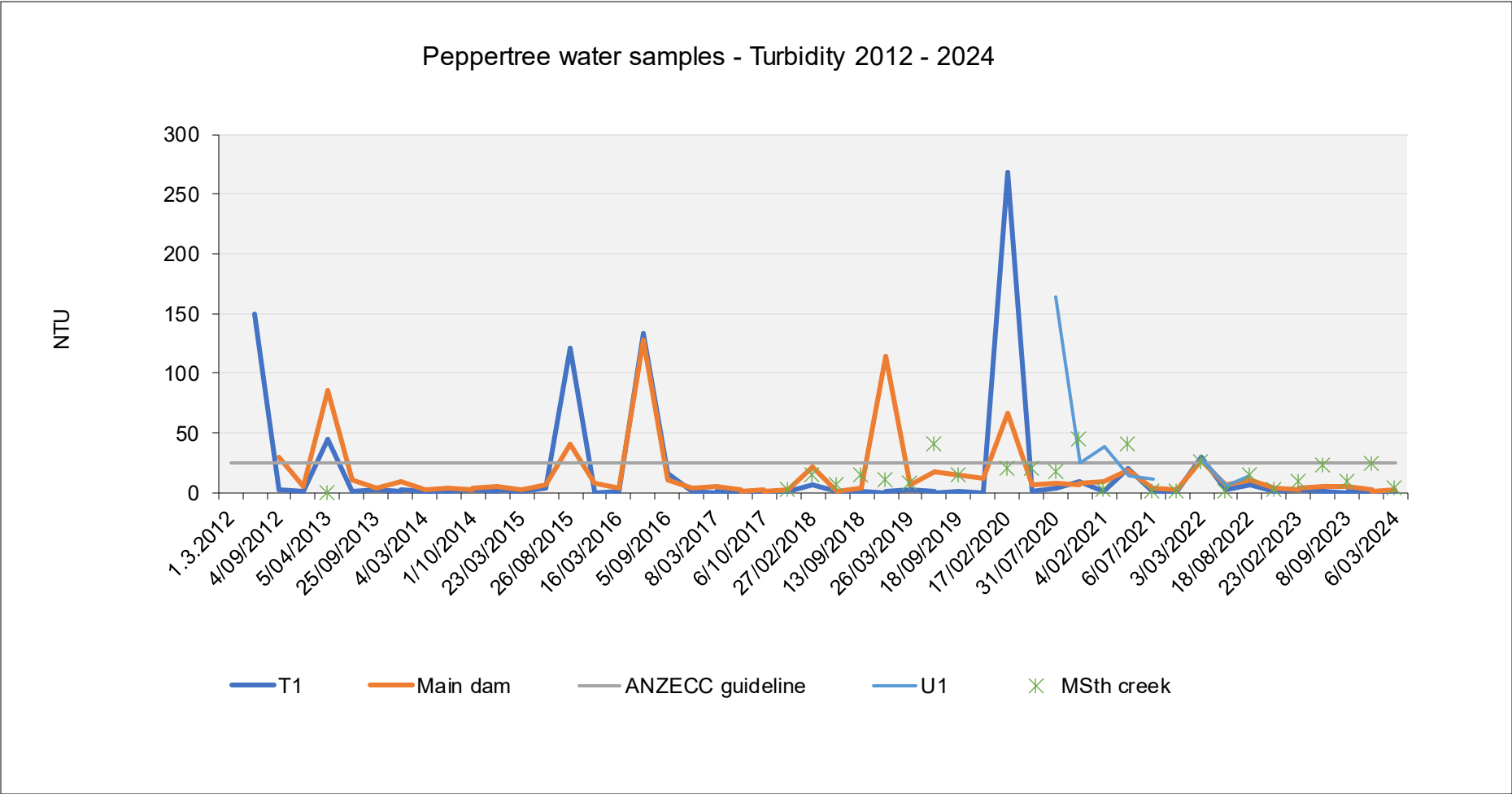
Next round of sampling to be conducted April – June.

Surface water - pH



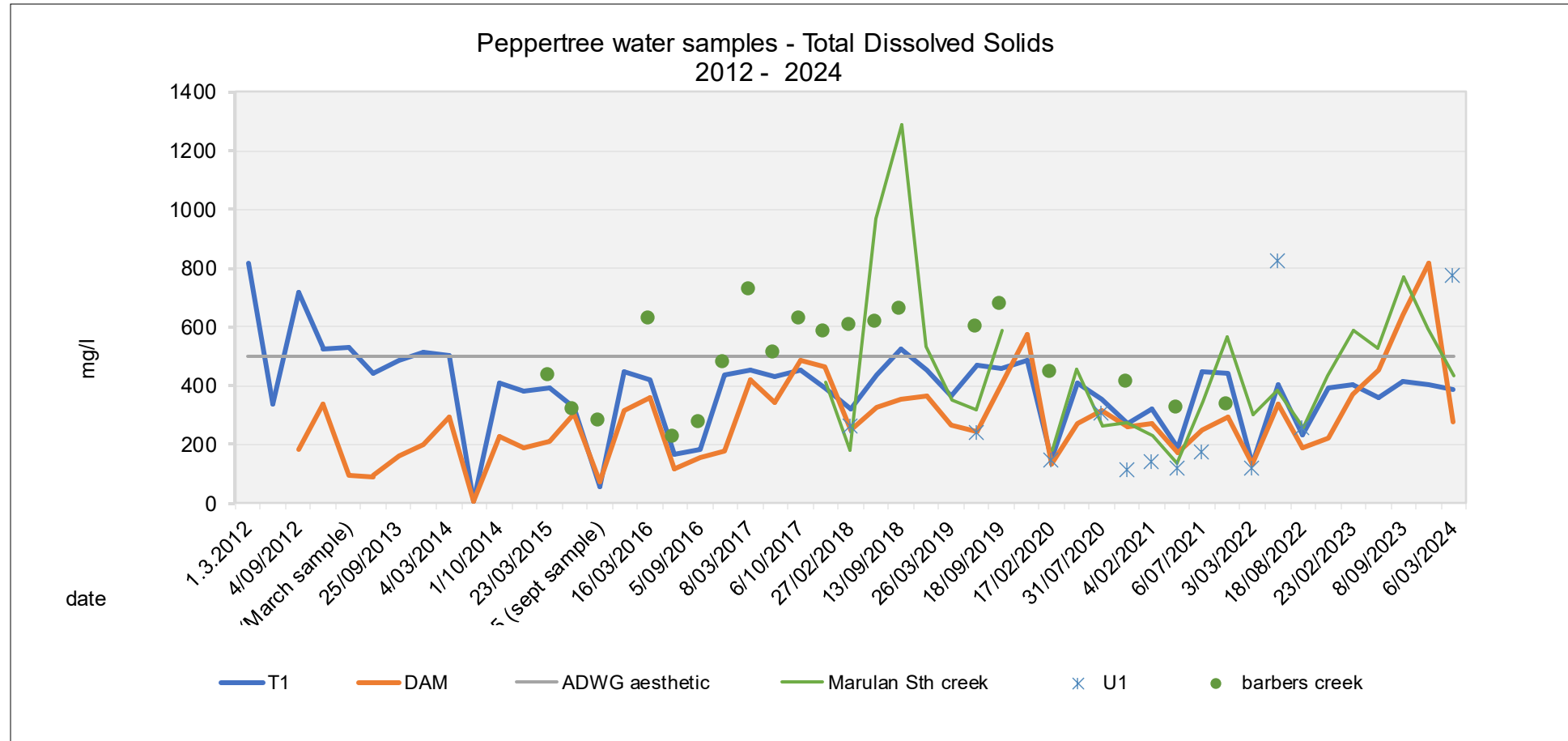
Within guideline for Dec & March 2024 samples

Surface water - Turbidity



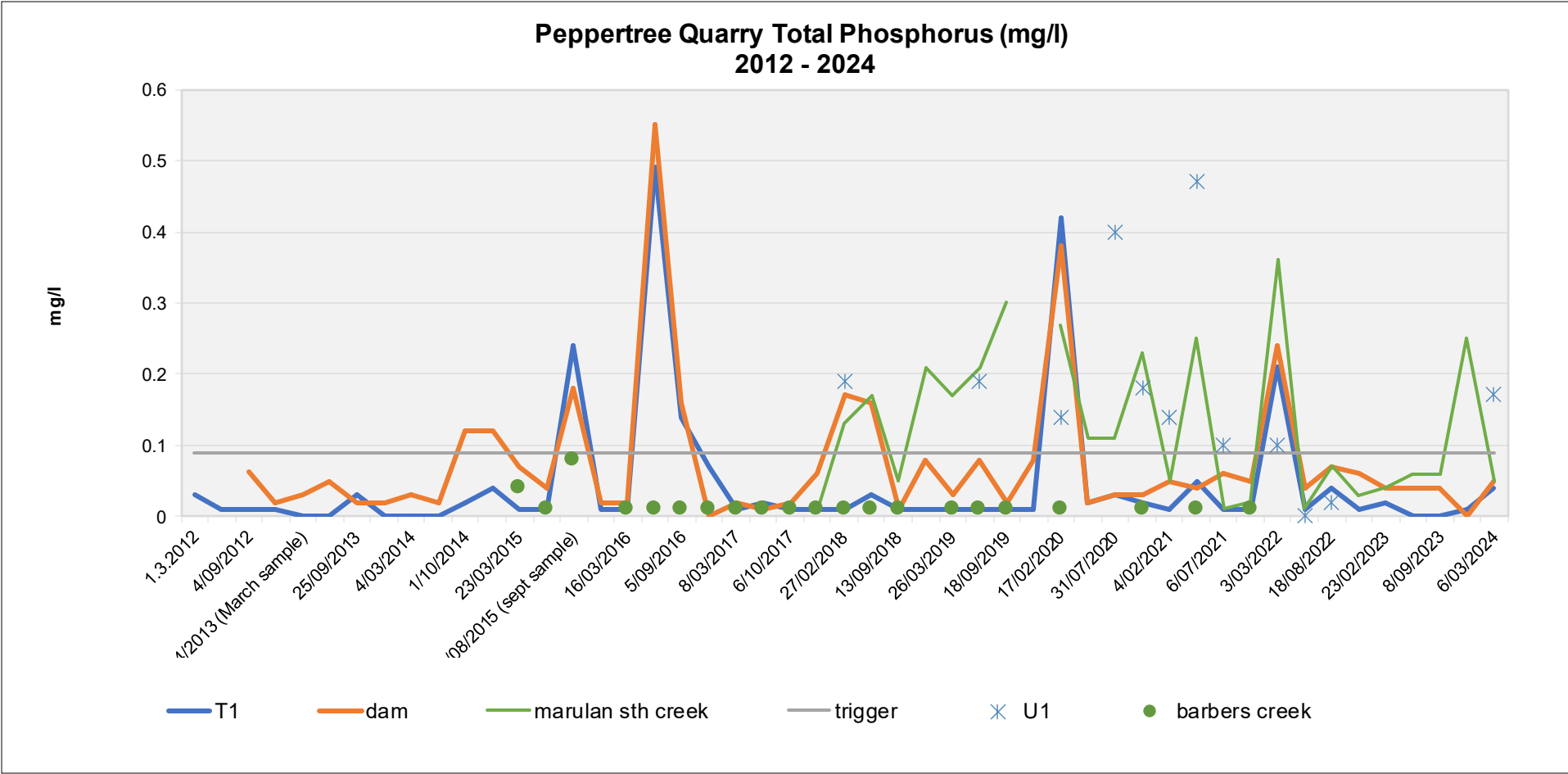
Below guideline for Dec & March samples

Surface water – Total dissolved solids



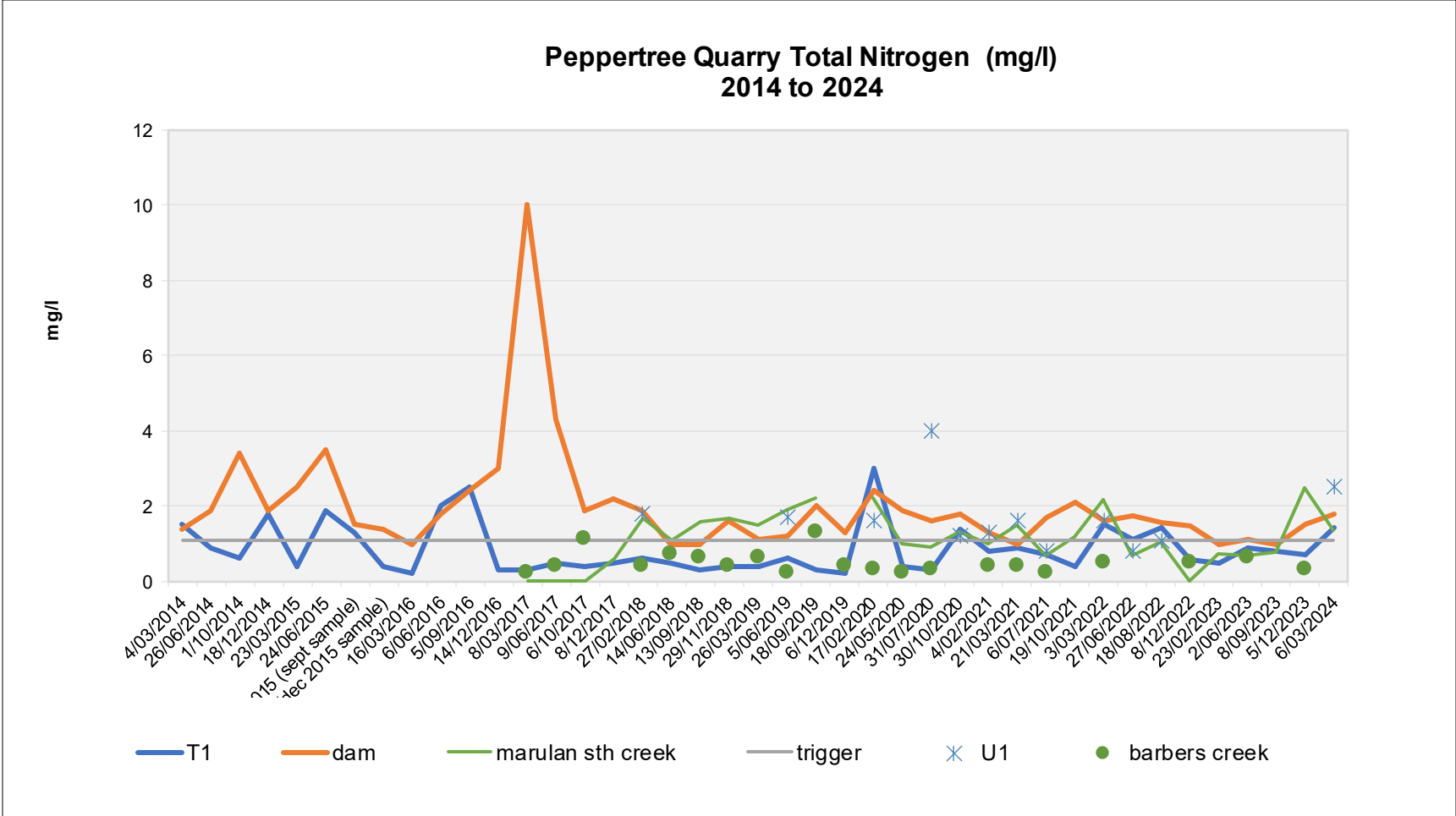
Below guideline for Sept samples with exception of Marulan South Creek, main dam & Upper curvet (U1).

Surface water – total Phosphorus



Below guideline for Dec & March samples except for the Main dam & upper curvet (U1)

Surface water - Total Nitrogen



Above guideline for Dec & March samples

Environmental Flow



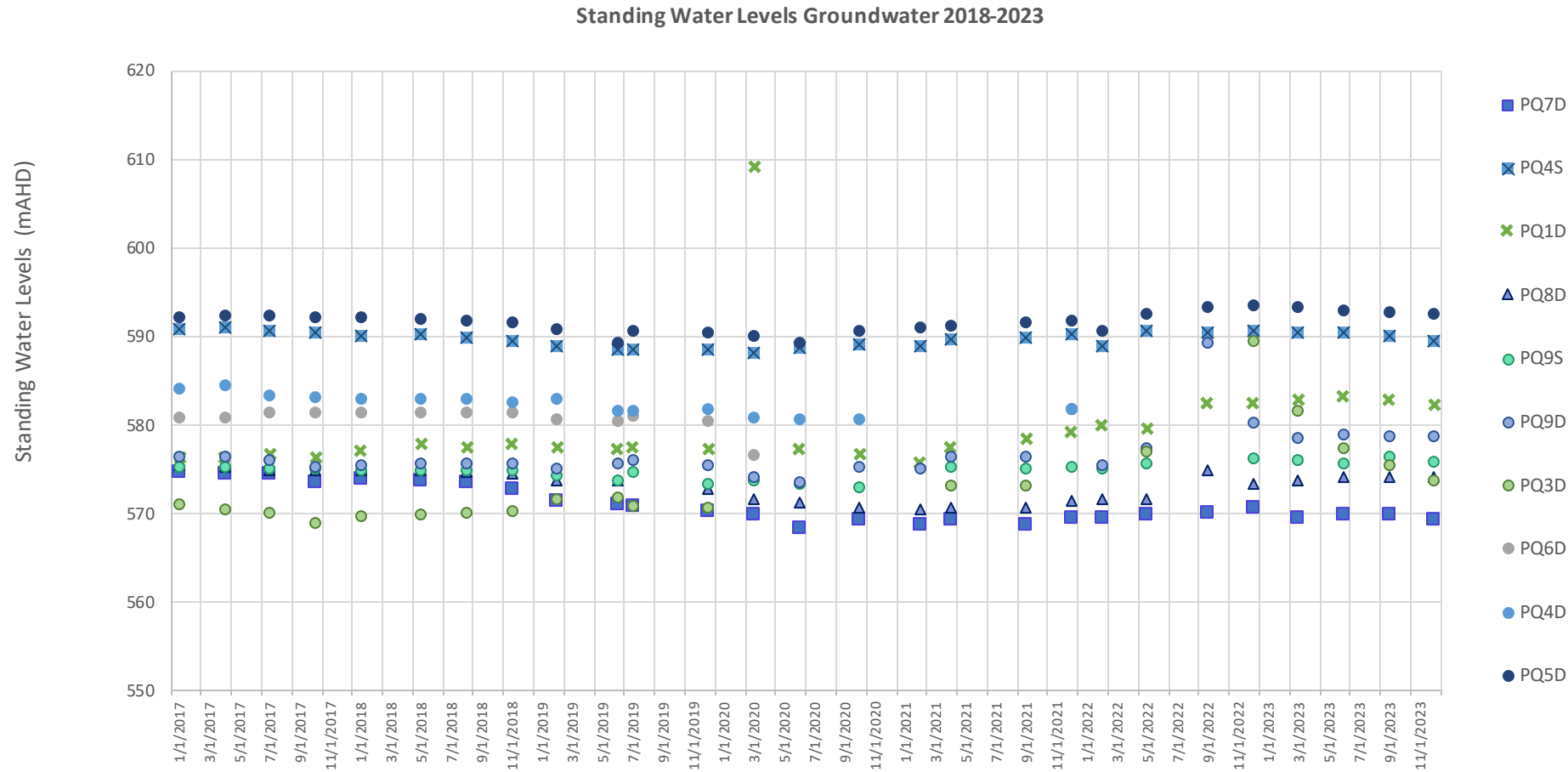
| year | total in flow | 10% | total out flow | in compliance | comment |
|--------|---------------|------|----------------|---------------|--|
| Apr-22 | 30.3 | 3.03 | 656.16 | yes | Rainfall - possible overflow of the V notch weir |
| May-22 | 22.6 | 2.26 | 316.52 | yes | Rainfall - possible overflow of the V notch weir |
| Jun-22 | 3.1 | 0.31 | 6.6 | yes | |
| Jul-22 | 60.6 | 6.06 | 820.91 | yes | Rainfall - possible overflow of the V notch weir |
| Aug-22 | 34.2 | 3.42 | 341.8 | yes | Rainfall - possible overflow of the V notch weir |
| Sep-22 | 18 | 1.8 | 22.88 | yes | |
| Oct-22 | 62.5 | 6.25 | 999.7 | yes | Rainfall - possible overflow of the V notch weir |
| Nov-22 | 42.2 | 4.22 | 411.49 | yes | Rainfall - possible overflow of the V notch weir |
| Dec-22 | 0.9 | 0.09 | 1.34 | yes | |
| Jan-23 | 15 | 1.5 | 15.48 | yes | |
| Feb-23 | 1.1 | 0.11 | 7.02 | yes | |
| Mar-23 | 2.5 | 0.25 | 3.67 | yes | |
| Apr-23 | 16 | 1.6 | 3.76 | yes | |
| May-23 | 15 | 1.5 | 15.74 | yes | |
| Jun-23 | nil | nil | 3.46 | yes | |
| Jul-23 | 1.8 | 0.18 | 3.79 | yes | |
| Aug-23 | nil | nil | 3.69 | yes | |
| Sep-23 | nil | nil | 3.4 | yes | |
| Oct-23 | nil | nil | 3.44 | yes | |
| Nov-23 | nil | nil | 3.35 | yes | |
| Dec-23 | 3.3 | 0.33 | 3.51 | yes | |
| Jan-24 | 46.6 | 4.66 | 288.73 | yes | Rainfall - possible overflow of the V notch weir |
| Feb-24 | 58 | 5.8 | 840.61 | yes | Rainfall - possible overflow of the V notch weir |

Ground water



- > Monitoring conducted in December and March 2024.
- > Results all good for December and awaiting March result, next round in next quarter ending June.
- > Results show no changes to the groundwater

Ground water – water levels



Heritage



Artefact analysis is continuing
Installation of termite baits on scar trees

Temporary Scar tree relocation done in November and display still being planned, currently undercover near the P2 dam area.



Ecology



Three-year plan developed for ongoing rehabilitation and maintenance

- Continuous monitoring of rehab trees and direct seed planting on site.
- Next phase of rehab is the Western Overburden Emplacement (WOE)

Weed management undertaken in the last couple of months. Focus on black berry & Tussock.

Rapid Visual Assessment and Nest Box Inspection completed in November.

Few feral goats have been spotted onsite

NPWS conducted aerial shooting in Dec and a total of 12 goats removed.

Ongoing pest monitoring. Next round of shooting scheduled for the 11th to 15th March and only 2 pigs were shot.



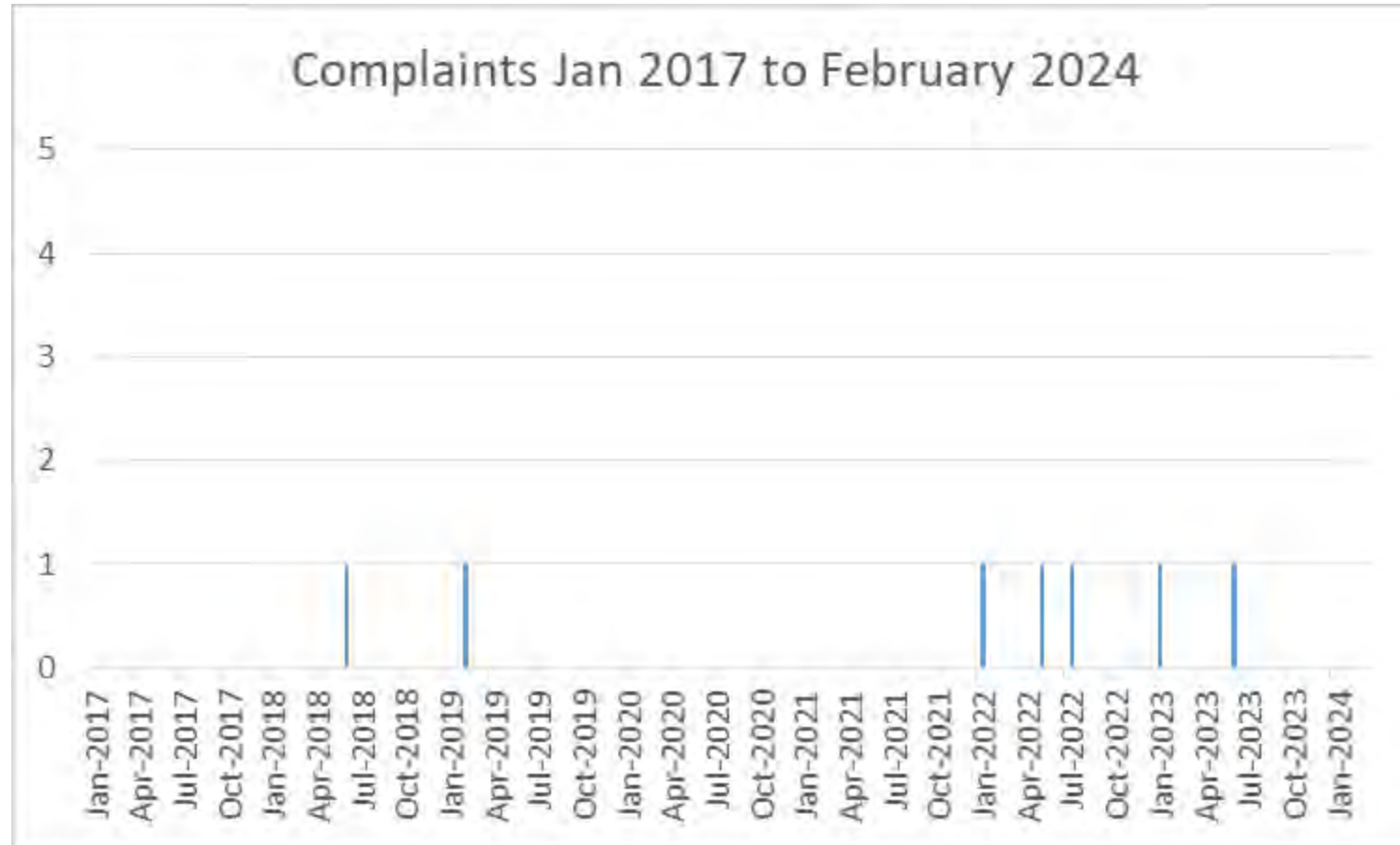
06.2

Environmental Performance **Marulan South Limestone**



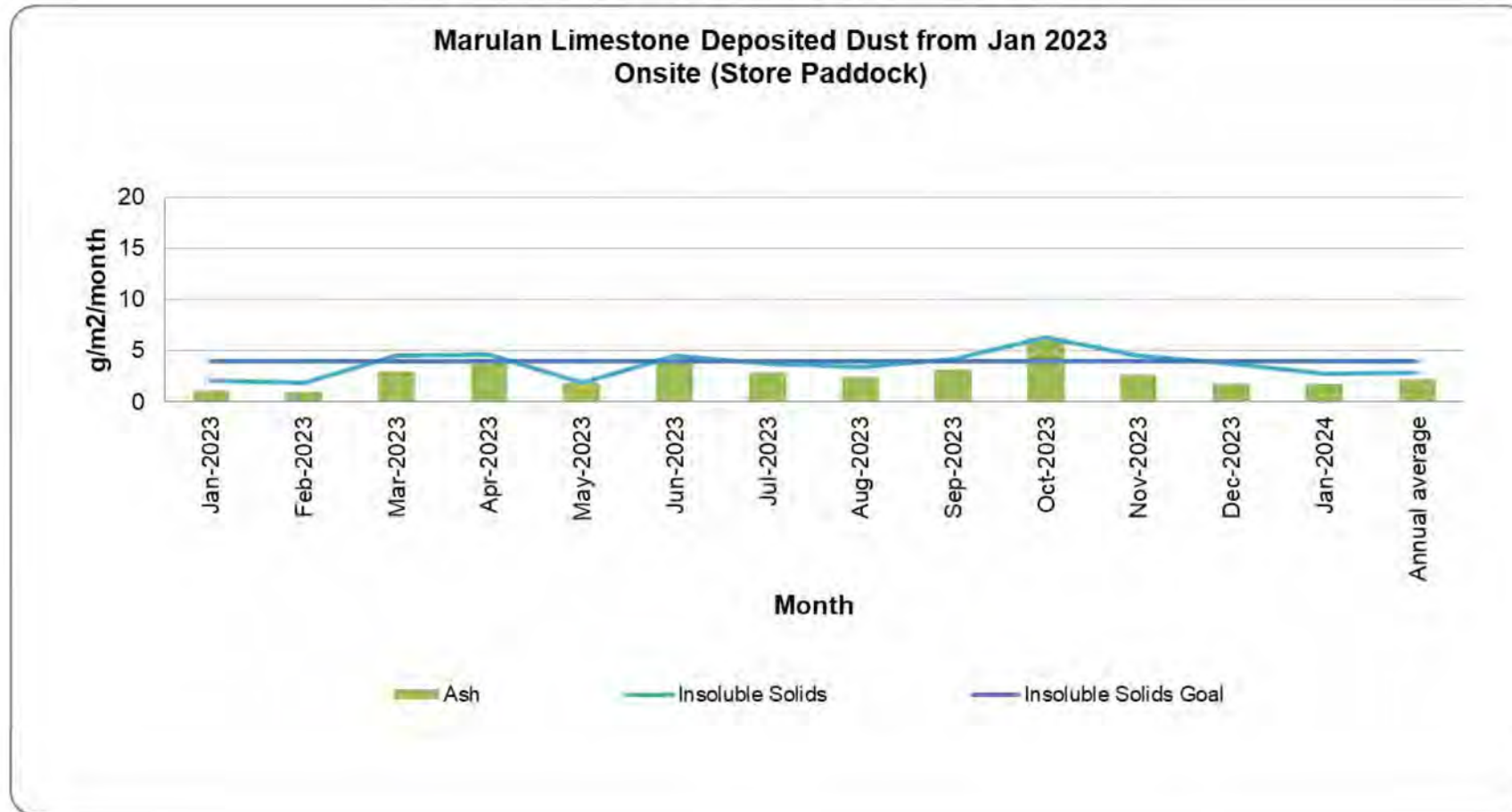
Building
something
great

Environmental Complaints Jan 2017 to Nov 2023



- > No Environmental Complaints last quarter

Air – Dust deposition Site 1

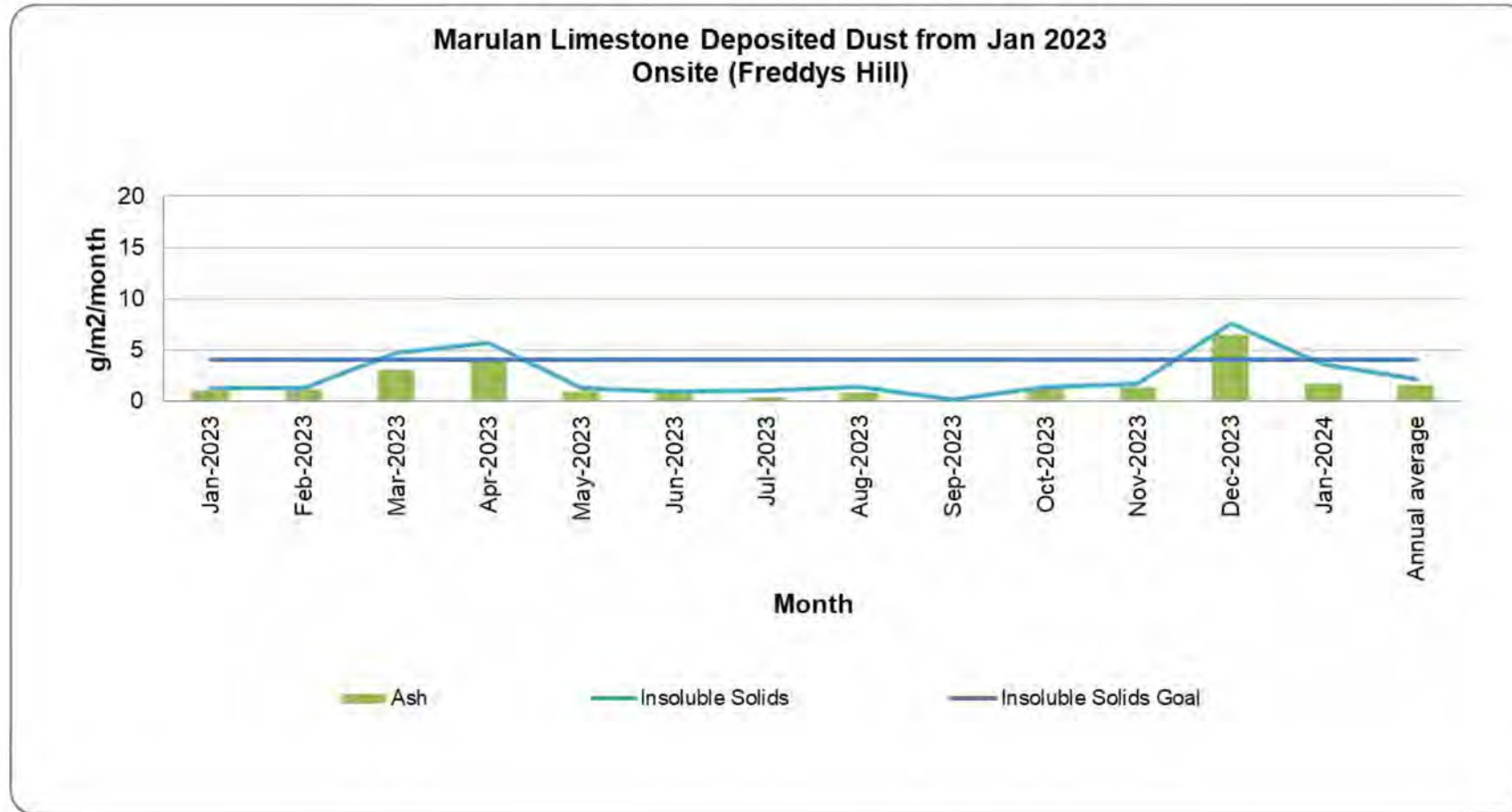


Annual Average goal of 4gm²/month

In compliance

Annual average below goal at the boundary

Air – Dust deposition Site 2

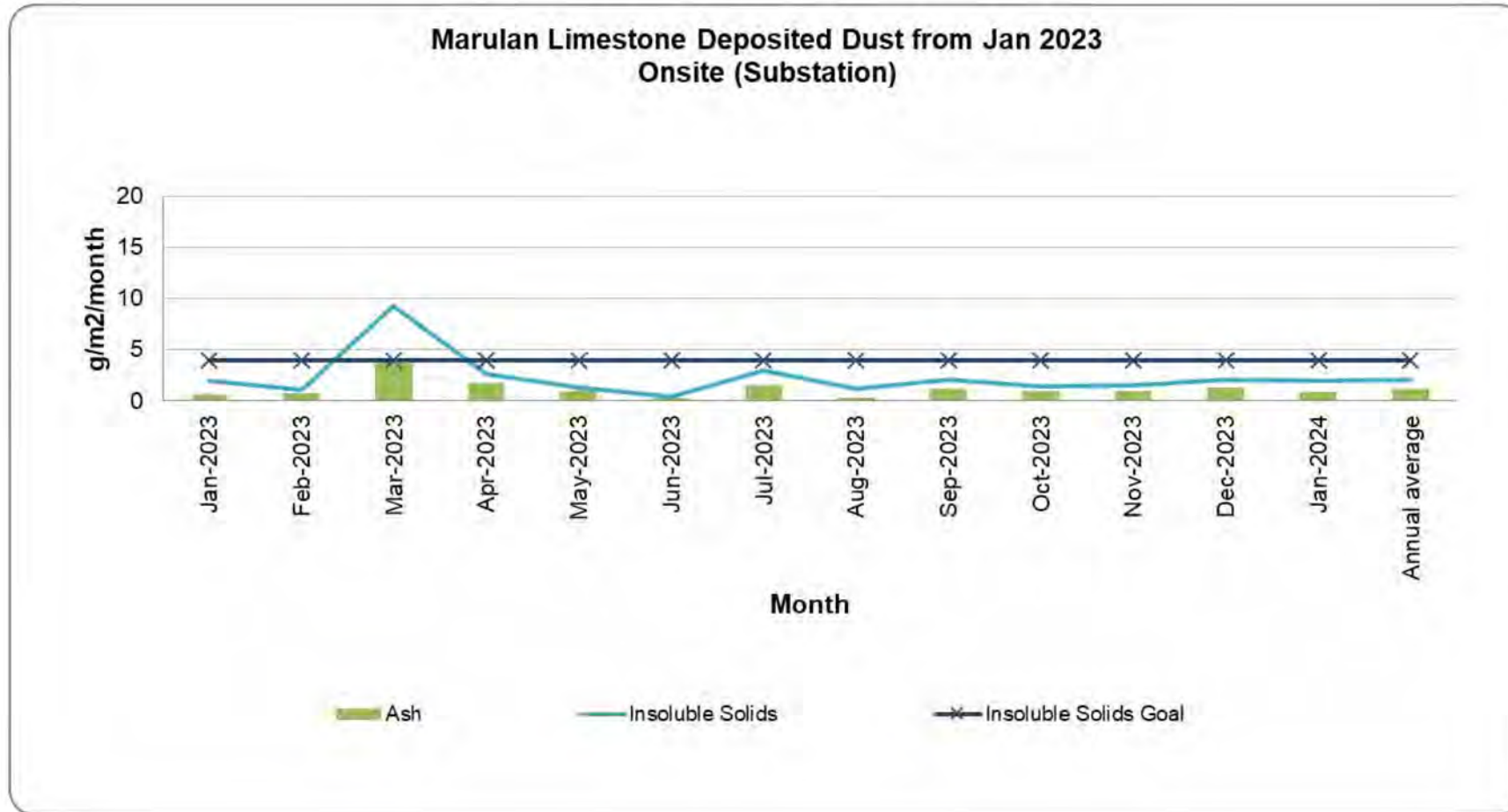


Annual Average goal of 4gm²/month

In compliance

Annual average below goal at the boundary

Air – Dust deposition Site 3



Annual Average goal of 4gm²/month

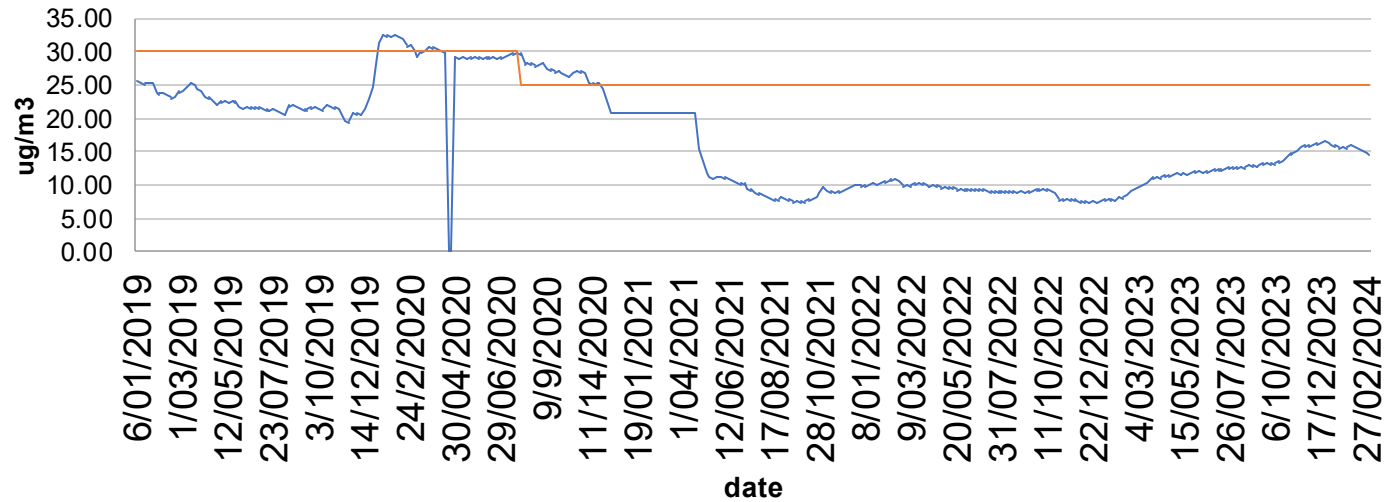
In compliance

Annual average below goal at the boundary

Air – PM10 annual average



Peppertree Quarry PM10 annual average trend 2014 - 2024



— running annual average — PM10 annual average goal

Annual Average goal of 25 $\mu\text{g}/\text{m}^3$

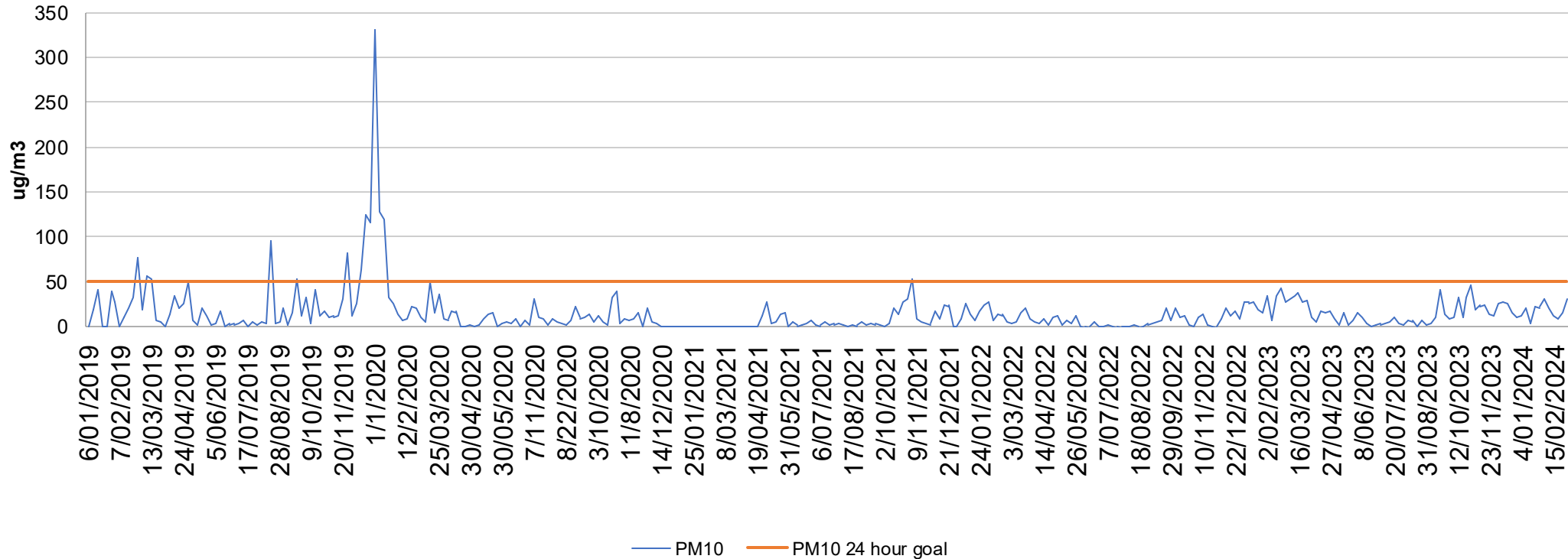
In compliance

Annual average below goal at the boundary

Air – PM10 24 Hour performance



Peppertree Quarry PM10 24 hour performance 2019-2024



24 hour goal of 50 $\mu\text{g}/\text{m}^3$

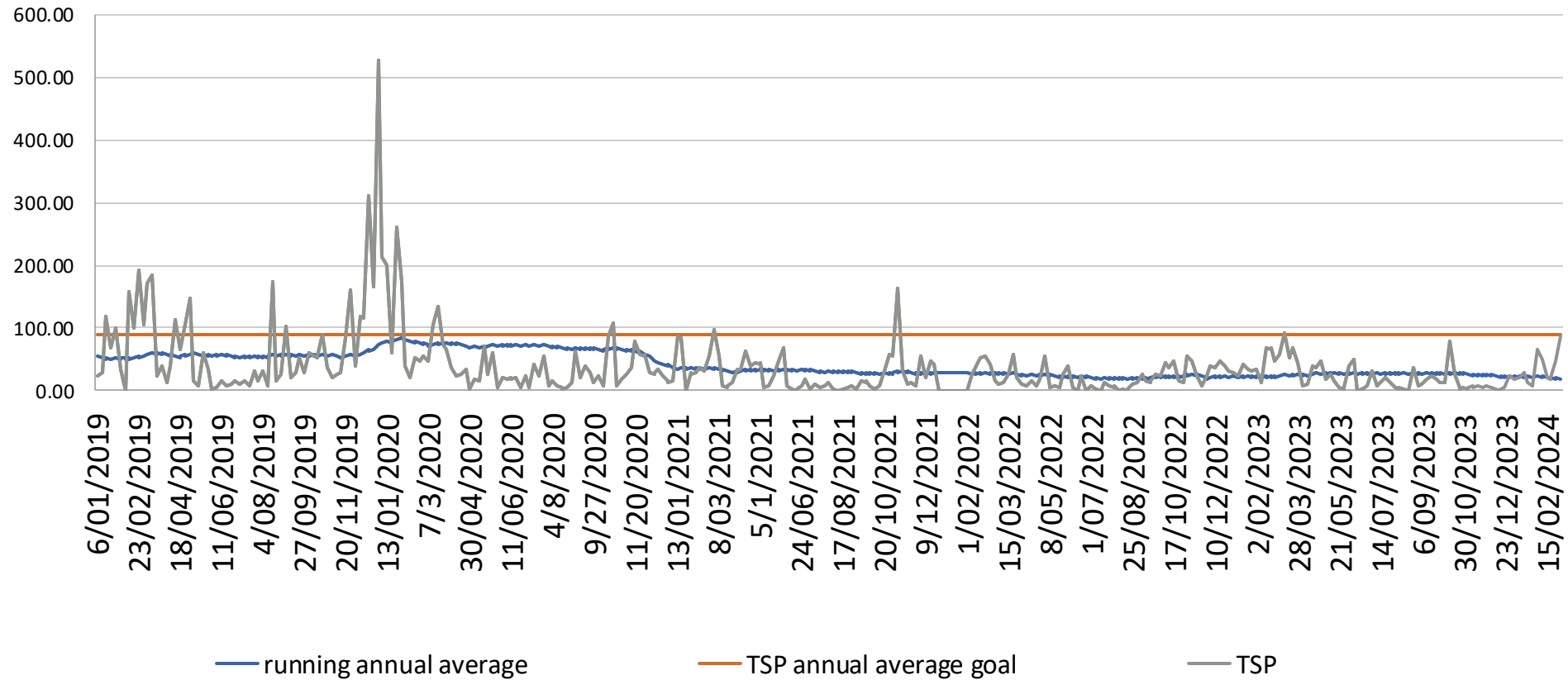
In compliance

Annual average below goal at the boundary

Air – Total Suspended Particulates



TSP Annual average trend 2019 - 2024

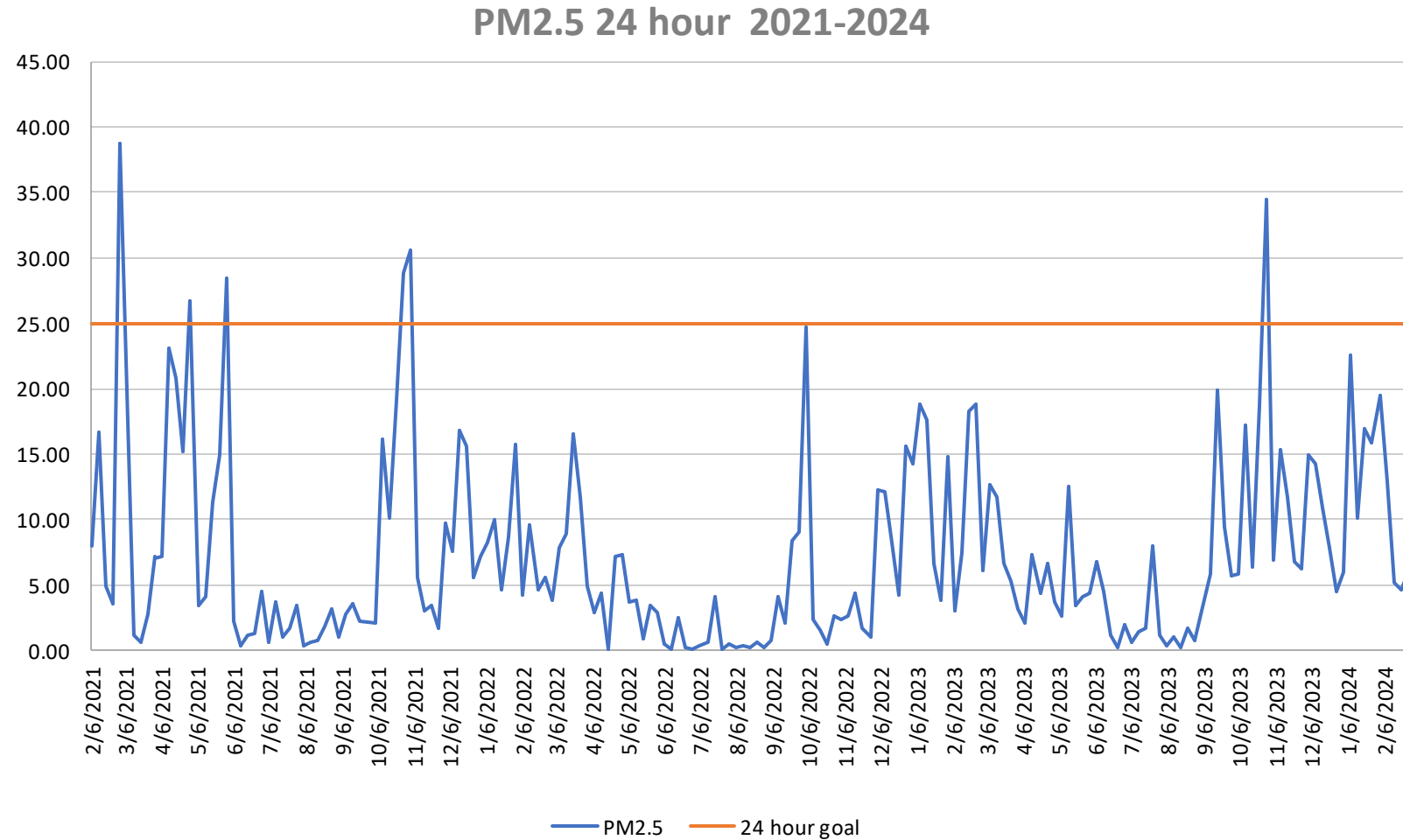


Annual Average goal of 90 $\mu\text{g}/\text{m}^3$

In compliance

Annual average below goal at the boundary

Air – PM2.5



In compliance for the past 3 months.

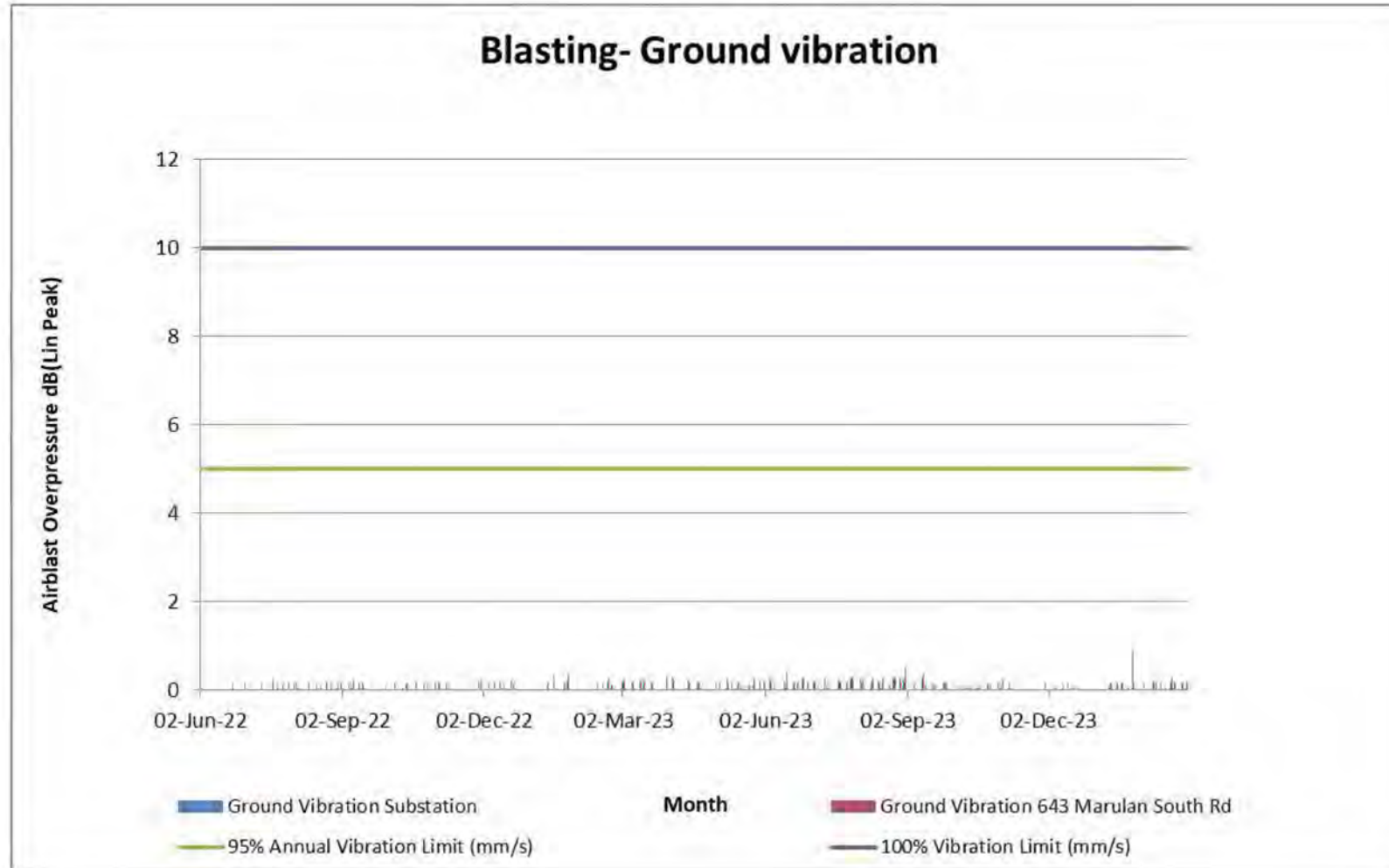
Noise – quarterly monitoring



Monitoring was undertaken on 6th and 7th March 2024 with results in compliance

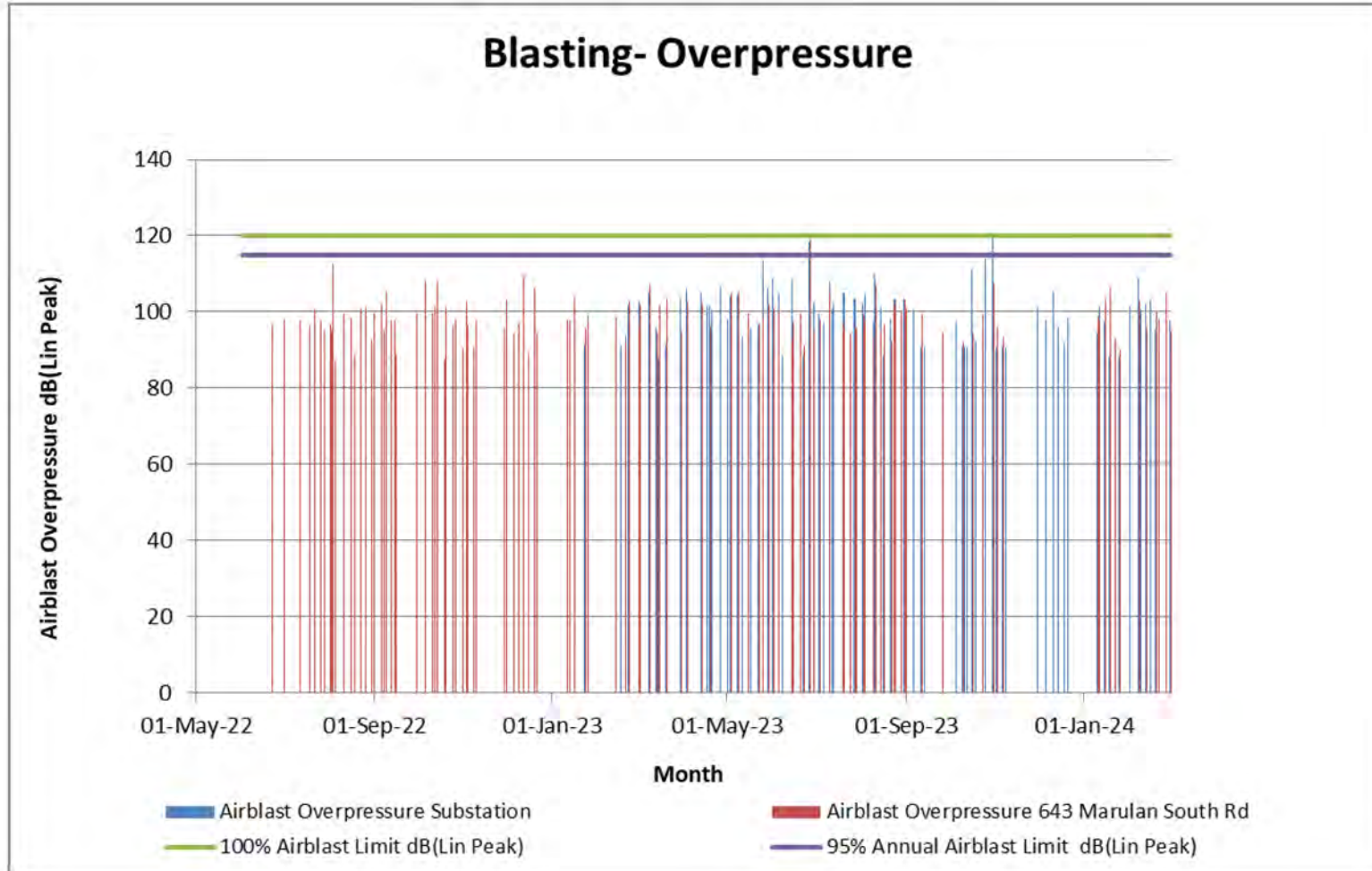
Next round due in June.

Blasting - Ground Vibration



In Compliance

Blasting – Overpressure



In Compliance

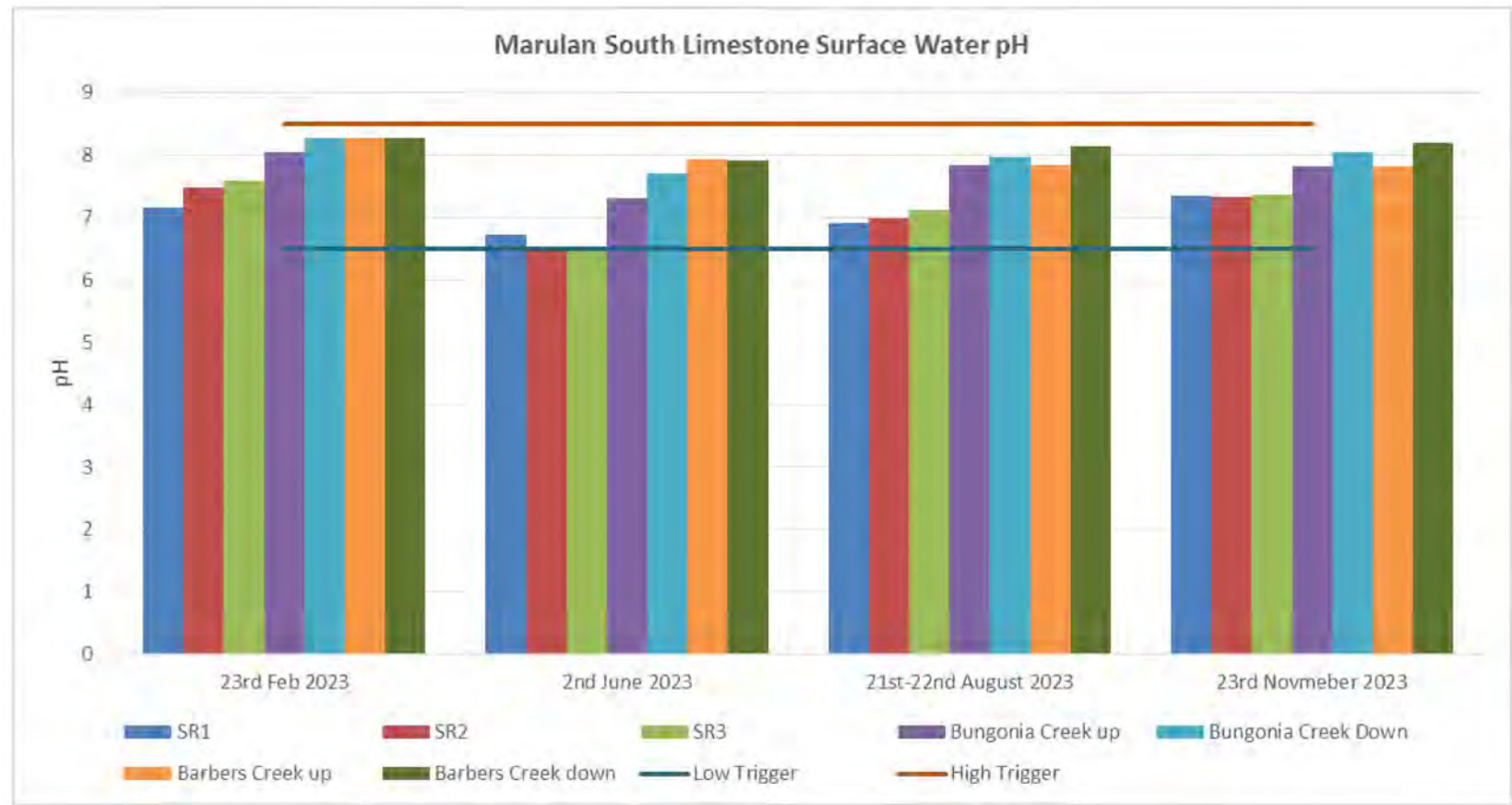
Surface Water



Quarterly monitoring round undertaken 23rd Nov 2023

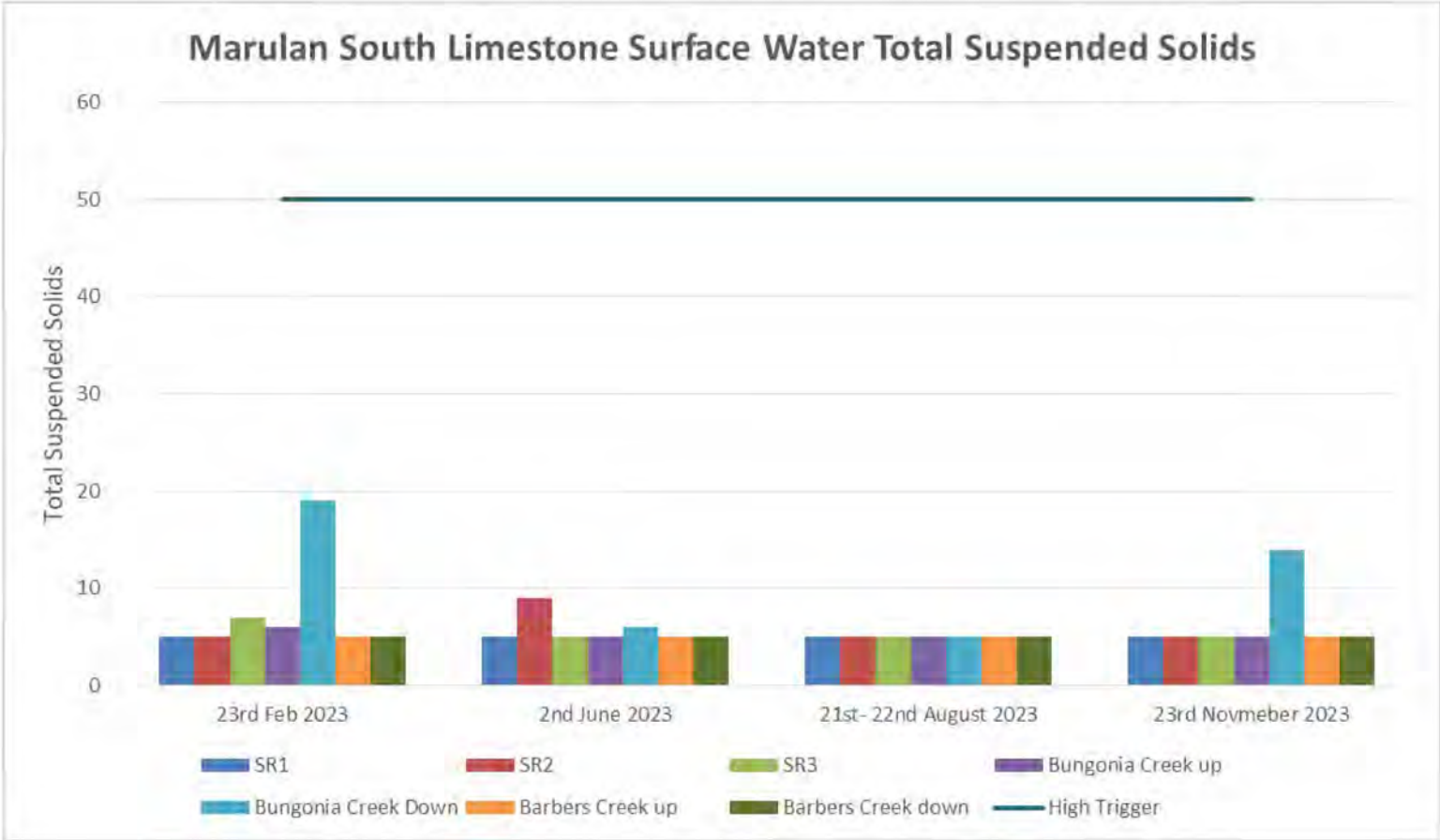
No issues with water supply or quality over the last 3 months

Surface water - pH



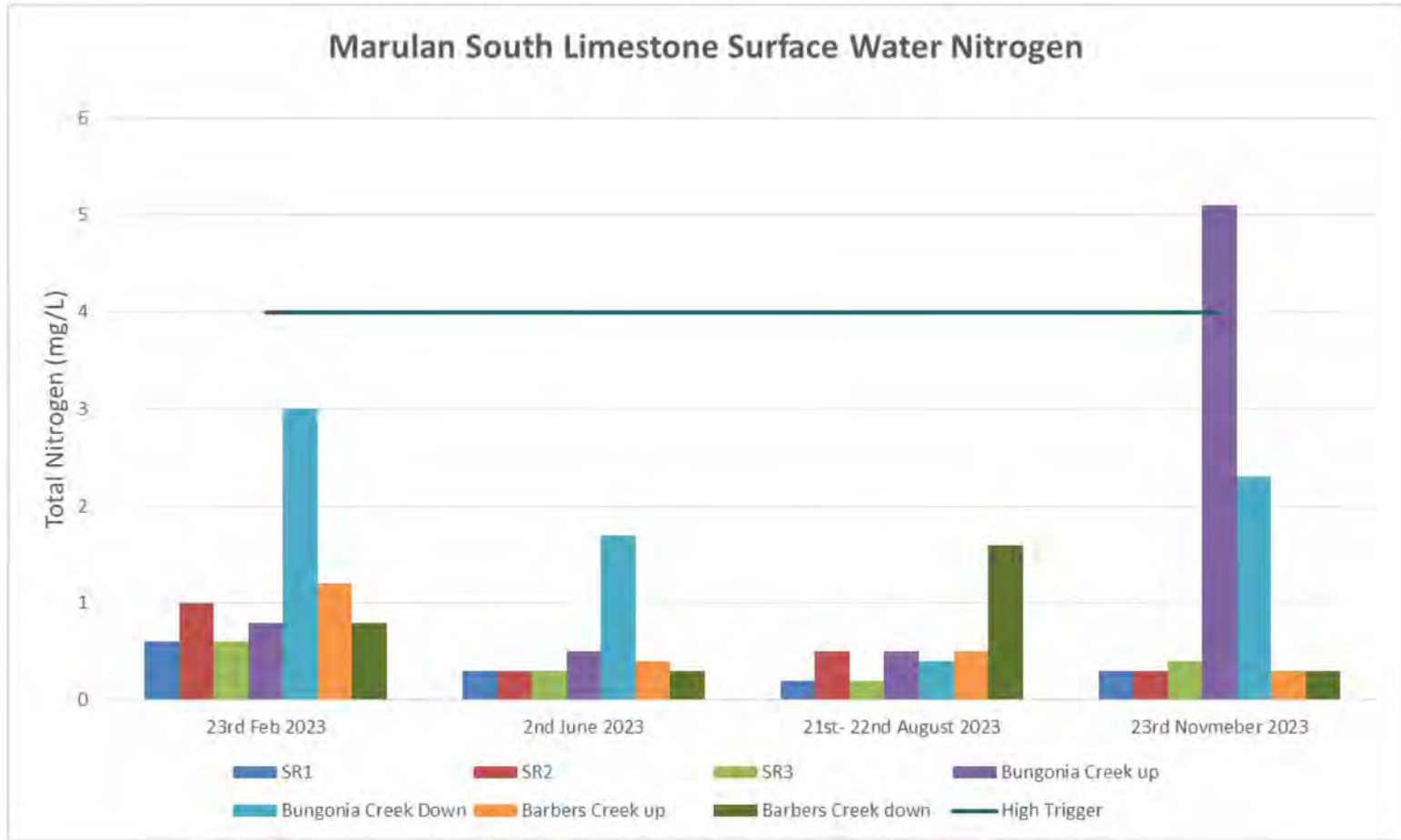
Within guideline limits

Surface water – Total Suspended Solids



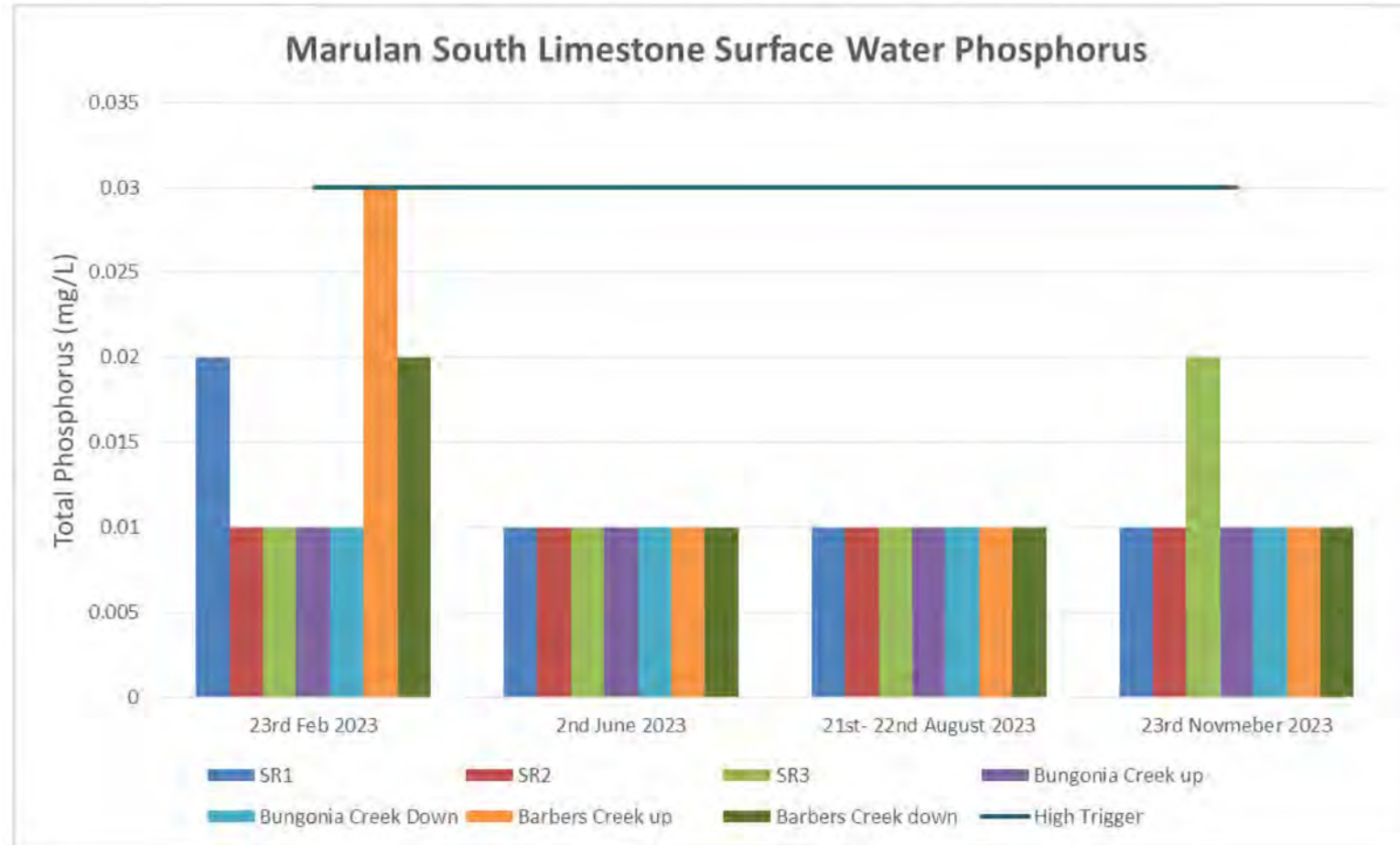
Within guideline limits

Surface water – Nitrogen



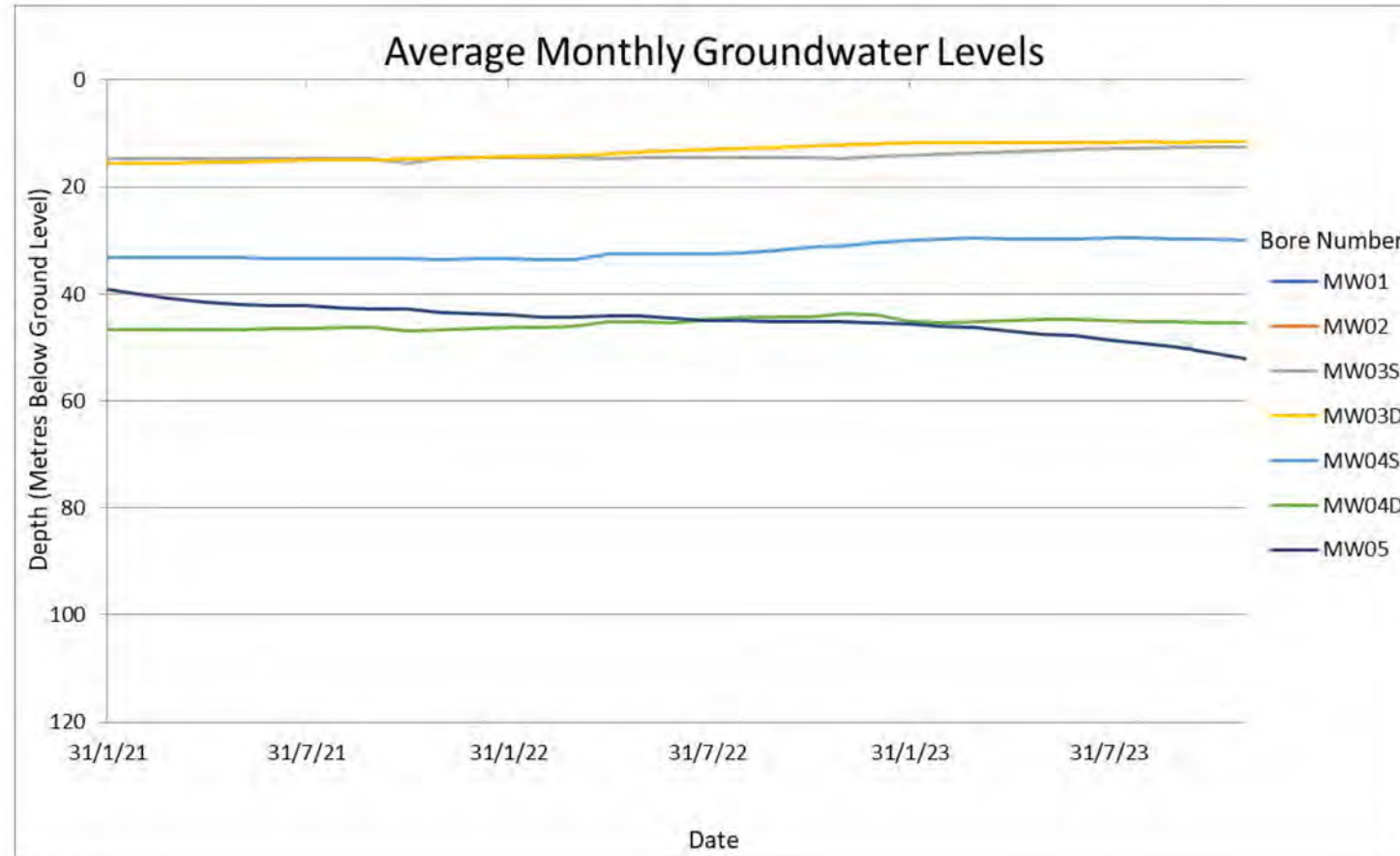
Within guideline limits

Surface water – Phosphorus

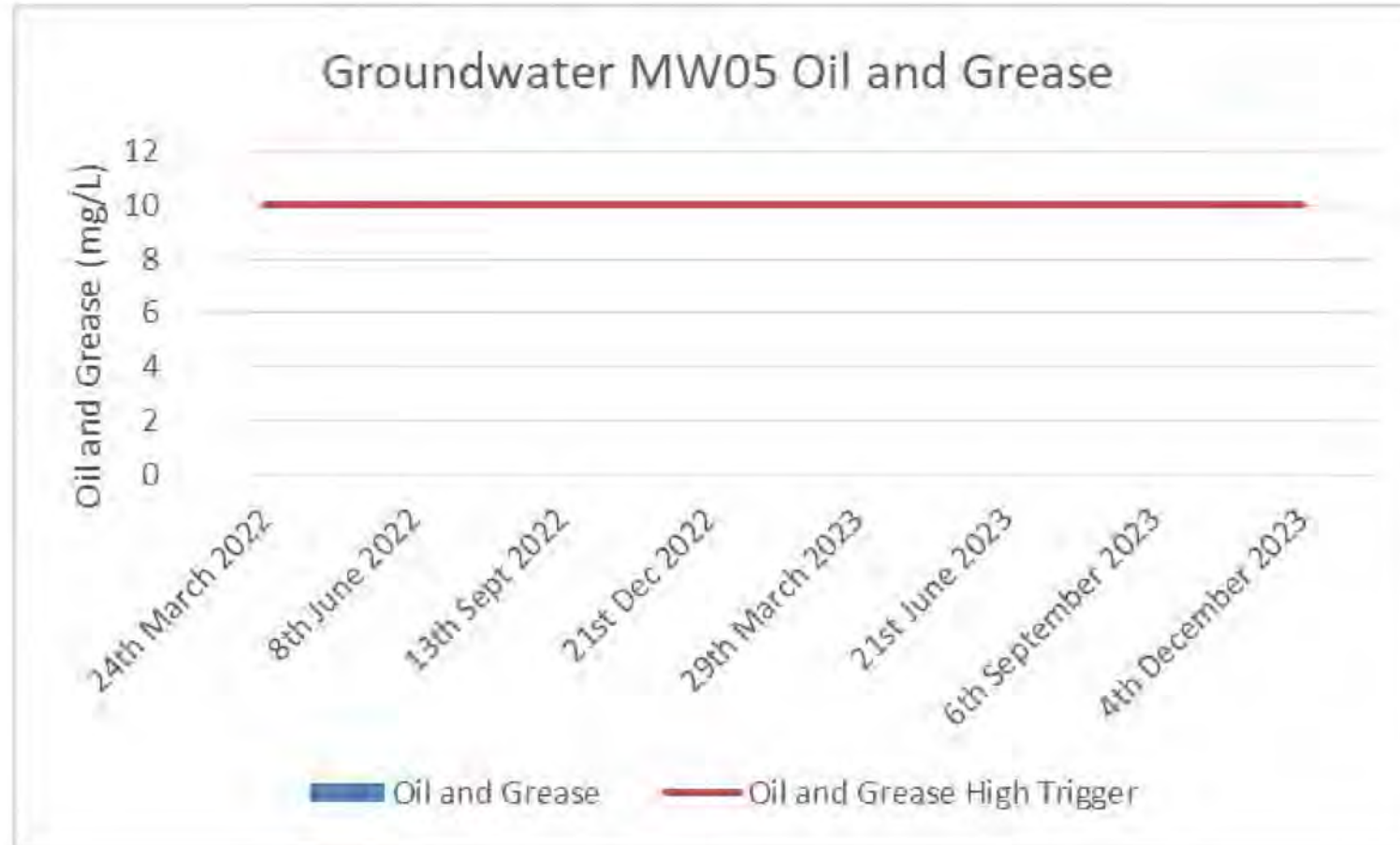


Within guideline limits

Ground water

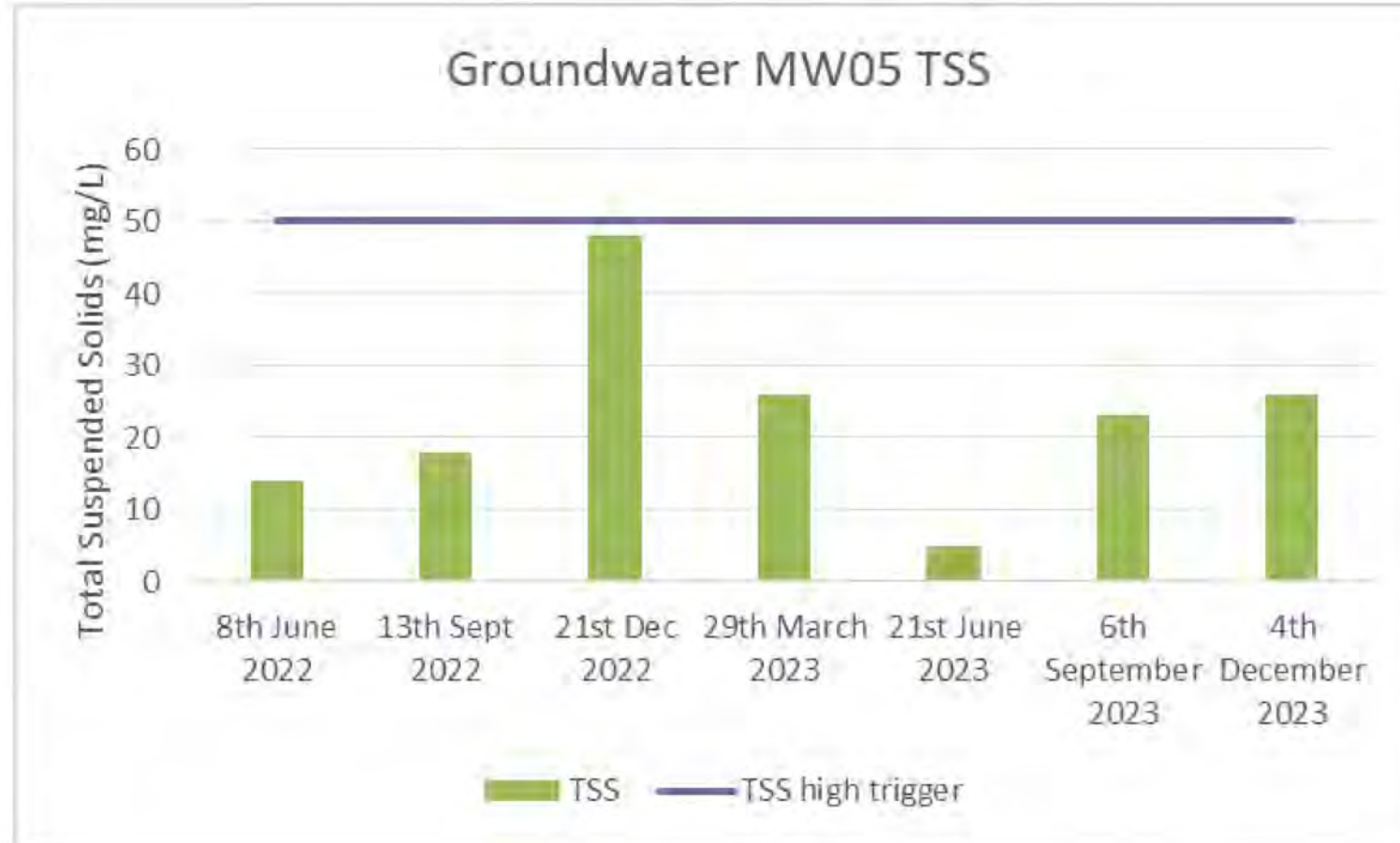


Ground water



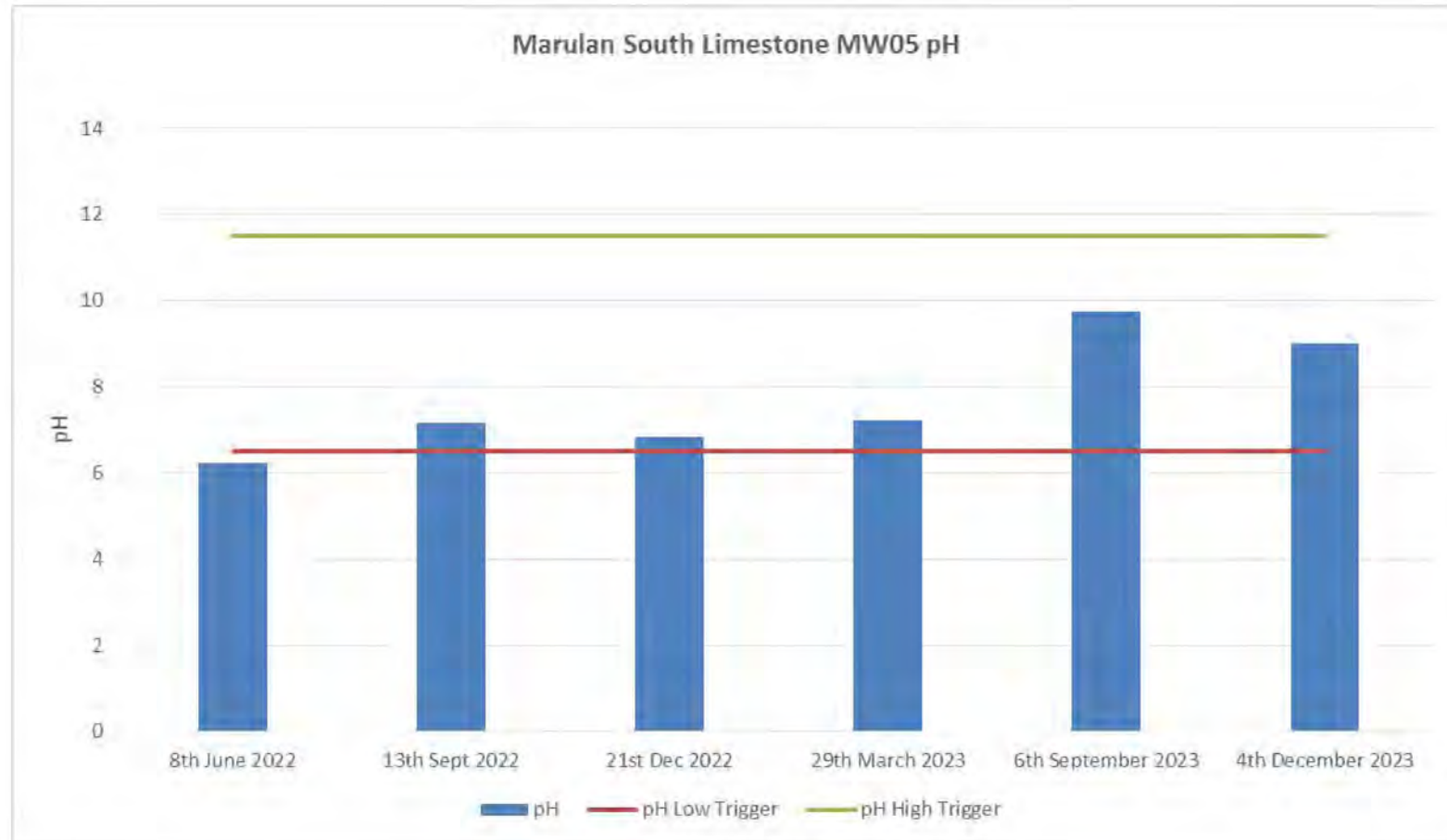
Within Guideline Limits: No oil and Grease detected

Ground water



Within guideline limits

Ground water



Within guideline limits

Ground water



Within guideline limits

Ecology



- Weed Control: Pampas
- Pest Control: Aerial cull in conjunction with NPWS
- Ground Disturbance



9Ha Topsoil spread on Batters



07

Stakeholder Engagement



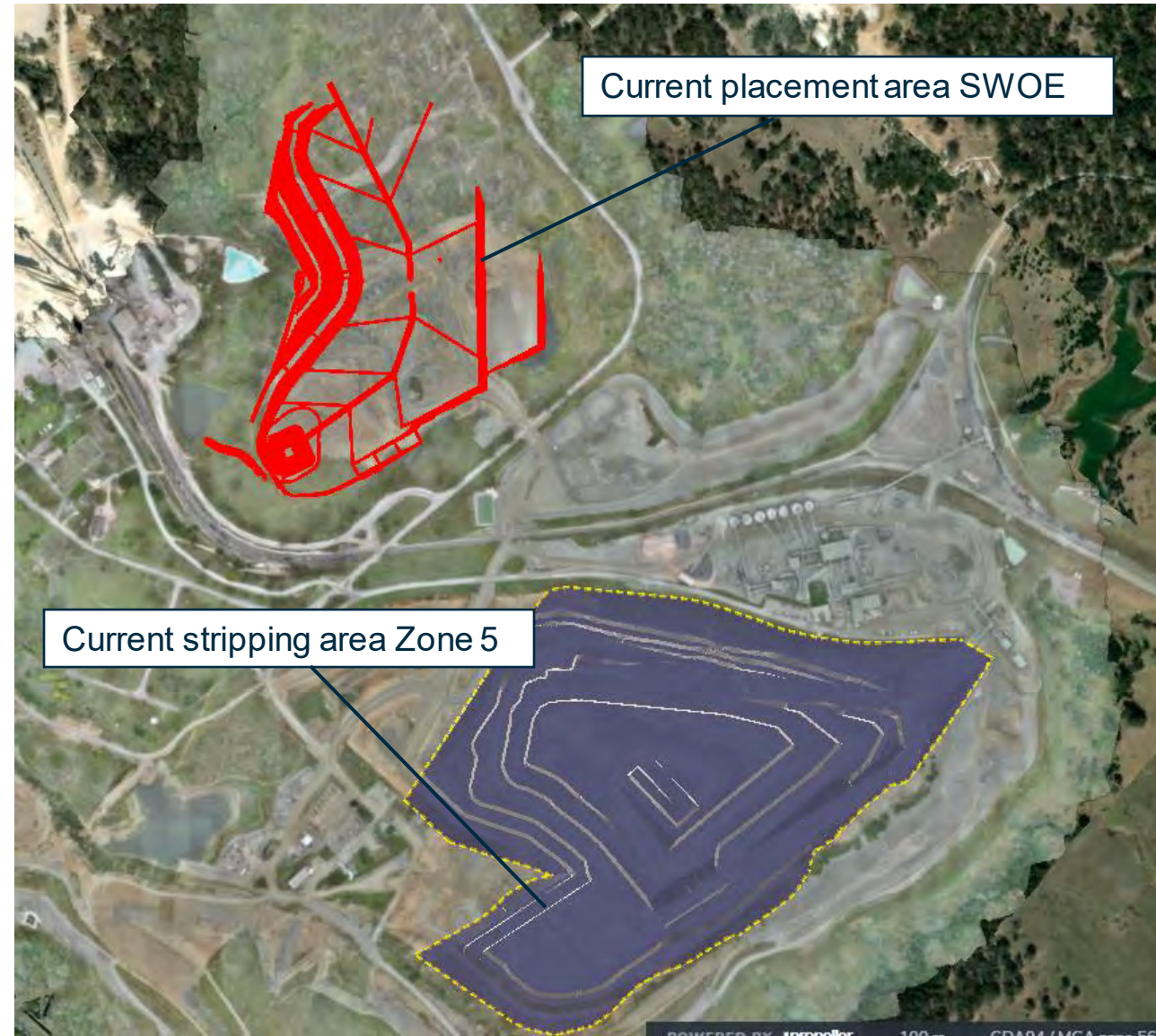
Building
something
great

- **900 copies of the Marulan Newsletter printed on a monthly basis for the Marulan Community**
- **200 copies of the Marulan Historic Society Booklet**
- **Tallong Newsletter Printed**
- **Preparation for Tallong Apple Day**



08

Operations
Next 3 months





Peppertree Quarry

Safety

Focus on the "life saving commitments"- particular focus for the year is “2024/7 Your safety is our Priority” focus on Managing chemicals & fuels securely

Overburden

Continue to strip in a Southerly direction.

Pit Update

Mobile crusher will be relocated to RL 525 Level and become semi fixed for an estimated 2-5 years.

Processing (STQ)

Continue to supply aggregates and sand to Sydney metro.

Transport

Commence product despatches by truck from shared road sales stockpile area as per Marulan South Limestone development consent.

People

Nil

Marulan South Limestone



Safety

Working at heights and confined space training. Structural and guarding audits. Focus on VOC renewal and new apprentice training.

Overburden

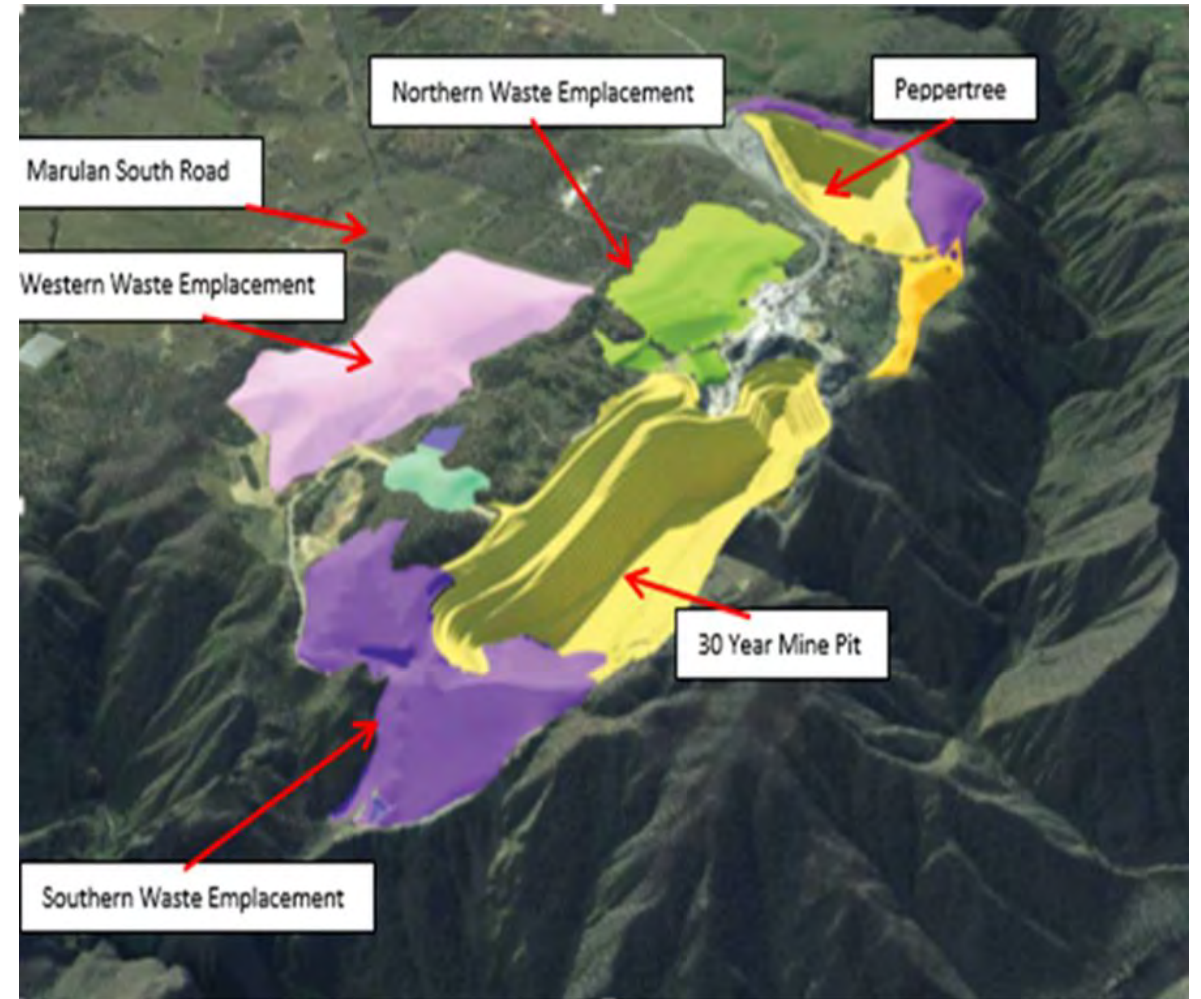
Overburden from the North-East and West of pit continues to be placed in the South and Western overburden emplacements. Clearing for new ground disturbance under the SSD to continue in South Western region of the mine.

Pit Update

Work ongoing to replace some of the ageing process infrastructure. Limestone extraction will continue in the North and Central areas of the pit. RMP finalised.

People

Currently recruiting for two management and two wage positions; boiler maker, fitter and HME superintendent.





09

General Business



Other :

Next meeting

March 2024



Building
something
great

Thanks for your participation

BORAL PEPPERTREE & MARULAN SOUTH LIMESTONE COMMUNITY CONSULTATIVE COMMITTEE

Minutes

Meeting Date: 16 March 2024

Location: Limestone Office

CCC Members

Attendees: Gordon Kirkby (JBA Urban Planning – Independent Chairperson); Geoff Clark (representing Tallong Community Focus Group); Russell Montgomery (community representative) Peter Walker (Mayor – representing Goulburn Mulwaree Council)

Boral attendees: IJ Ehighibe (PTQ), Therese Hadjia (MSL), Les Longhurst (MSL) Frank Lourey (PTQ).

Apologies: Charles Mendel (community representative)

Distribution: As above; Department of Planning (Georgia.Dragicevic@planning.nsw.gov.au); Goulburn Mulwaree Council Administration (amy.croker@goulburn.nsw.gov.au)

Subject: 16 March 2024 Meeting of Boral Peppertree Quarry & Marulan South Limestone Mine CCC

| Item | Description |
|--|---|
| Welcome and Introduction | Gordon opened the meeting at 3:20 pm. |
| Apologies | as above |
| Site Inspection | A site inspection was not held. |
| Confirmation of minutes from previous meeting | The Committee accept that the minutes from last meeting were an accurate record of the meeting. |
| Business arising | <p>GK advised that, as part of the MSL Quarry independent environmental audit process, GK and GC had been interviewed as CCC representatives.</p> <p>PW advised that Council was talking to Minister for TAFE regrading how the needs of local industries could best be accommodated in courses at local TAFE campuses. A formal meeting is being proposed. Council was hoping to get input from local quarry firms on courses that would best serve their needs.</p> |
| CORRESPONDENCE IN AND OUT | <p>PEPPERTREE Quarry:</p> <p>Department of Planning and Environment</p> <ul style="list-style-type: none">• Update of Environmental Management Plans• Annual review to be submitted 28th March 2024 <p>EPA</p> <ul style="list-style-type: none">• Submitted EPL Variation <p>Resource Regulator</p> <ul style="list-style-type: none">• Regulator Targeted education program – roads and other operating areas |

| | |
|--|--|
| | Goulburn Mulwaree Council <ul style="list-style-type: none"> Nil Geoff Clark <ul style="list-style-type: none"> Weather data reviews – weather station monthly reviews. |
| | MARULAN SOUTH LIMESTONE: Department of Planning and Environment <ul style="list-style-type: none"> Engagement of Independent Auditor Rehabilitation Management Plan finalisation EPA <ul style="list-style-type: none"> Submitted Annual Return Resource Regulator <ul style="list-style-type: none"> Rehabilitation Management Plan finalised Planned Mobile Plant Fire and Health Control Plan inspection as part of RR targeted intervention program Biodiversity Conservation Trust <ul style="list-style-type: none"> Retirement of Credits Goulburn Mulwaree Council <ul style="list-style-type: none"> Work ongoing on designs of upgrade for Marulan South Road. Road upgrade scheduled for Mid-2025 7.11 Contributions Geoff Clark <ul style="list-style-type: none"> Weather data reviews – weather station |

| | |
|---------------------------------------|---|
| PROGRESS OF OPERATIONS TO DATE | PEPPERTREE QUARRY Safety <ul style="list-style-type: none"> No LTI/MTI over the last three months. Hazard reporting has improved. Safety training on Mental health, Emergency Response for Bush fire Preparedness training, Oil spillage, and Fire extinguisher training. Peppertree celebrated one year of zero MTI and three years LTI. Overburden <ul style="list-style-type: none"> Construction of the South western overburden (Mod 5) continued with 2.3 million tonnes of overburden emplaced in a year (Jan- Dec 2023) Pit Update <ul style="list-style-type: none"> The mobile primary crusher continues on RL555 level via the new conveyor system that grants the in-pit crusher access to rock materials to the north-east and allows it to head in a south-easterly direction. Processing (STQ) <ul style="list-style-type: none"> Production on target People <ul style="list-style-type: none"> New Lab Technician. MARULAN SOUTH LIMESTONE Safety <ul style="list-style-type: none"> Following NSW wide regulator lifting and crane intervention we have undertaken a risk assessment on site and are working through task SWMS. Trained two mental health champions on site. Site leader stop for safety. Attended a regulator mechanical engineering forum. Ongoing commitment to maintain currency of employee |
|---------------------------------------|---|

| | |
|----------------------------------|---|
| | <ul style="list-style-type: none"> skills including various trades and high-risk activities <p>Overburden</p> <ul style="list-style-type: none"> Overburden stripping has been progressing at a steady 375,000t/month <p>Limestone Extraction</p> <ul style="list-style-type: none"> Extracting at a rate of 250,000t/month. <p>People</p> <ul style="list-style-type: none"> Total of 96 employees on site. Engaged three apprentices as a fitter, boiler and electrician and upgraded a fitter apprentice to a dual plant mechanic apprenticeship. 20 and 10 year anniversary celebrated. |
| ENVIRONMENTAL PERFORMANCE | PEPPERTREE QUARRY |
| Environmental Incidents | <p>Environmental Incidents (November 2023 – February 2024)</p> <ul style="list-style-type: none"> Nil |
| Complaints | <p>Complaints (November 2023 – February 2024)</p> <ul style="list-style-type: none"> Nil |
| Air Quality | <p>Air Quality</p> <ul style="list-style-type: none"> Dust Deposition Gauges - All results are below the criteria as per the approval PM10, Annual average in compliance at the boundary. All samples in compliance over 24-hour criteria at boundary. TSP in compliance. PM2.5 In compliance for the past 3 months. Exceedance in October due to westerly wind and wind speed conditions but extrapolated data to the nearest boundary was below the threshold. |
| Blasting | <ul style="list-style-type: none"> All blasts complied with overpressure and vibration measurement requirements. |
| Noise | <ul style="list-style-type: none"> Monitoring was undertaken over the 11th and 13th December 2023. Results for the December round are in compliance. Next round due January - March with monitoring on 5th-8th March 2024 |
| Surface water | <ul style="list-style-type: none"> No issues with water supply or quality over the last 3 months. Quarterly monitoring round undertaken in October-December 2023 with sampling on Friday 5th December 2023 and January-March quarter sampled on 6th March 2024. Total pH was within guideline for samples Total dissolved solids below guideline for samples with exception of Marulan South Creek and main dam and Upper curvet (U1). Turbidity- Below guideline for samples Total phosphorus - Below guideline for samples except Main Dam and Upper curvet (U1) Total Nitrogen – above guidelines for samples Environmental Flow - 10% environmental flow required – in compliance. |

| | |
|---|---|
| <p>Ground water</p> <p>Heritage</p> <p>Ecology</p> | <ul style="list-style-type: none"> Monitoring conducted in December 2023 and March 2024. Results were all good for December. Results show no changes to the groundwater. Awaiting March results Artefact analysis continuing. Installation of Termite baits on scar trees. <p>Temporary Scar tree relocation done in November and display still being planned, currently undercover near P2 dam area.</p> <ul style="list-style-type: none"> Three-year plan developed for ongoing rehabilitation and maintenance <ul style="list-style-type: none"> Continuous monitoring of rehab trees and direct seed planting on site. Next phase of rehab is the Western Overburden Emplacement Weed management undertaken in the last couple of months. Focus on black berry & Tussock. Rapid Visual Assessment and Nest Box Inspection completed in November. Few feral goats have been spotted onsite NPWS conducted aerial shooting in December and a total of 12 goats removed. Ongoing pest monitoring. Next round of shooting undertaken for the 11th to 15th March and only 2 pigs shot. |
| <p>Environmental Complaints</p> <p>Air Quality</p> | <p>MARULAN SOUTH LIMESTONE</p> <ul style="list-style-type: none"> Nil for quarter Dust Deposition Gauges - All results are below the goal as per the approval PM10, Annual average & 24 hr in compliance at the boundary. TSP in compliance. PM2.5 - in compliance for past 3 months. |
| <p>Noise</p> <p>Blasting</p> <p>Surface water</p> <p>Ground water</p> <p>Ecology</p> | <ul style="list-style-type: none"> Monitoring was undertaken on 6th and 7th March 2024 with results in compliance. Next round due June 2024. All blasts complied with overpressure and vibration measurements requirements. Quarterly monitoring round undertaken 23rd November 2023 No issues with water supply or quality over the last 3 months pH with guidelines limits TSP within guideline limits Nitrogen within guideline limits Phosphorus within guideline limits <p>Within guideline limits.</p> <ul style="list-style-type: none"> Weed Control: Pampas Pest Control: Aerial cull in conjunction with NPWS 9Ha topsoil spread on batters |

| | |
|------------------------------------|--|
| Community engagement | <ul style="list-style-type: none"> • 900 copies of the Marulan Newsletter printed on a monthly basis for the Marulan Community • 200 copies of the Marulan Historic Society Booklet • Tallong Newsletter printed. • Preparation for Tallong Apple Day |
| Plans for next three months | <p><u>PEPPERTREE QUARRY</u></p> <p>Safety</p> <p>Focus on the "life saving commitments"-particular focus for the year is "2024/7 Your safety is out priority" focus on managing chemicals and fuels securely.</p> <p>Overburden</p> <p>Continue to strip in a Southerly direction.</p> <p>Pit Update</p> <p>Mobile crusher will be relocated to RL 525 Level and become semi fixed for an estimated 2-5 years.</p> <p>Processing(STQ)</p> <p>Continue to supply aggregates and sand to Sydney metro.</p> <p>Transport</p> <p>Commence product despatches by truck from shared road sales stockpile area as per Marulan South Limestone development consent.</p> <p>People</p> <p>Nil</p> |
| | <p><u>MARULAN SOUTH LIMESTONE</u></p> <p>Safety</p> <p>Working at heights and confined space training. Structural and guarding audits. Focus on VOC renewal and new apprentice training.</p> <p>Overburden</p> <p>Overburden from the North-East and West of pit continues to be placed in the South and Western overburden emplacements. Clearing for new ground disturbance under the SSD to continue in South Western region of the mine.</p> <p>Pit Update</p> <p>Work ongoing to replace some of the ageing process infrastructure. Limestone extraction will continue in the North and Central areas of the pit. RMP finalised.</p> <p>People</p> <p>Currently recruiting for two management and two wage positions; boiler maker, fitter and HME superintendent.</p> |
| General Business | <p>PW advised that he was a member of the Executive Committee of the South East Australian Transport Strategy (SEATS). There was a meeting proposed for the 16th of May and requested that Boral send a representative to give and overview of their operations and truck movements and associated challenges.</p> |
| Actions | <p>PW to send an invite to Broal re SEATS Meeting.</p> |



| | |
|---------------|----------------|
| Next Meeting | June/July 2024 |
| Meeting Close | 4:15pm |

Community Consultative Committee

Peppertree Quarry & Marulan South Limestone
June 2024



AGENDA

1. Welcome and introductions
2. Confirmation of minutes and actions
3. Business arising
4. Correspondence
5. Operations over the last 3 months
6. Environmental performance
 - a. Incidents
 - b. Complaints
 - c. Air
 - d. Noise
 - e. Blast
 - f. Water – surface and ground
 - g. Heritage
 - h. Ecology
7. Stakeholder Engagement
8. Plans for the next 3 months
9. General Business
10. Next meetings - Sep 2024





Building
something
great

01

Welcome and apologies



02

Confirmation of
minutes



Building
something
great



03

Business arising



Building
something
great

04

Correspondence April 2024 – June 2024



Peppertree Quarry

Department of Planning and Environment

Update of Environmental Management Plans
Annual Review was submitted and "approved" by DPE

DCCEEW

EPBC annual report submitted
Desk top audit of EPBC conditions of consent

EPA

Submitted EPL variation
Site inspection and EPL audit undertaken as part of
3 yearly review and risk assessment
Storm event overflows reported to EPA

Resources Regulator

Health Control Plan review

Goulburn Mulwaree Council

Nil

Geoff Clark

Weather data reviews – weather station monthly
reviews

Marulan South Limestone

EPA

- EPA CEO and Boral CEO site visit

Resources Regulator

- FLRP and ROBJ submitted
- Planned Inspections: Fires on mobile plant
- Minor derailment reported to Rail Regulator
- Potential Blasting Misfire Reported

Biodiversity Conservation Trust (BCT)

- Stewardship Site Inspection

Department of Planning and Environment

- Independent Audit completed

Goulburn Mulwaree Council

- Work ongoing on designs of upgrade for Marulan South Road. Road upgrade scheduled for Mid 2025
- Section 7.11 contributions finalised

Geoff Clark

Weather data reviews – weather station



05

Operations
Past 3 months



Building
something
great

Peppertree Quarry

Safety & Culture

No LTI/MTI since the last meeting. Safety focus has been on Drugs and Alcohol Policy and Slips, trips and falls.

The Boral Say campaign has been commenced.

Overburden

Ceased active construction at the end of March 2024. Will recommence potentially in 2025 once we need to expand the pit.

Pit Update

The mobile primary crusher was moved to RL525 at the end of May. Tip Bin is being installed to allow greater efficiency in feeding material to the Crusher. It is forecasted that this will result in less blasts.

Processing (STQ)

Production forecast for the FY was achieved

People

Promotion of female staff member to Quarry site supervisor



on Maternity leave. Sharon and Chris filling in.

Marulan South Limestone

Safety

Focus on high risk VOCs renewal and apprentice training. April Flu shots. Mobile Cell AEDs installed in a number of utes. Working at heights and confined space training. Structural and guarding audits.

Overburden

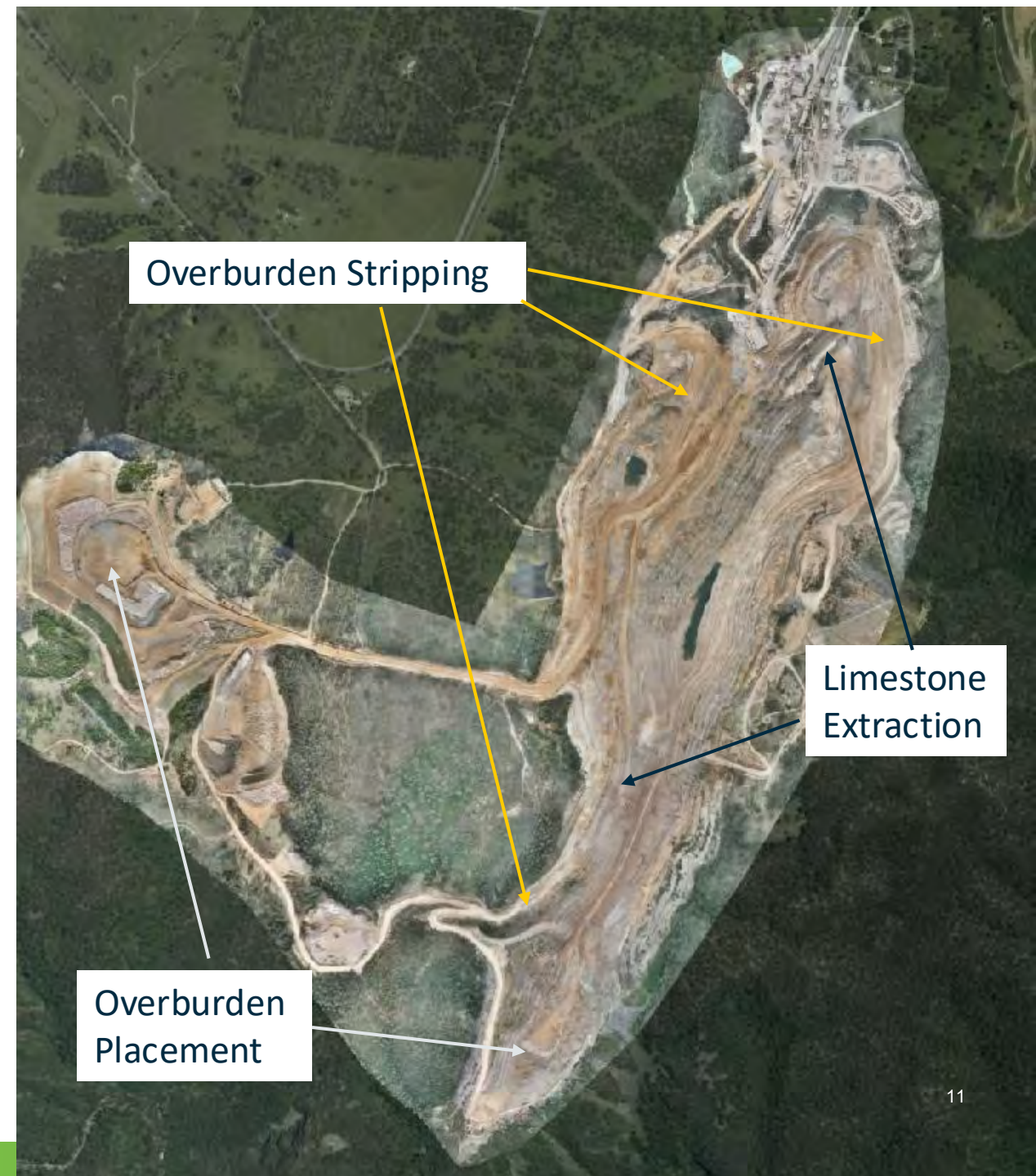
Overburden stripping has been progressing at a steady 375,000t/month.

Limestone Extraction

Extracting at a rate of 250,000t/month.

People

Total of 98 employees on site. Engaged a new HME Maintenance Superintendent and Environmental Advisor. Engaged a qualified boiler maker and two lime plant production operators. Two 10-year service awards have been presented.



06

Environmental Performance



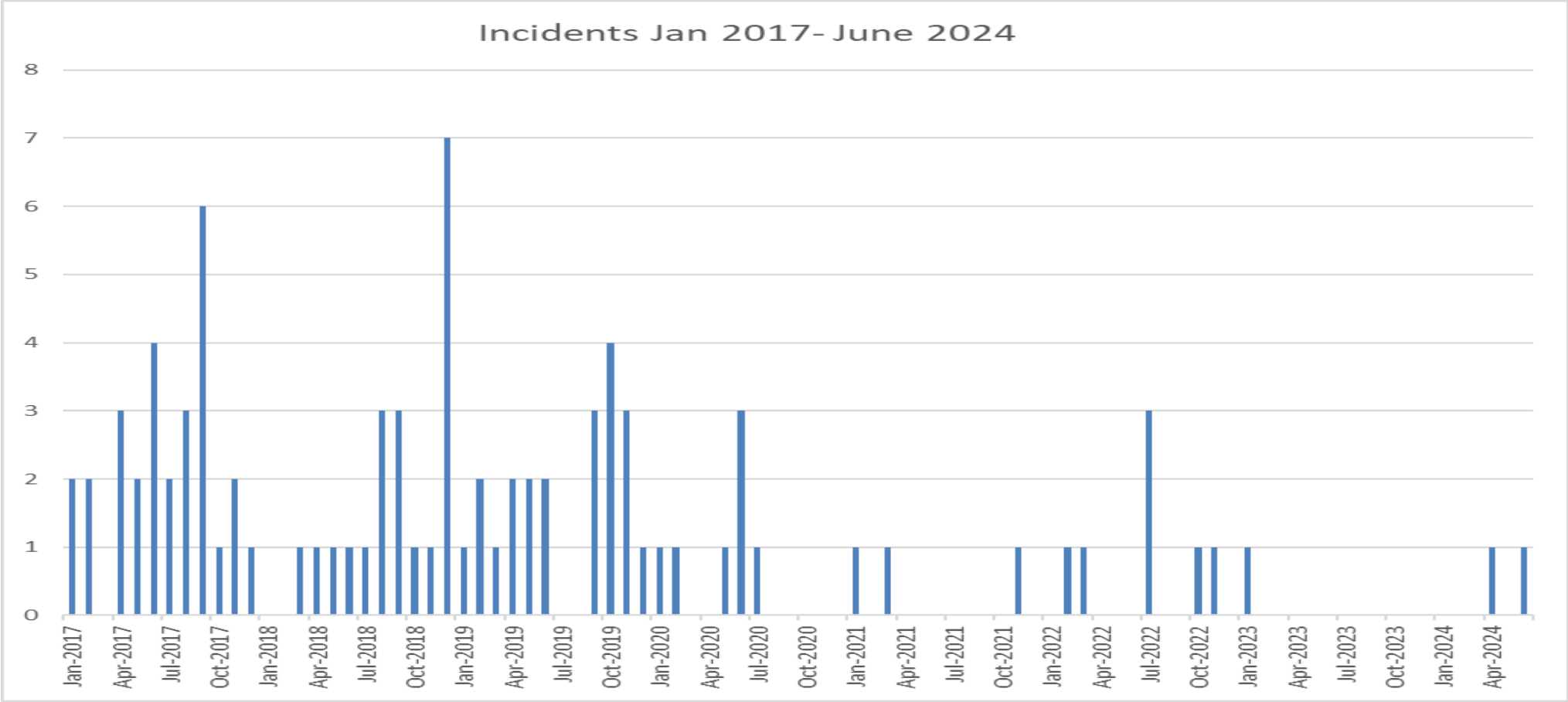
06.1

Environmental Performance Peppertree Quarry



Building
something
great

Environmental Incidents Jan 2017 to June 2024

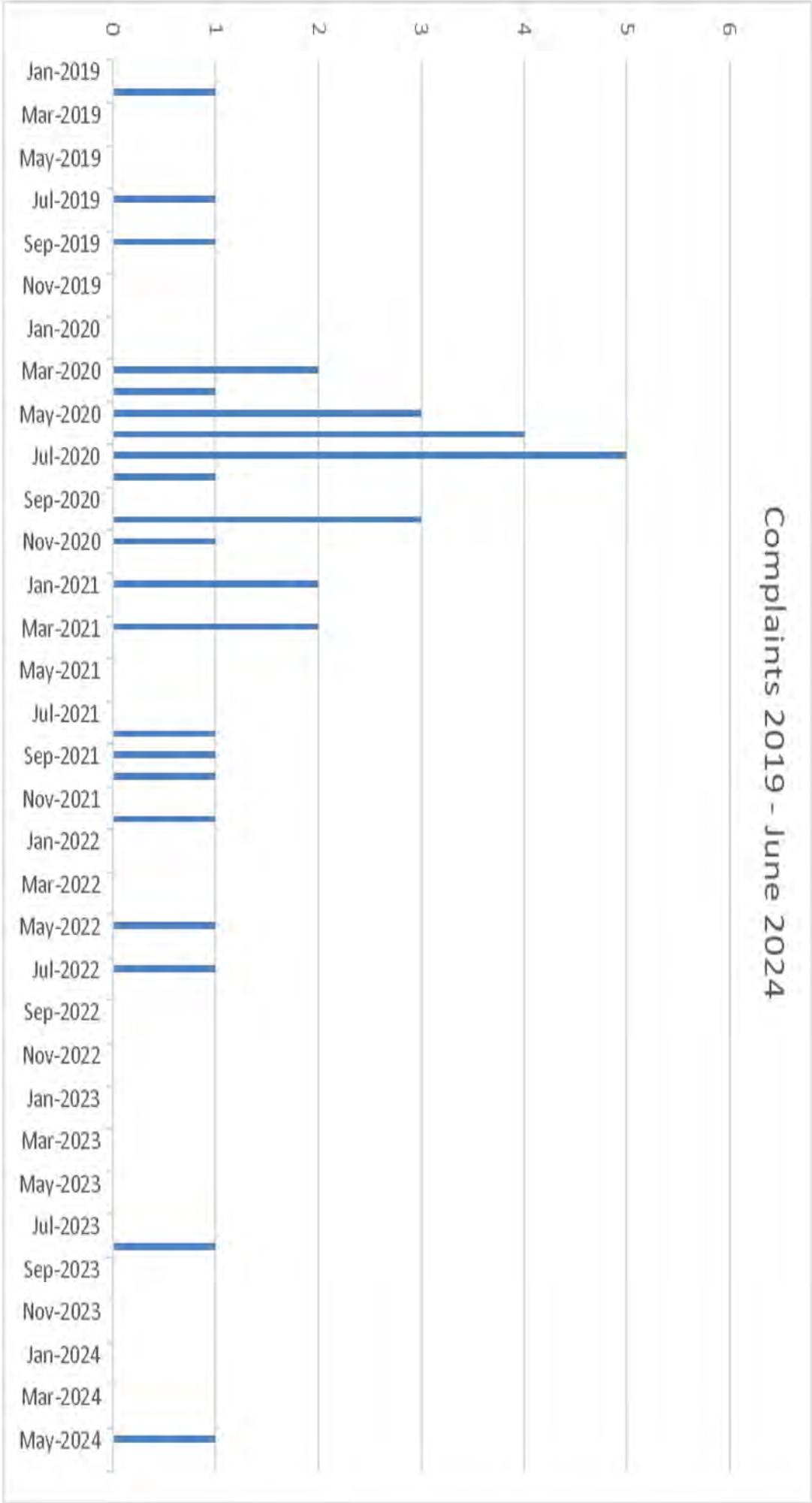


two Incidents (March to June)
Oil spill at crusher
Storm water discharges

Environmental Complaints Jan 2019 to June 2024

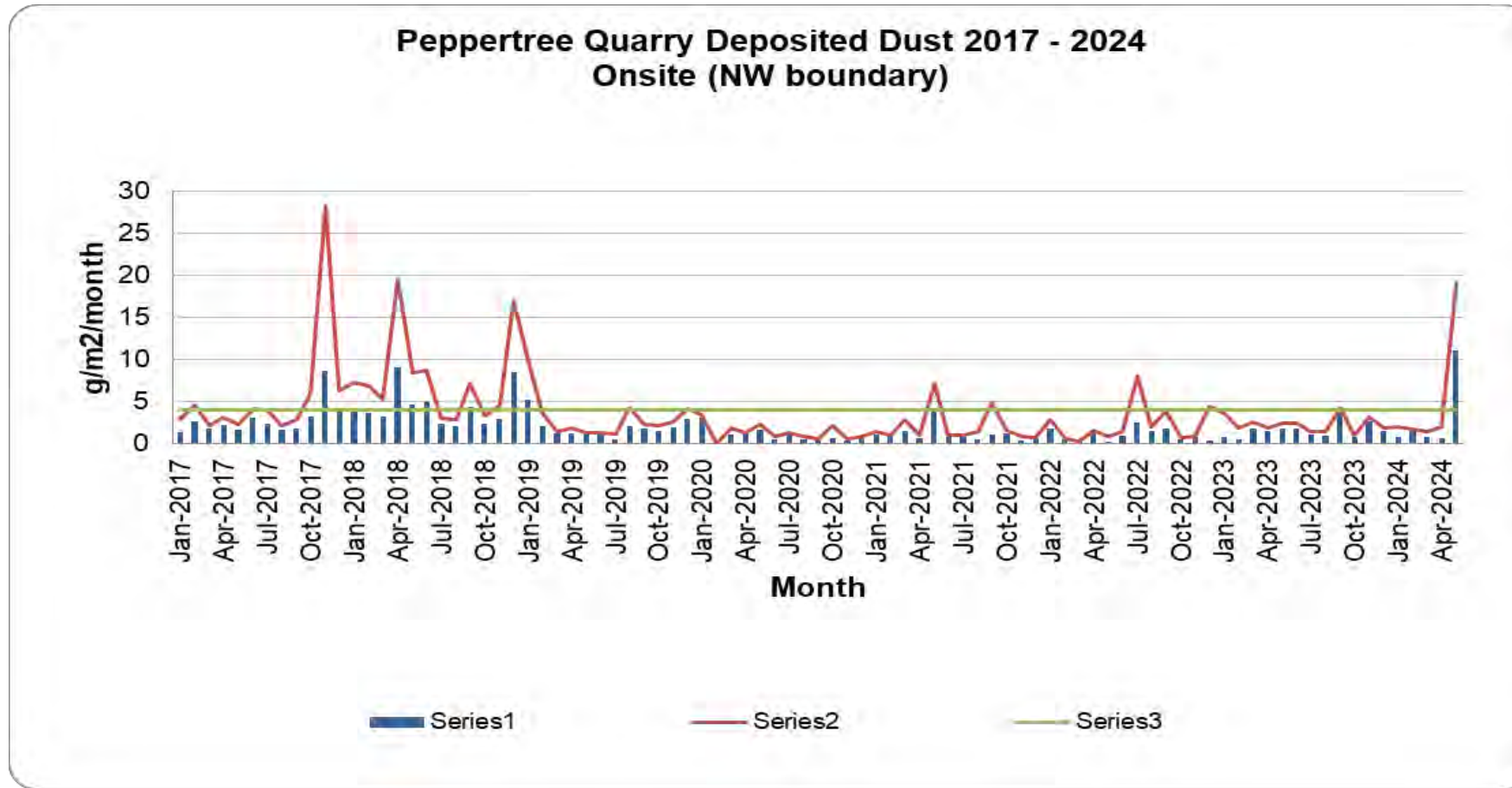


Complaints 2019 - June 2024



➤ one complaint (March to June)

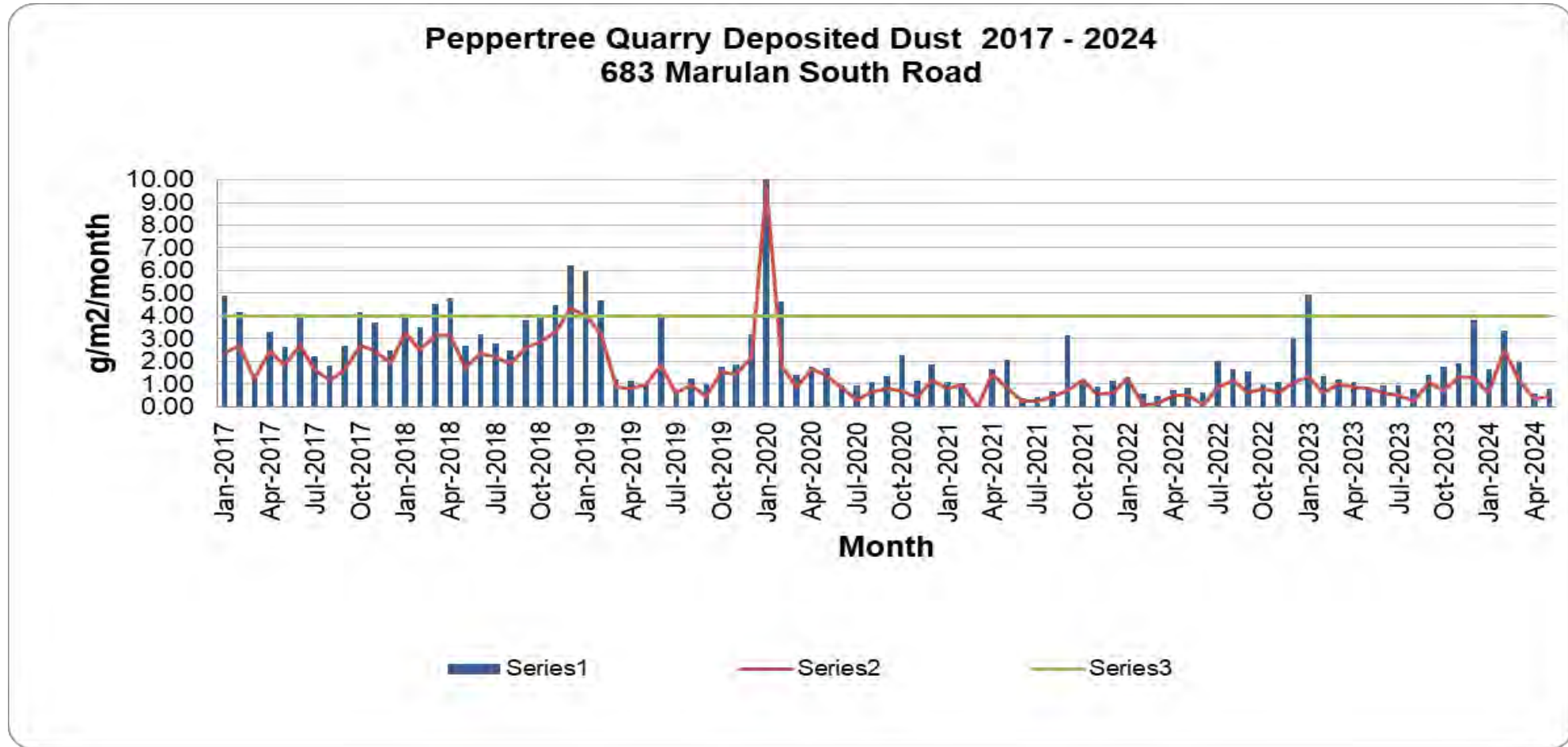
Air – Dust deposition Gauge D1



Annual Average goal of 4gm²/month

In compliance with the exception of May
Annual average below goal at the boundary

Air – Dust Deposition Gauge D2



Annual Average goal of 4gm²/month

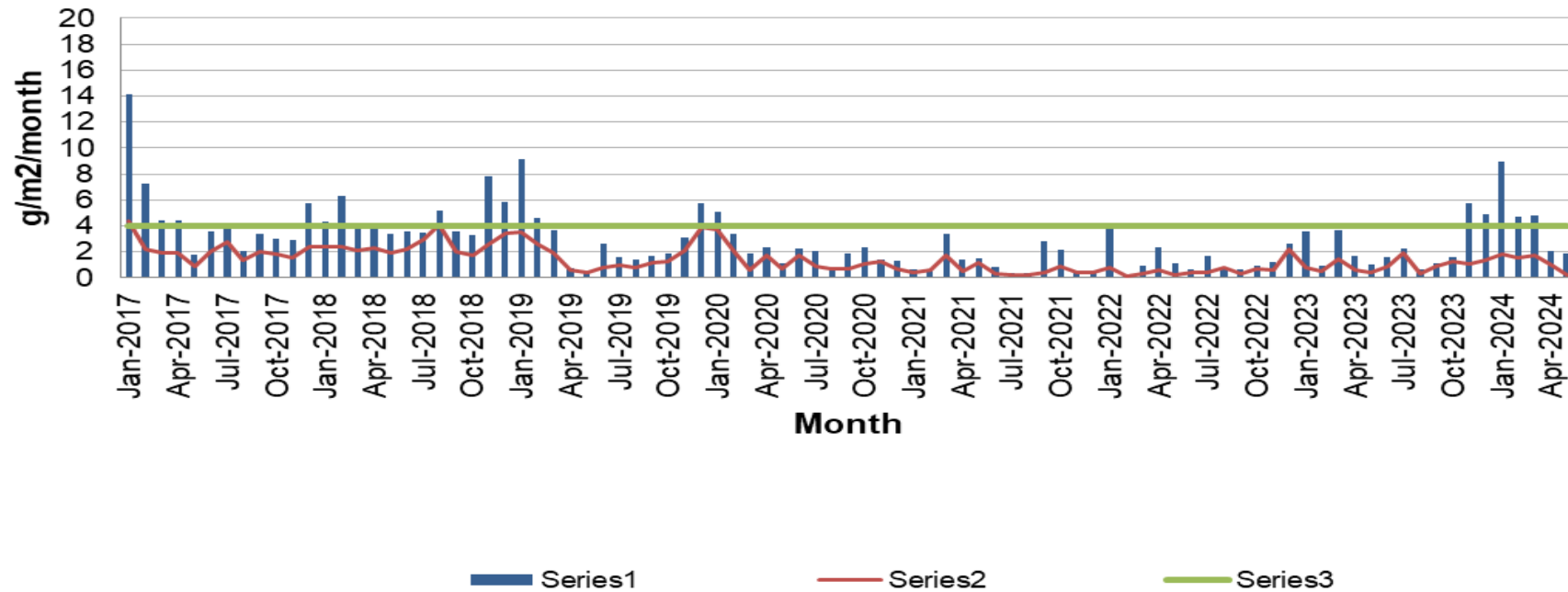
In compliance

Annual average below goal at the boundary

Air – Dust Deposition Gauge D3



Peppertree Quarry Deposited Dust 2017 - 2024
432 Long Point Road, Tallong

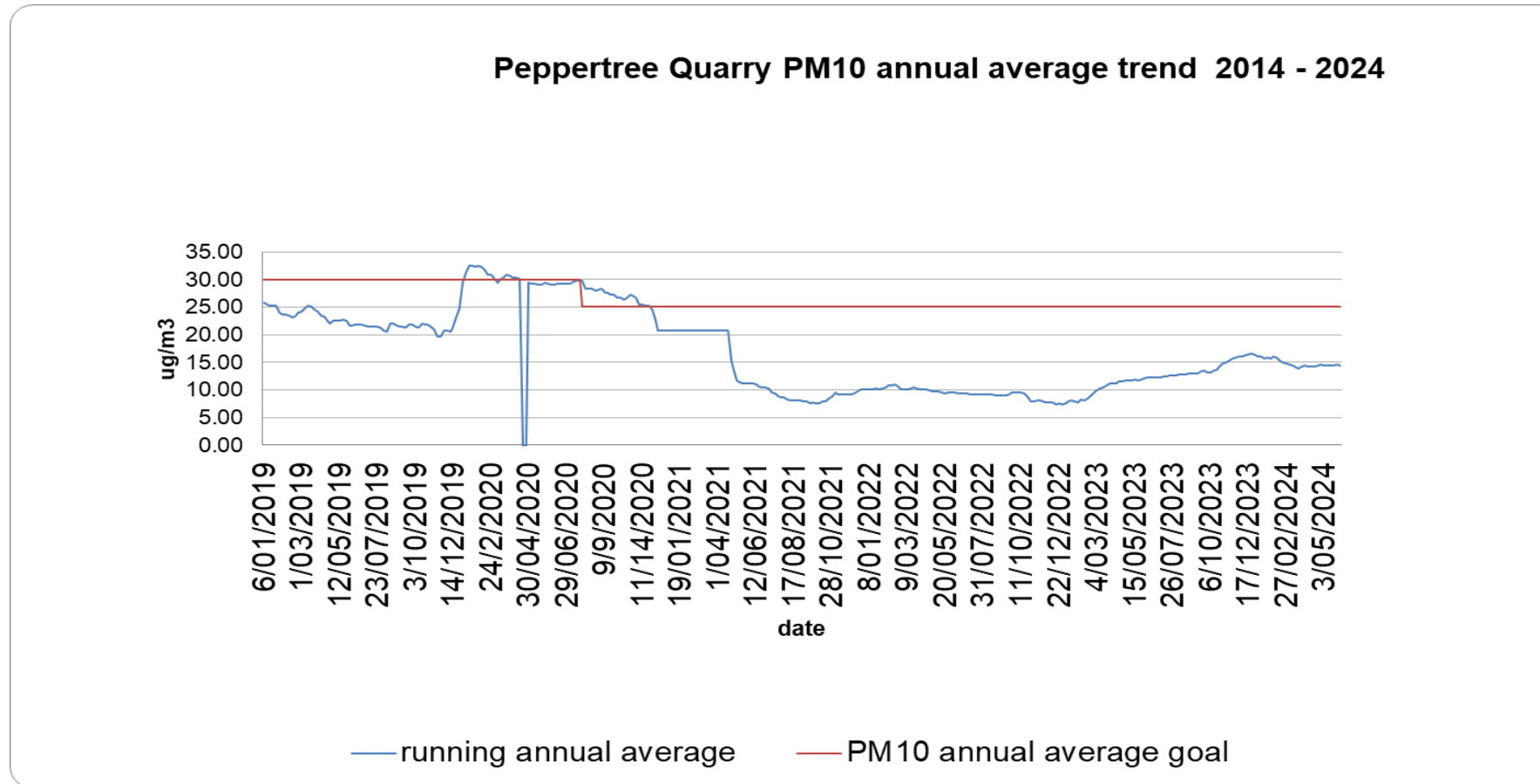


Annual Average goal of 4gm²/month

In compliance with the extrapolated Todoroski data to the Boundary.

Annual average below goal at the boundary

Air – PM10 annual average

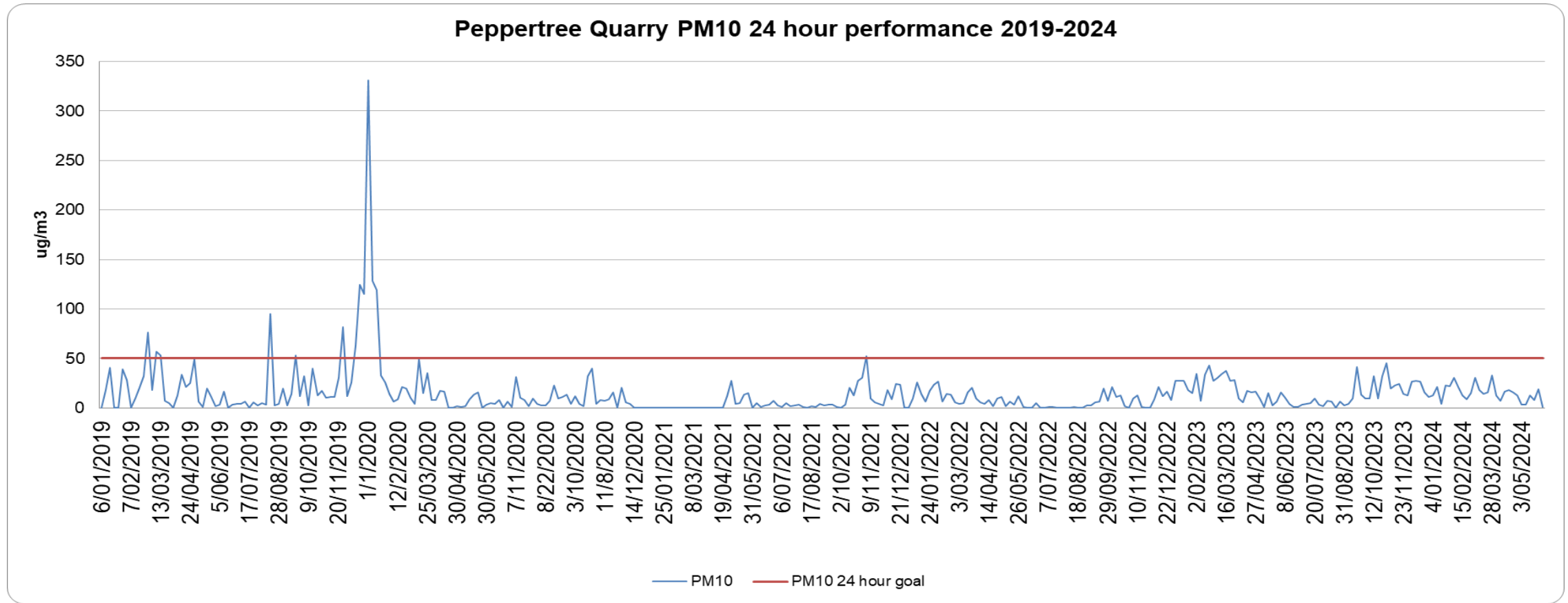


Annual Average goal of 25ug/m3

In compliance

Annual average below goal at the boundary

Air – PM10 24 Hour performance

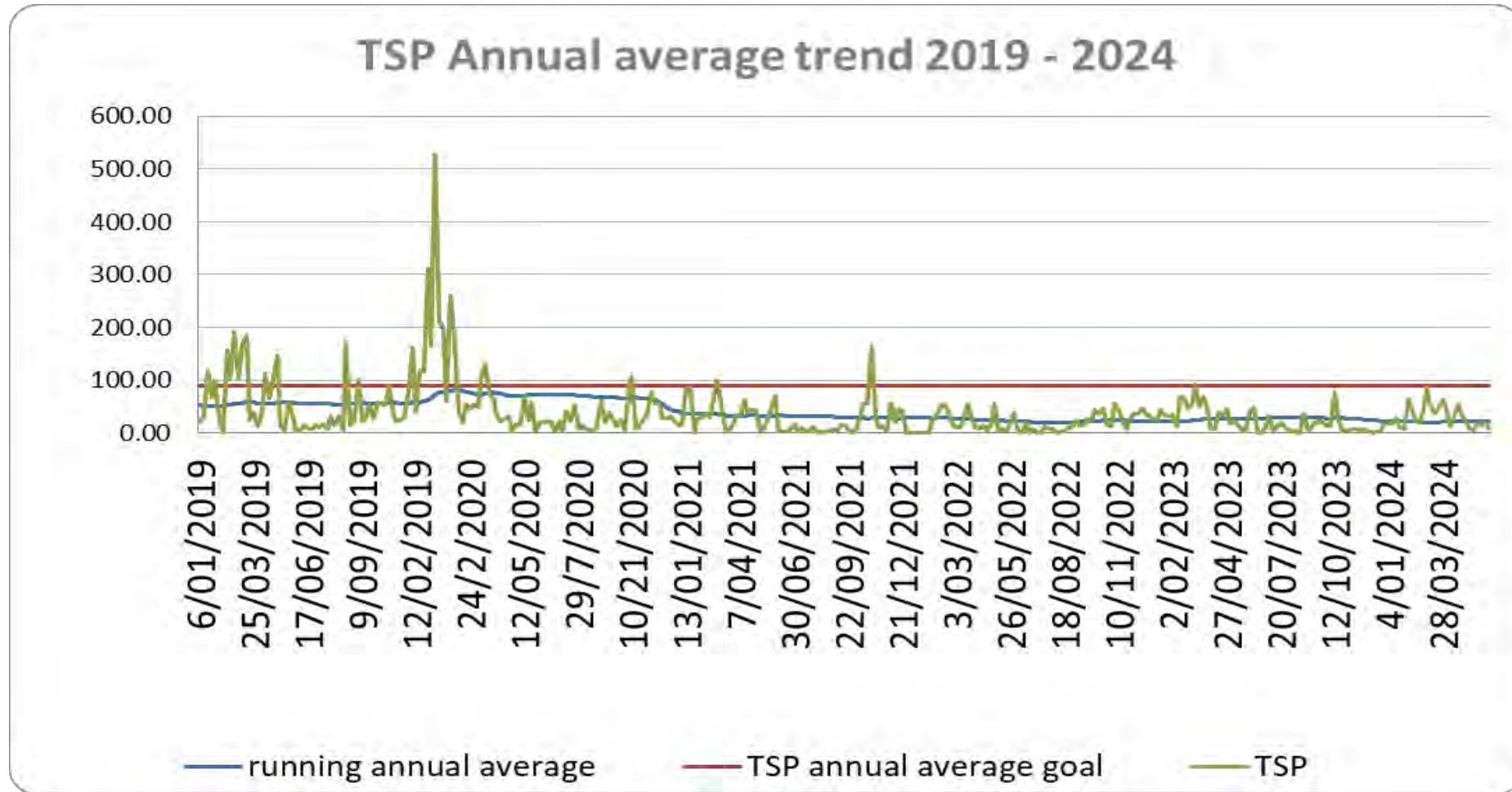


24 hour goal of 50 $\mu\text{g}/\text{m}^3$

In compliance

Annual average below goal at the boundary

Air – Total Suspended Particulates

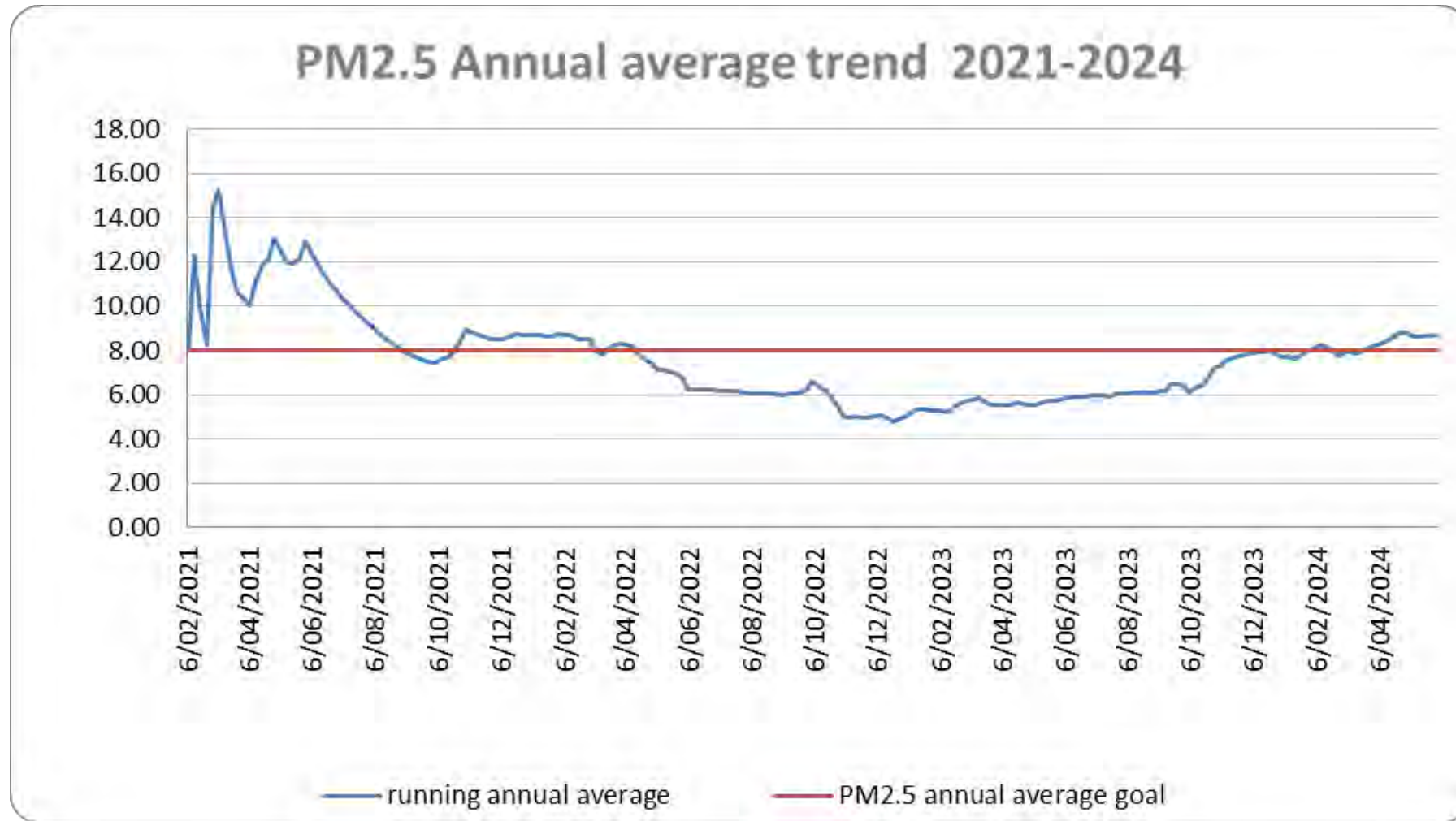


Annual Average goal of 90ug/m3

In compliance

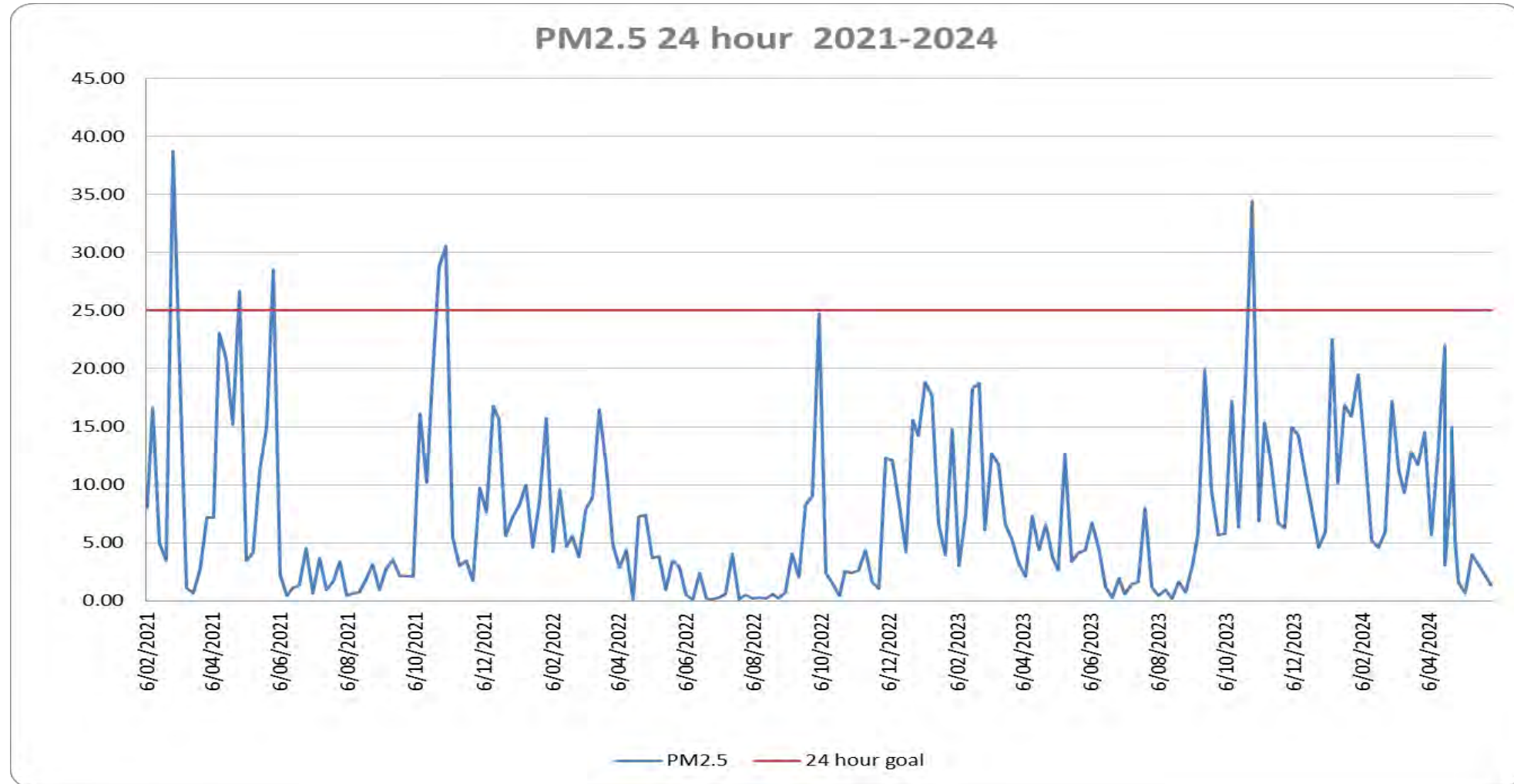
Annual average below goal at the boundary

Air – PM2.5 Annual Average



Annual average increasing over May

Air – PM2.5



In compliance for the past 3 months.

Noise – quarterly monitoring



Monitoring conducted on the 5th to the 8th of March 2024.

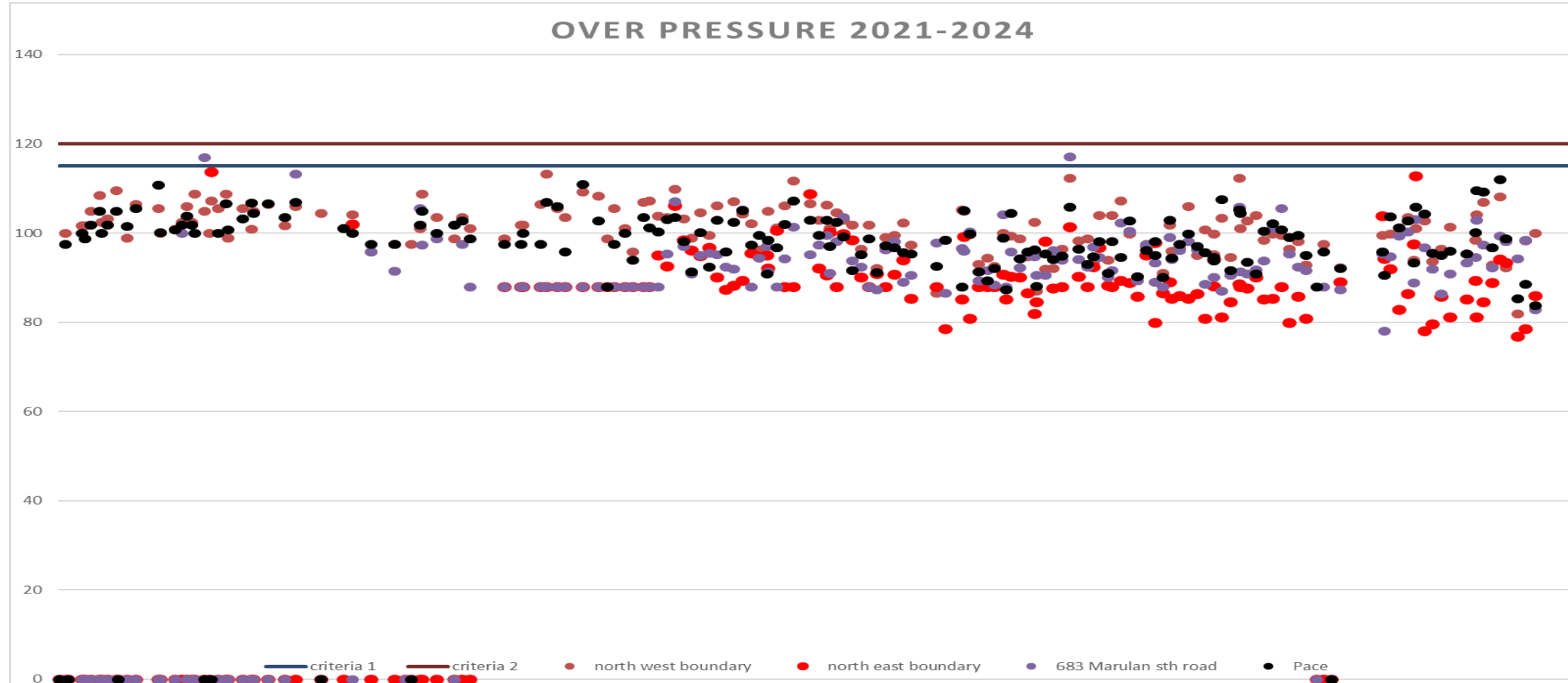
Results for the March round are in compliance.

Next round due in June but waiting on weather to be suitable

One sensitive receiver has advised that they no longer want monitoring at their home.

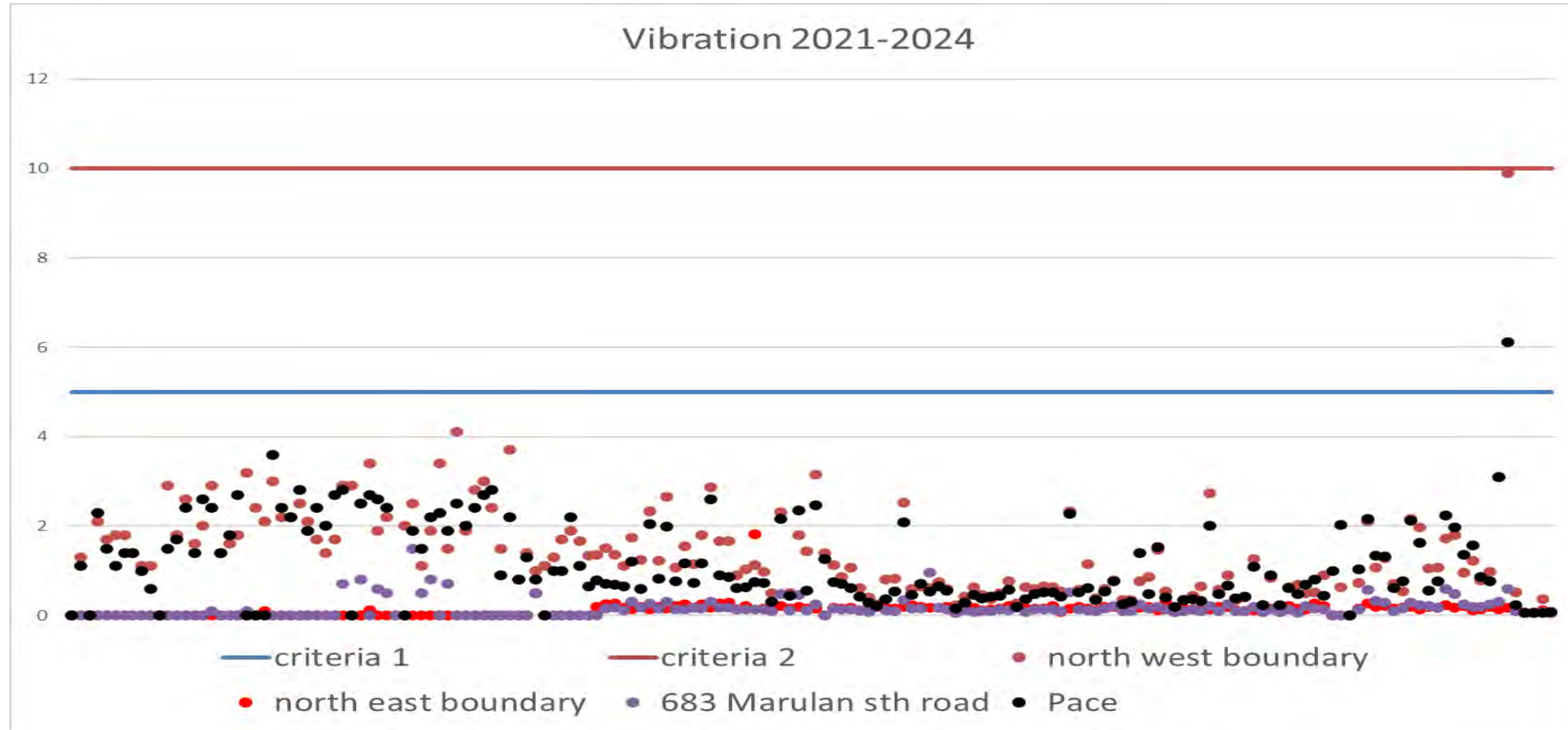
New location has been identified and modelling undertaken.

Blasting - Overpressure



In Compliance

Blasting – ground Vibration



In Compliance

Surface Water



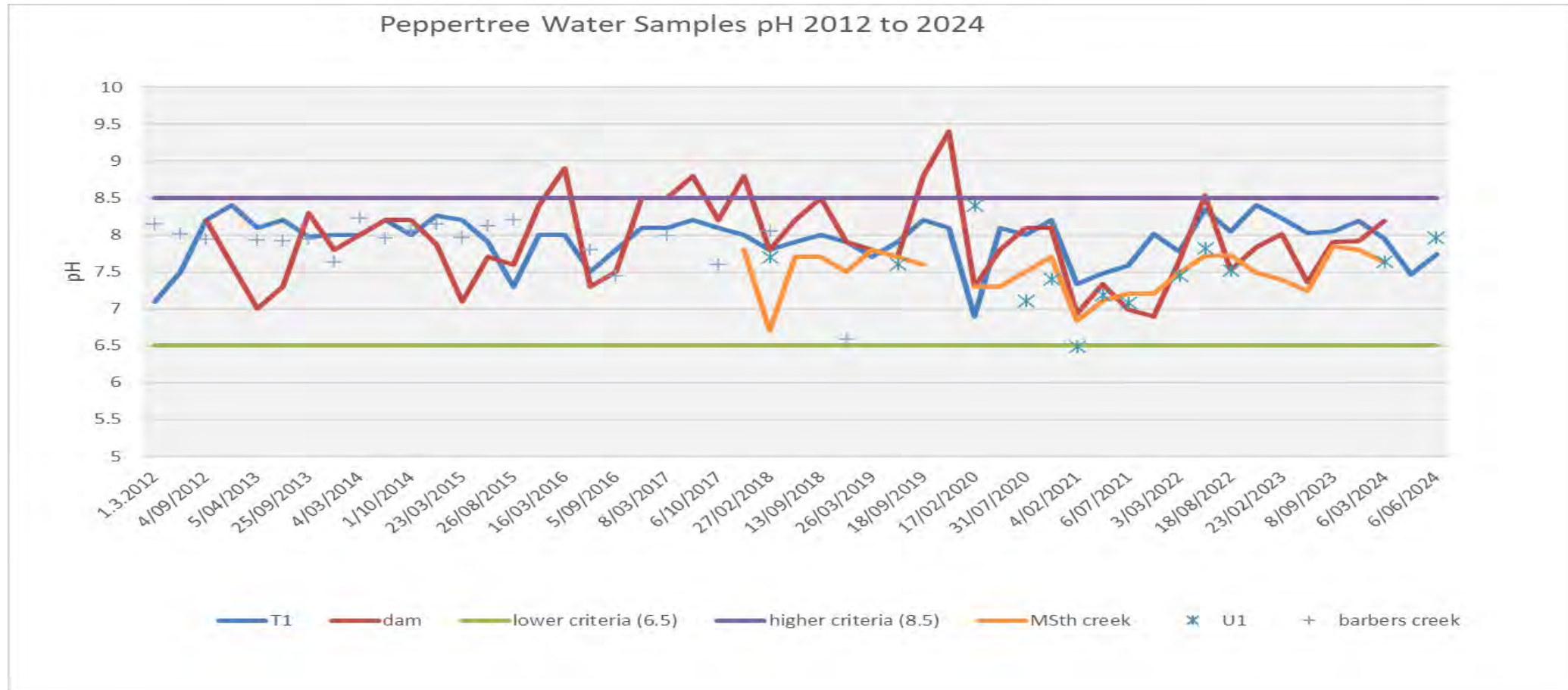
Quarterly Water sampling was undertaken in April and June.

Additional samples were taken in response to the greater than 50mls storm event. This included sampling of creeks and sediment ponds.

No issues with water supply or quality from the quarterly water sampling rounds.

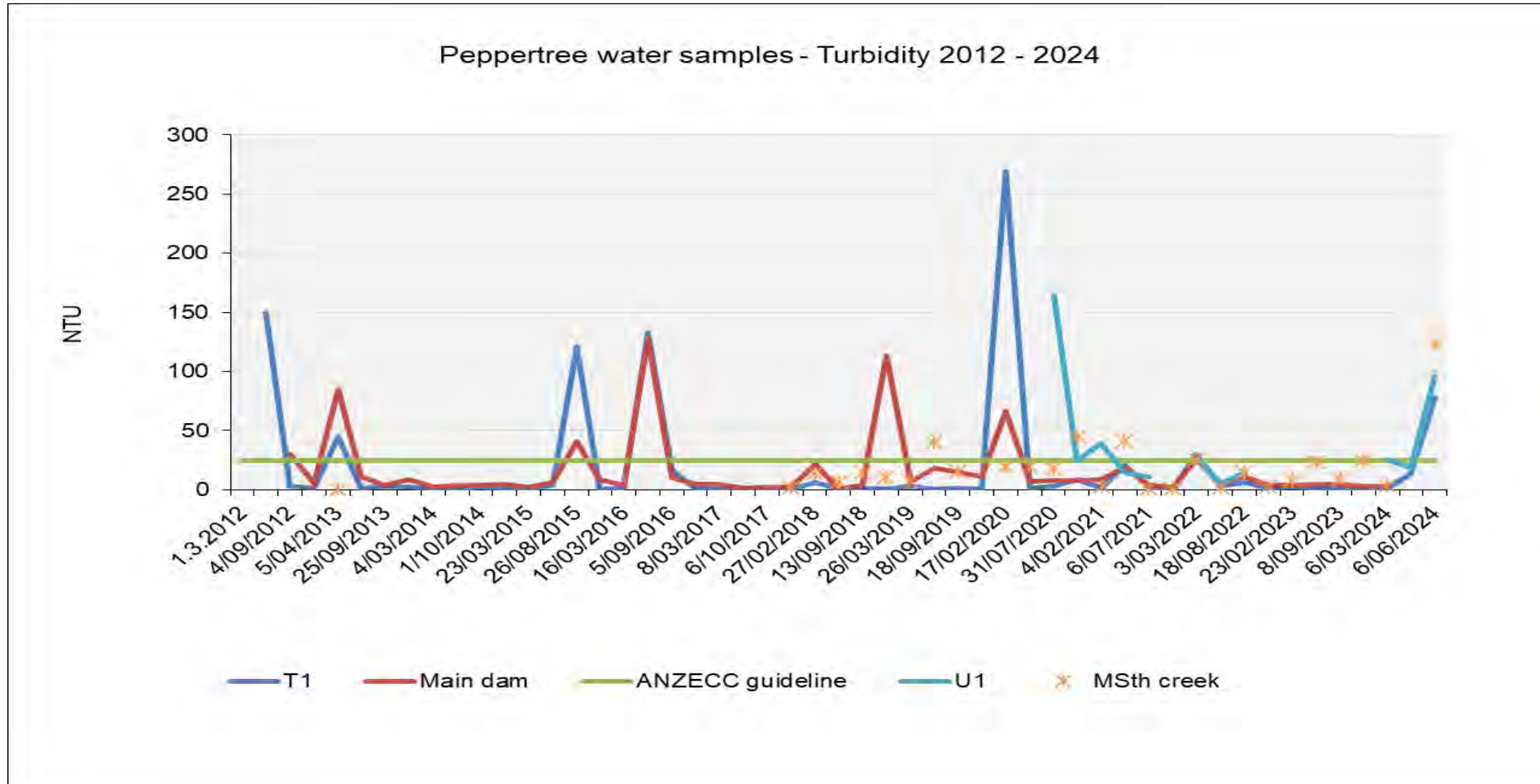
Next round of sampling to be conducted September 2024

Surface water - pH



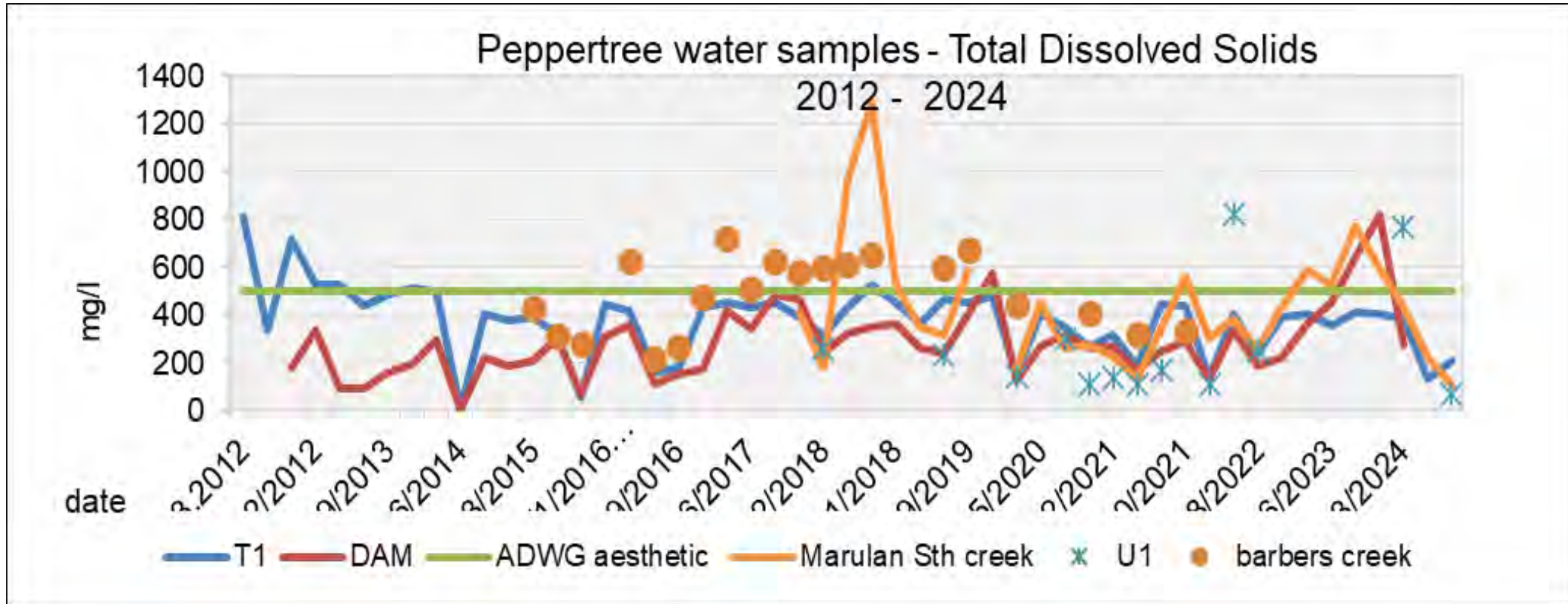
Within guideline for April and June 2024 samples

Surface water - Turbidity



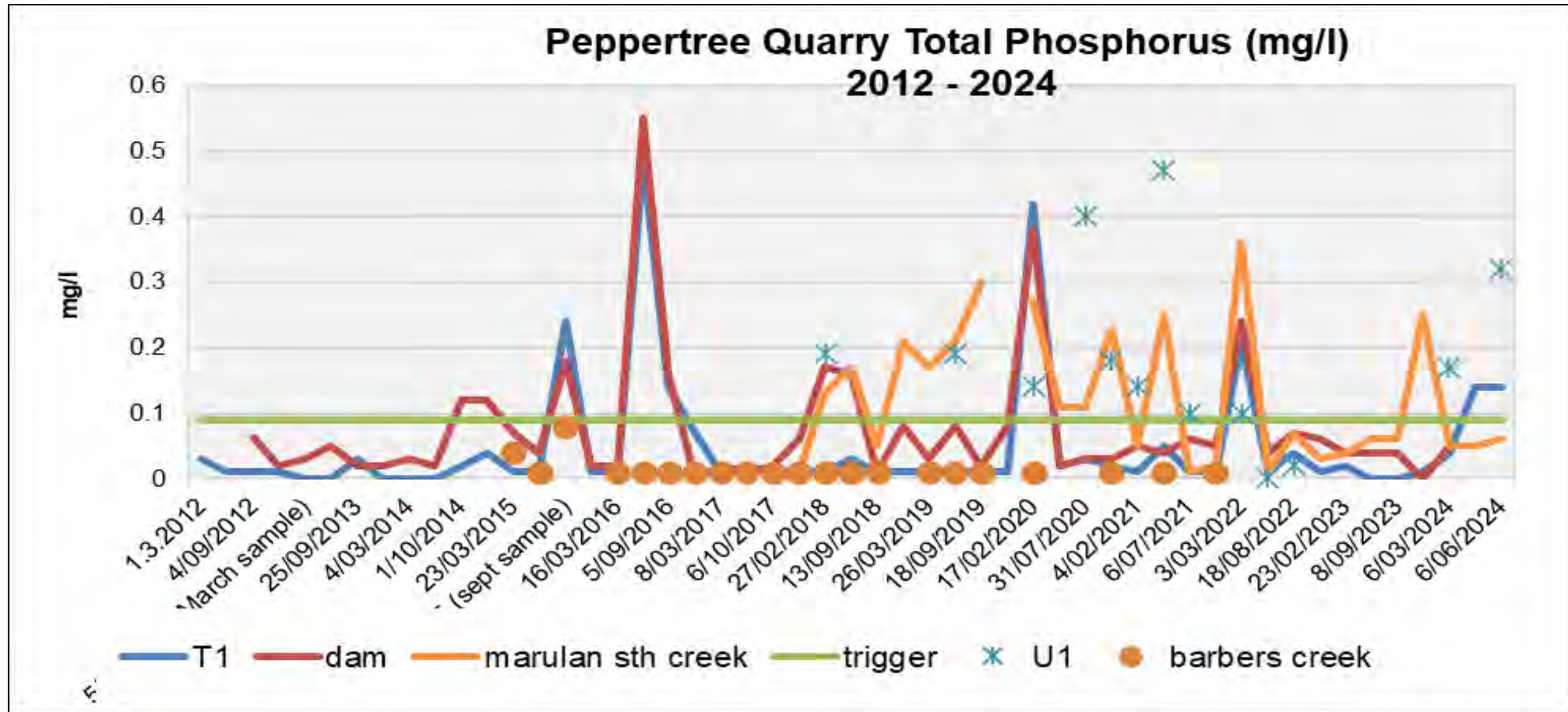
Below guideline for April samples however, all June samples above the guidelines due to rain events

Surface water – Total dissolved solids



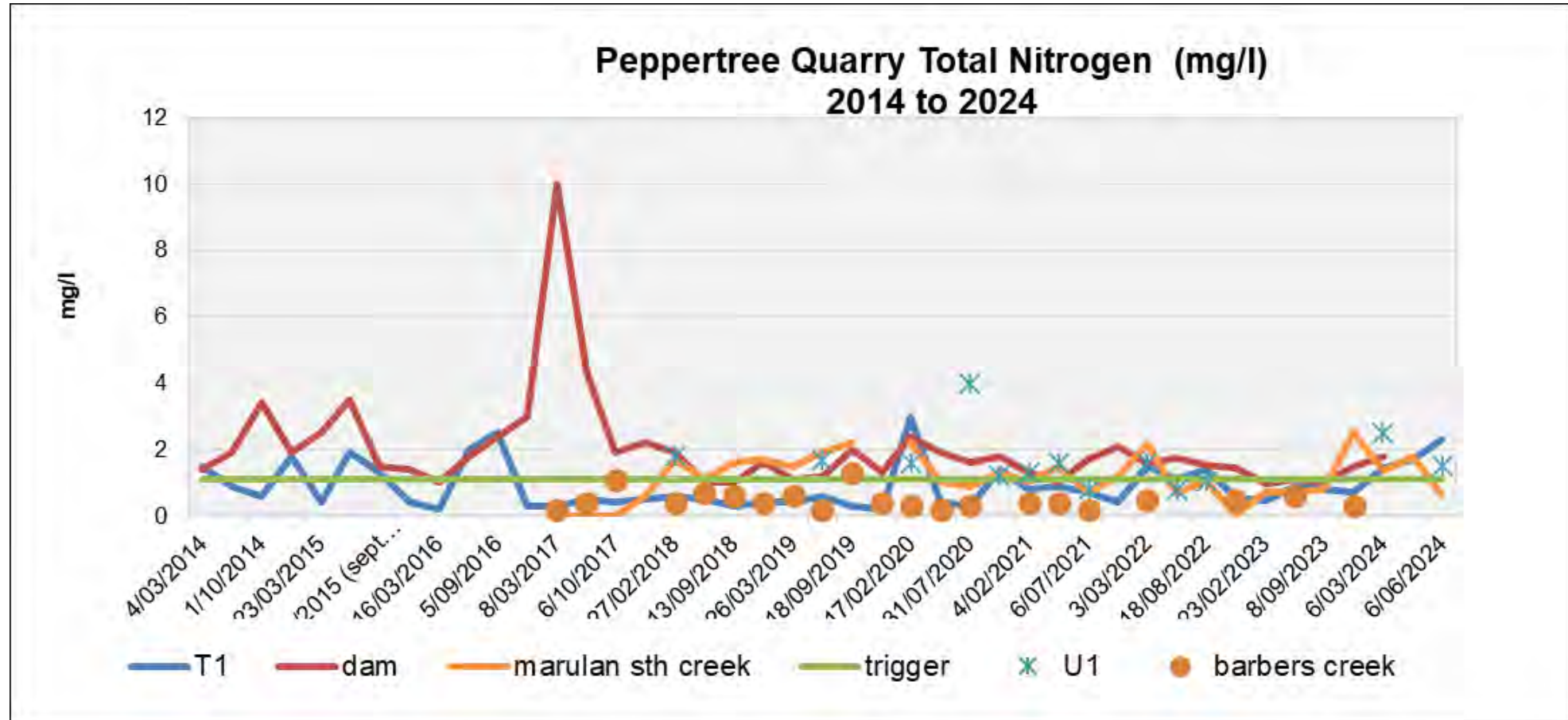
Below guideline for april and June samples with exception of Marulan South Creek and the main dam

Surface water – total Phosphorus



Below guideline for April and June samples except for the T1, Marulan south creek & U1 due to rain events

Surface water - Total Nitrogen



Above guideline for April and June samples associated with rain events

Environmental Flow



| year | total in flow | 10% | total out flow | in compliance |
|--------|---------------|------|----------------|---------------|
| Apr-22 | 30.3 | 3.03 | 656.16 | yes |
| May-22 | 22.6 | 2.26 | 316.52 | yes |
| Jun-22 | 3.1 | 0.31 | 6.6 | yes |
| Jul-22 | 60.6 | 6.06 | 820.91 | yes |
| Aug-22 | 34.2 | 3.42 | 341.8 | yes |
| Sep-22 | 18 | 1.8 | 22.88 | yes |
| Oct-22 | 62.5 | 6.25 | 999.7 | yes |
| Nov-22 | 42.2 | 4.22 | 411.49 | yes |
| Dec-22 | 0.9 | 0.09 | 1.34 | yes |
| Jan-23 | 15 | 1.5 | 15.48 | yes |
| Feb-23 | 1.1 | 0.11 | 7.02 | yes |
| Mar-23 | 2.5 | 0.25 | 3.67 | yes |
| Apr-23 | 16 | 1.6 | 3.76 | yes |
| May-23 | 15 | 1.5 | 15.74 | yes |
| Jun-23 | nil | nil | 3.46 | yes |
| Jul-23 | 1.8 | 0.18 | 3.79 | yes |
| Aug-23 | nil | nil | 3.69 | yes |
| Sep-23 | nil | nil | 3.4 | yes |
| Oct-23 | nil | nil | 3.44 | yes |
| Nov-23 | nil | nil | 3.35 | yes |
| Dec-23 | 3.3 | 0.33 | 3.51 | yes |
| Jan-24 | 46.6 | 4.66 | 288.73 | yes |
| Feb-24 | 58 | 5.8 | 840.61 | yes |
| Mar-24 | 5.4 | 0.54 | 21.28 | yes |
| Apr-24 | 50.2 | 5.02 | 685.2 | yes |

Shaded blue - rainfall events where overflow of the V notch weir is likely

Ground water



- > Monitoring conducted in March 2024 and June 2024.
- > Results all good for March and awaiting June results, next round in next quarter ending September
- > Results show no changes to the groundwater

Ground water – water levels



Heritage



Artefact analysis is continuing

Installation of termite baits around the scar trees has occurred

Temporary Scar tree relocation done in November and display still being planned, currently undercover near the P2 dam area.

Planning under way for a bush tucker garden at the office

Poster display being developed to tell the story of heritage works at Peppertree

Black Cockatoo habitat tree planting being planned

Ecology



Three-year plan developed for ongoing rehabilitation and maintenance

Western Overburden Emplacement (WOE) hydromulched in June.

Weed management programmed for this quarter to target serrated tussock and Patersons Curse

Planting for Black Cockatoos being planned.

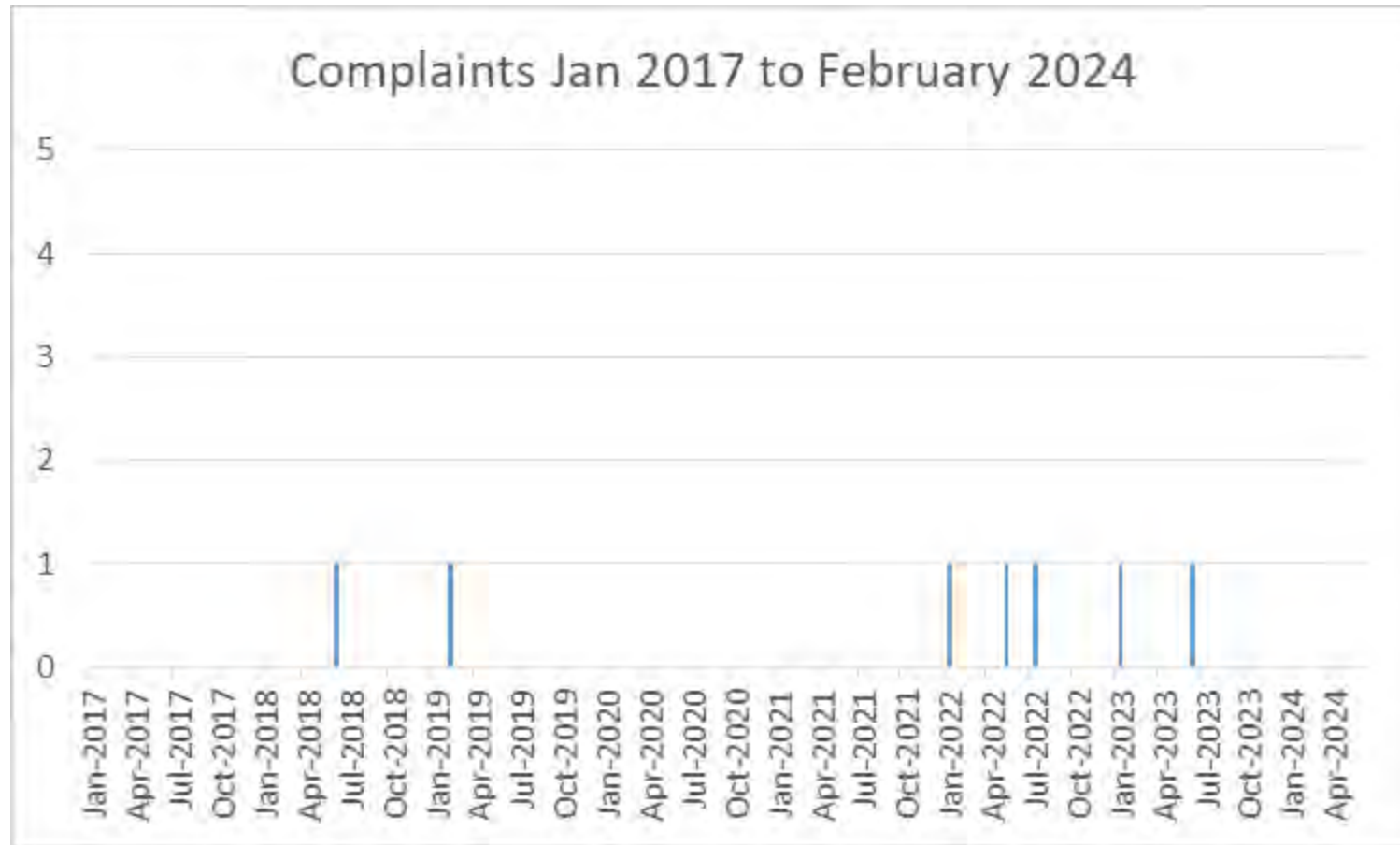
06.2

Environmental Performance **Marulan South Limestone**



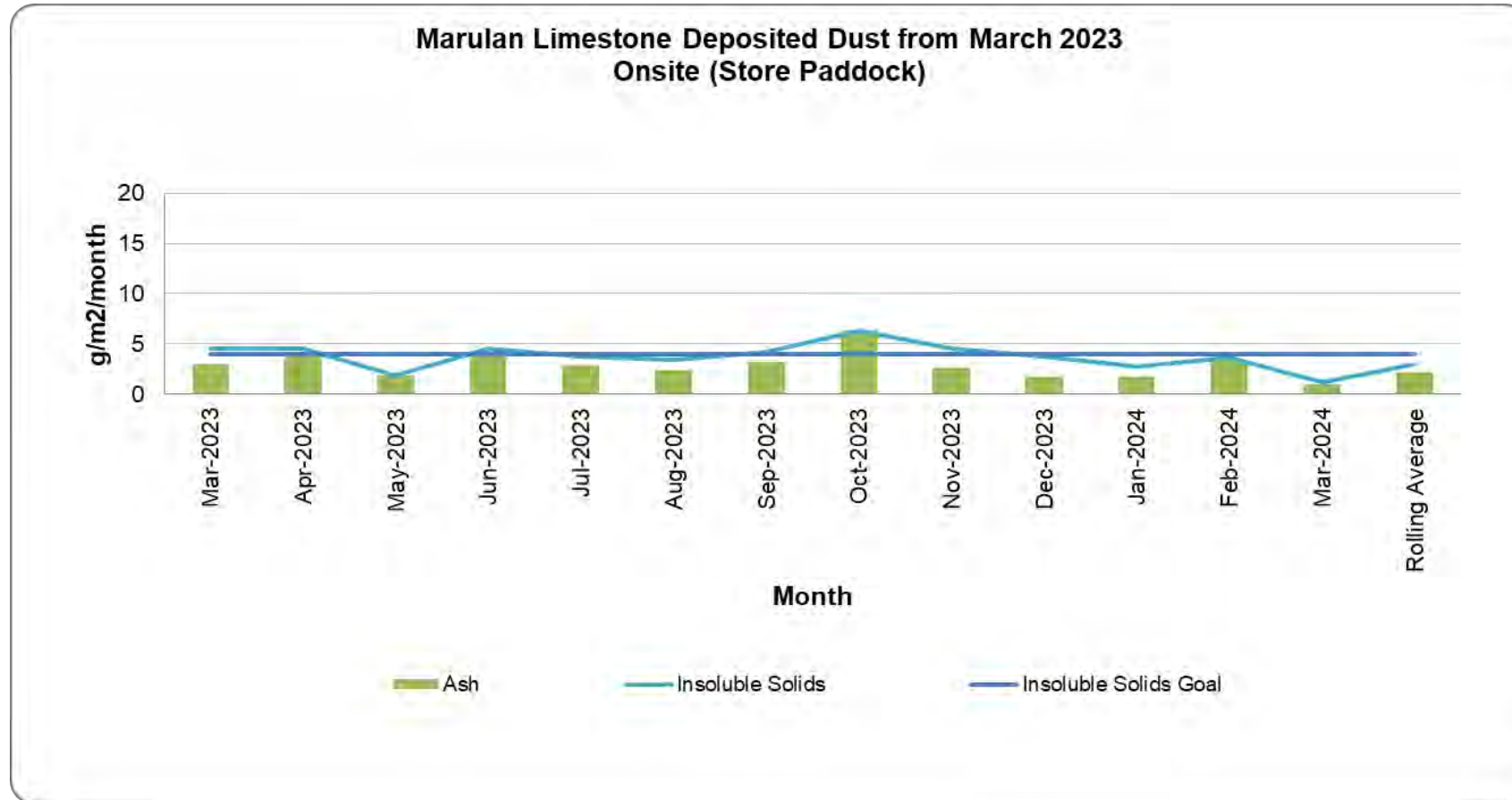
Building
something
great

Environmental Complaints Jan 2017 to Feb 2024



- > No Environmental Complaints last quarter

Air – Dust deposition Site 1

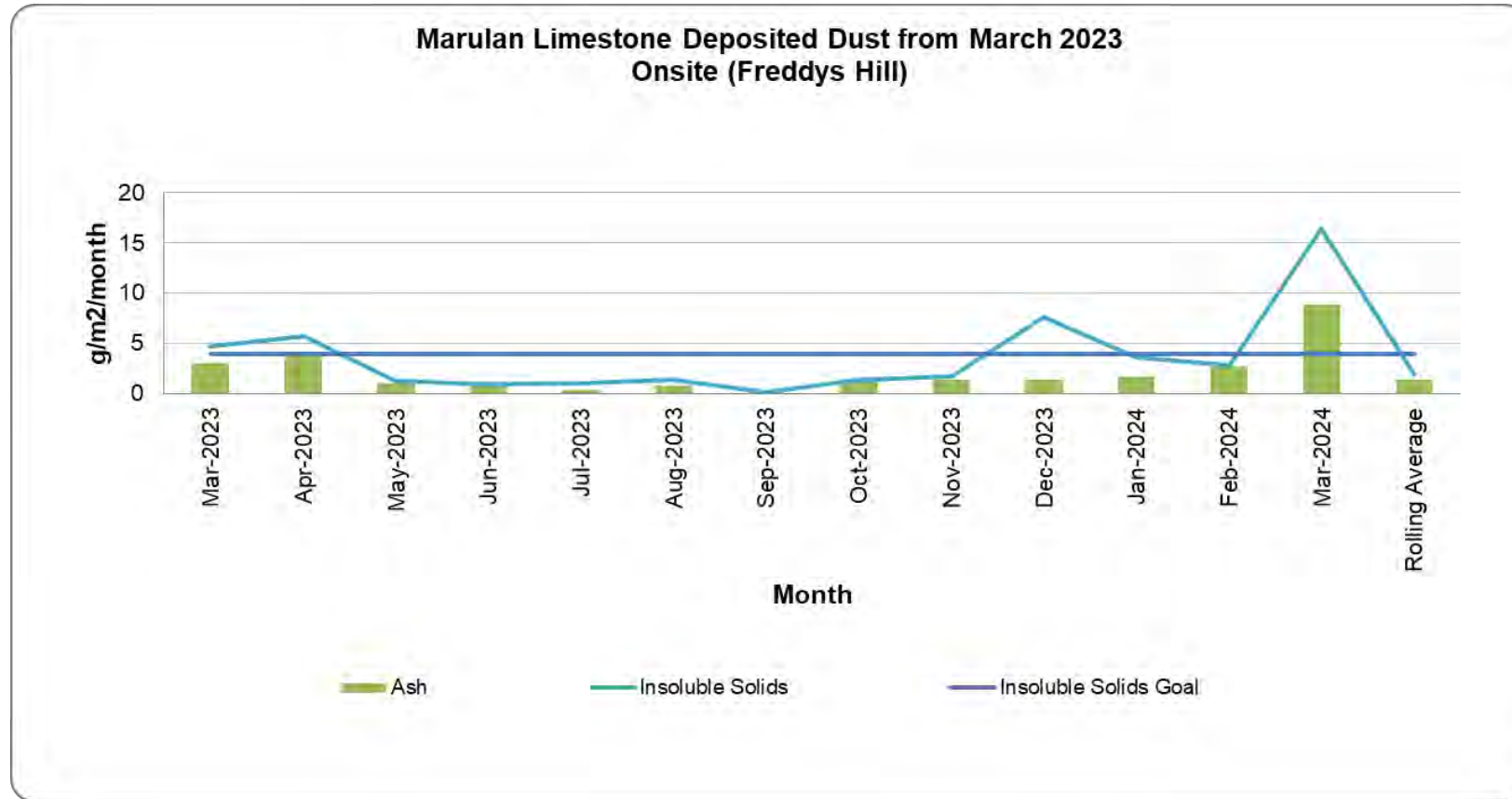


Annual Average goal of 4gm²/month

In compliance

Annual average below goal at the boundary

Air – Dust deposition Site 2

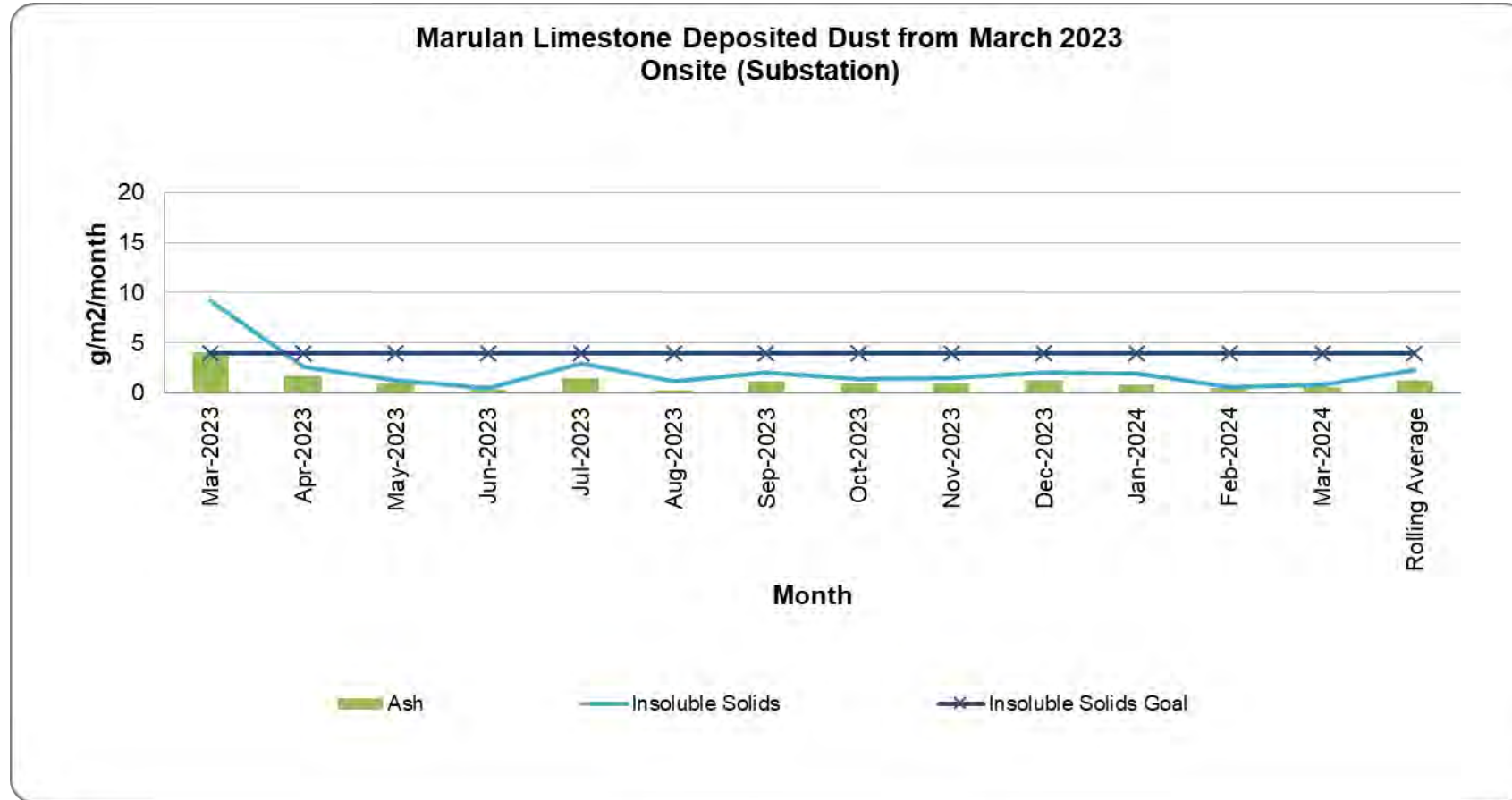


Annual Average goal of 4gm²/month

In compliance

Annual average below goal at the boundary

Air – Dust deposition Site 3

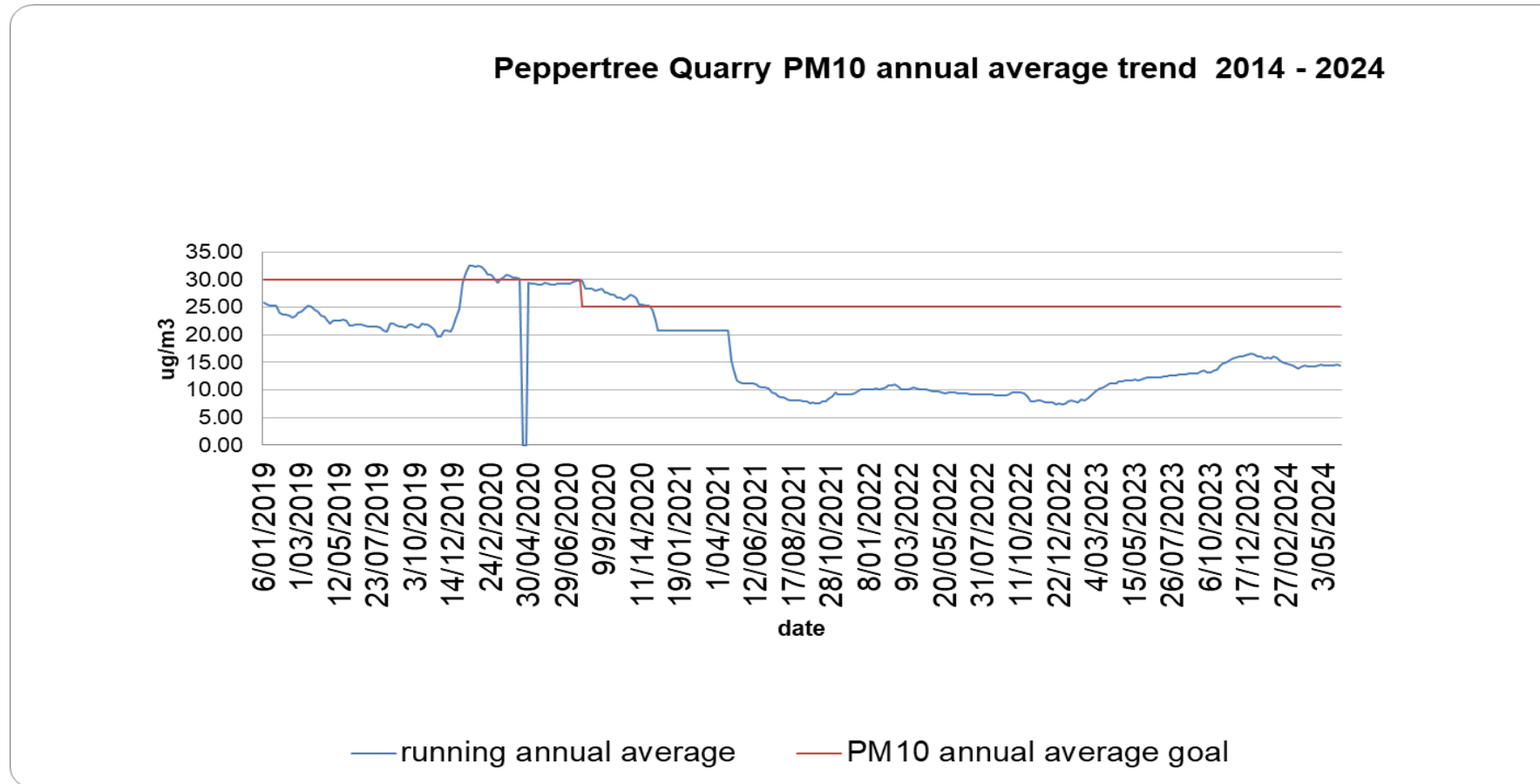


Annual Average goal of 4gm²/month

In compliance

Annual average below goal at the boundary

Air – PM10 annual average

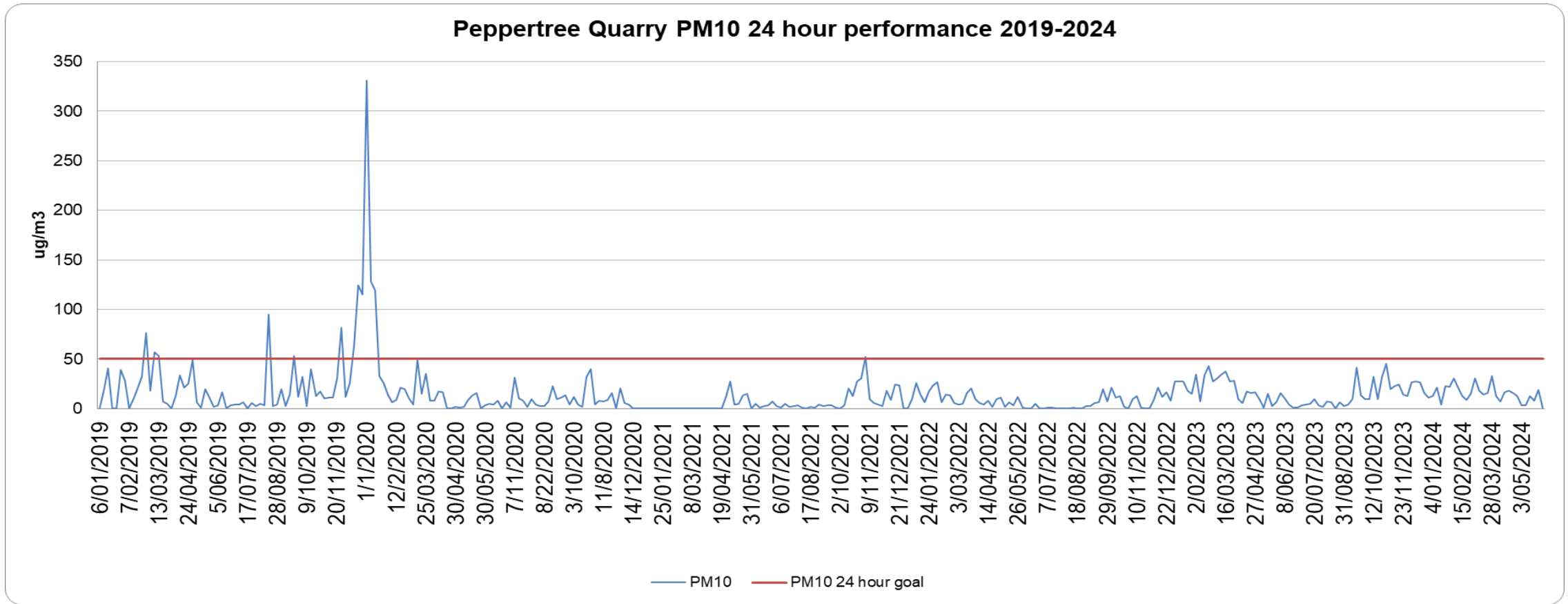


Annual Average goal of 25ug/m3

In compliance

Annual average below goal at the boundary

Air – PM10 24 Hour performance

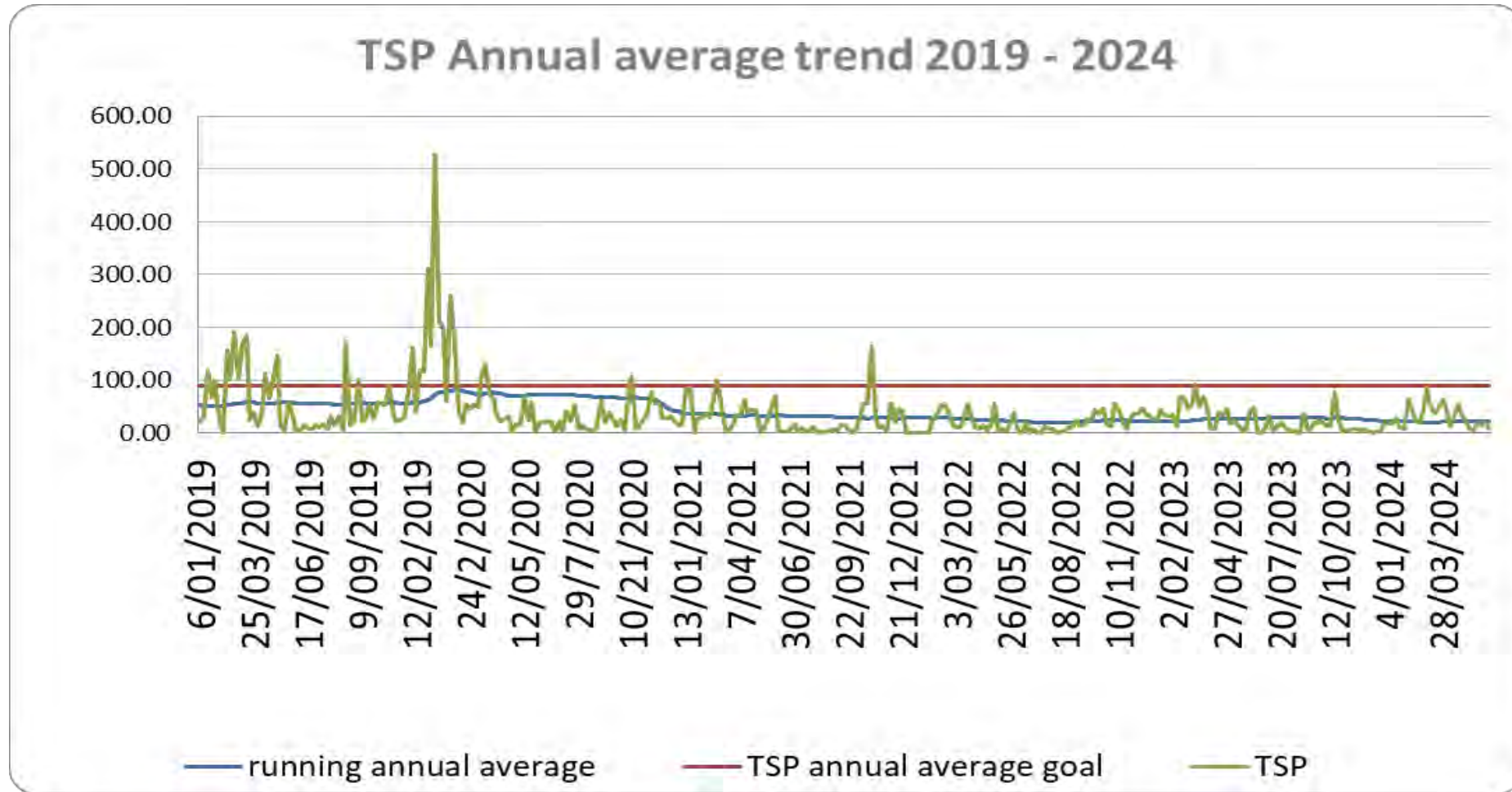


24 hour goal of 50ug/m3

In compliance

Annual average below goal at the boundary

Air – Total Suspended Particulates

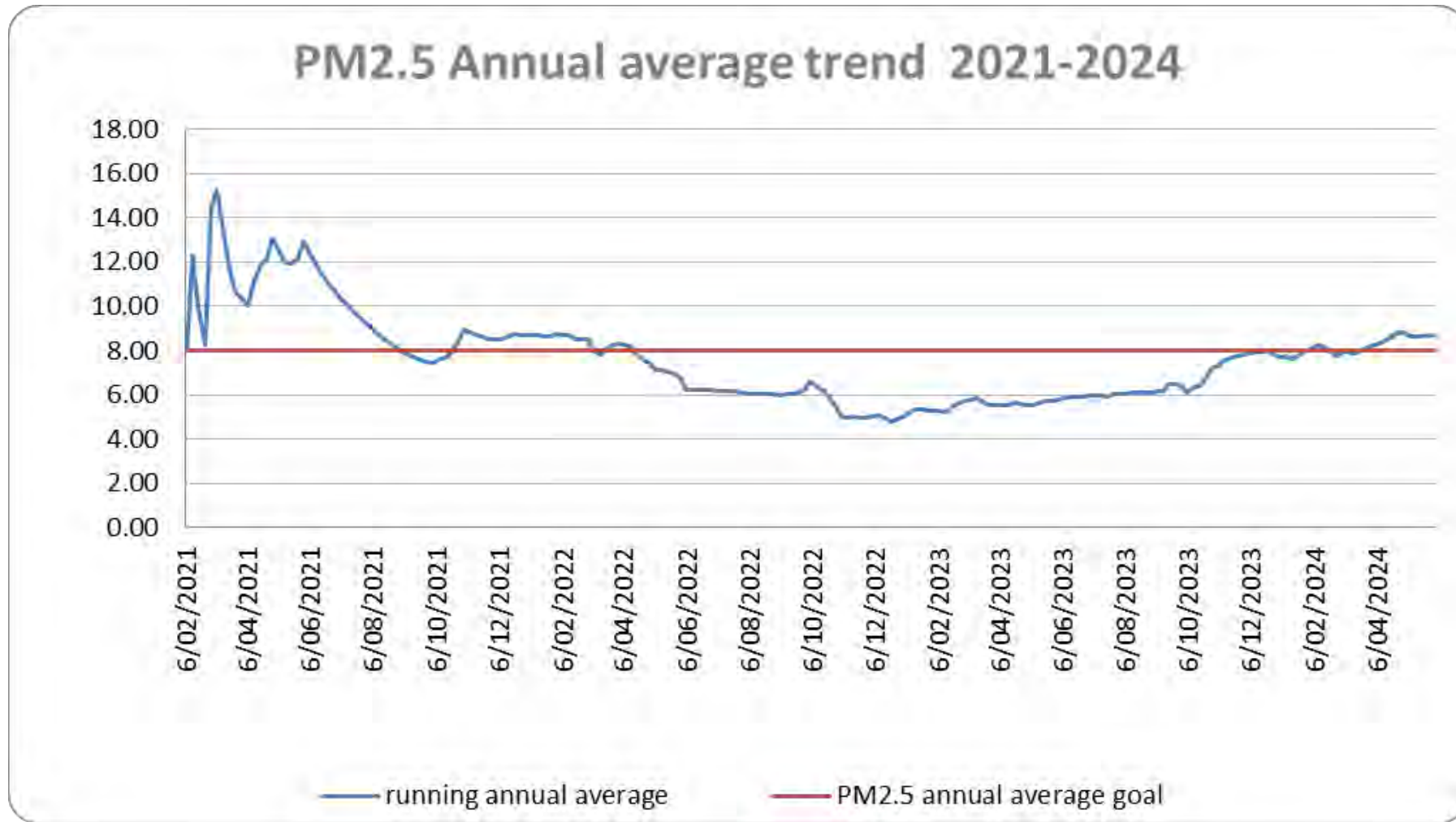


Annual Average goal of 90 $\mu\text{g}/\text{m}^3$

In compliance

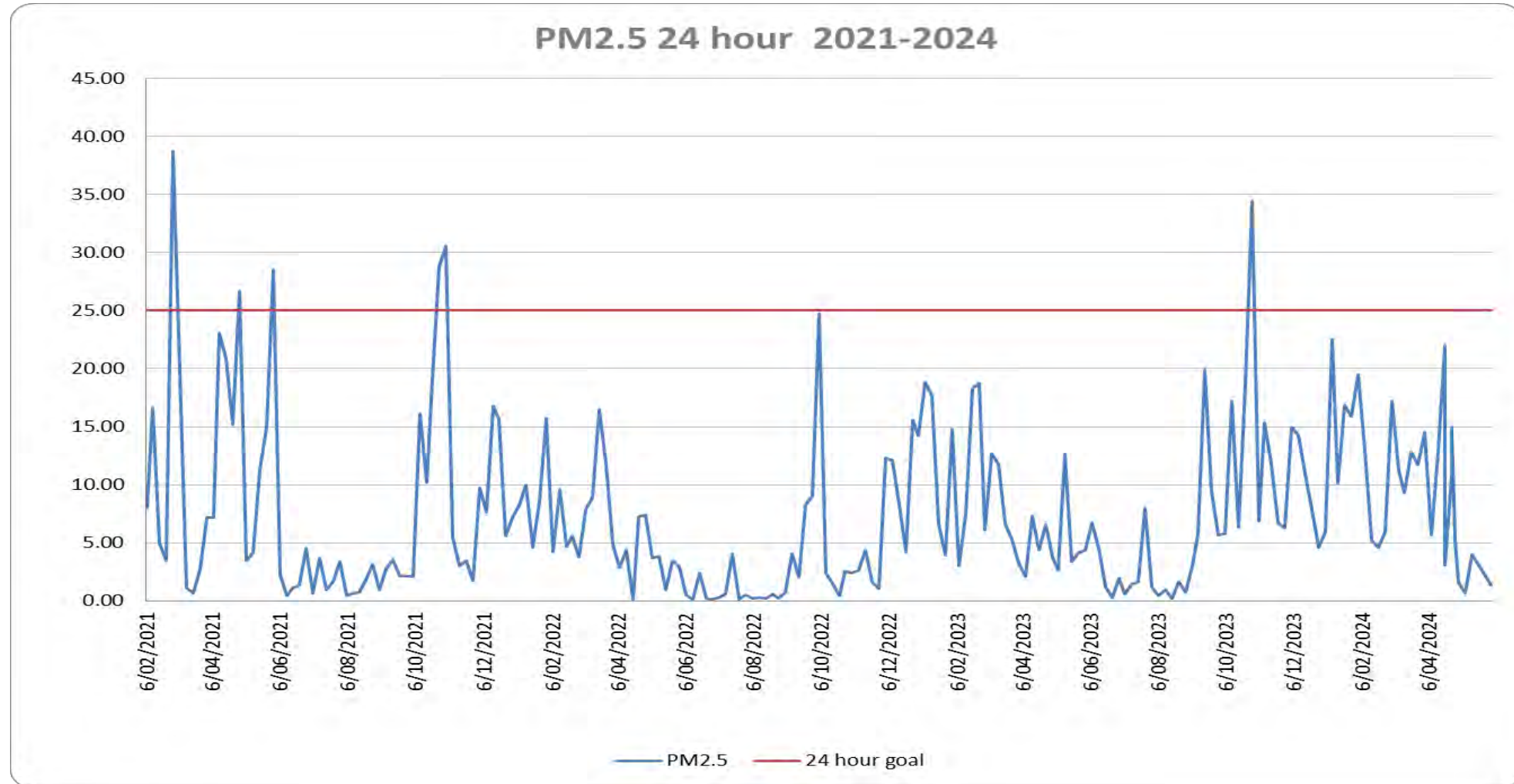
Annual average below goal at the boundary

Air – PM2.5 Annual Average



Annual average increasing over May

Air – PM2.5



In compliance for the past 3 months.

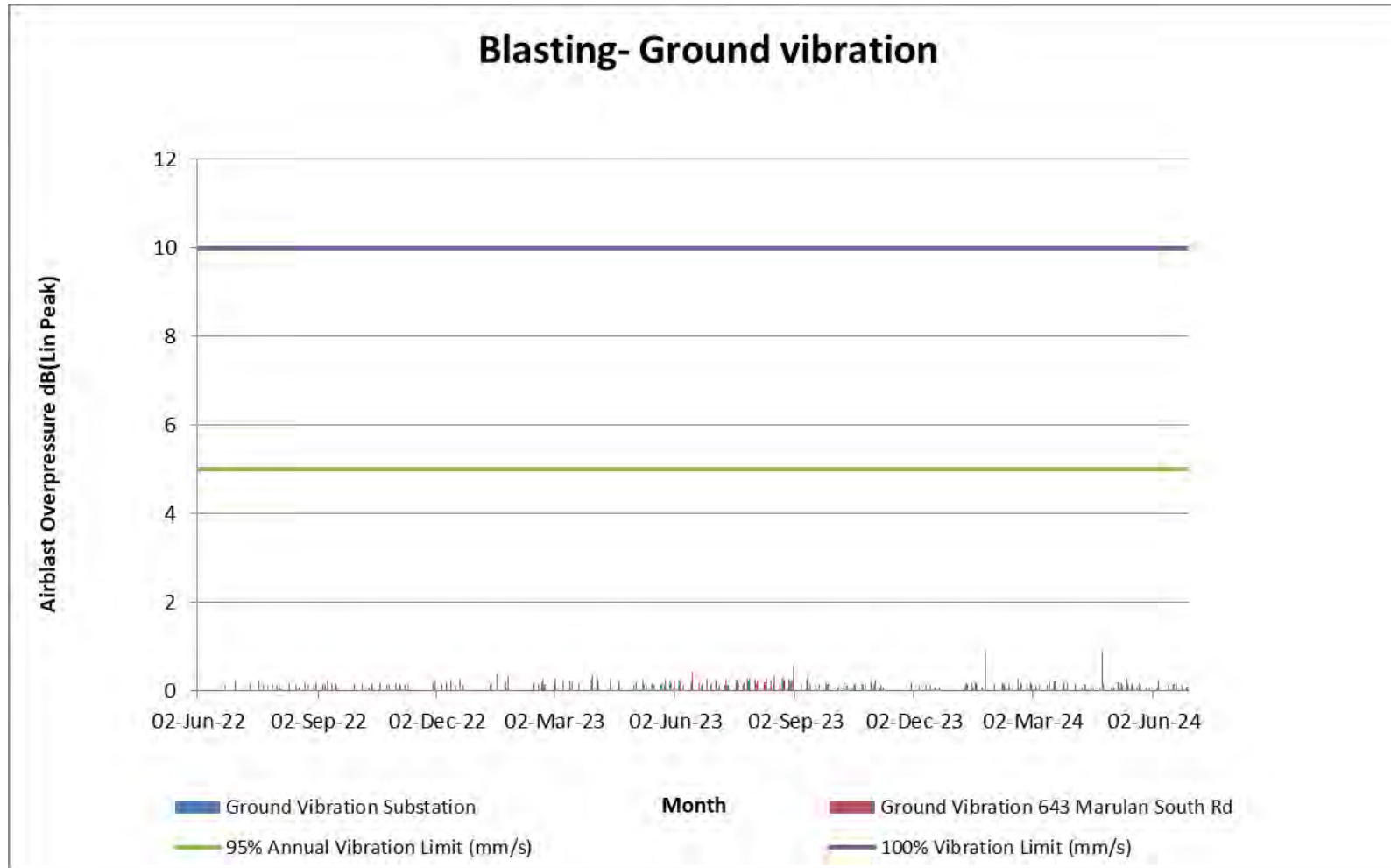
Noise – quarterly monitoring



Monitoring was undertaken on 6th and 7th March 2024 with results in compliance

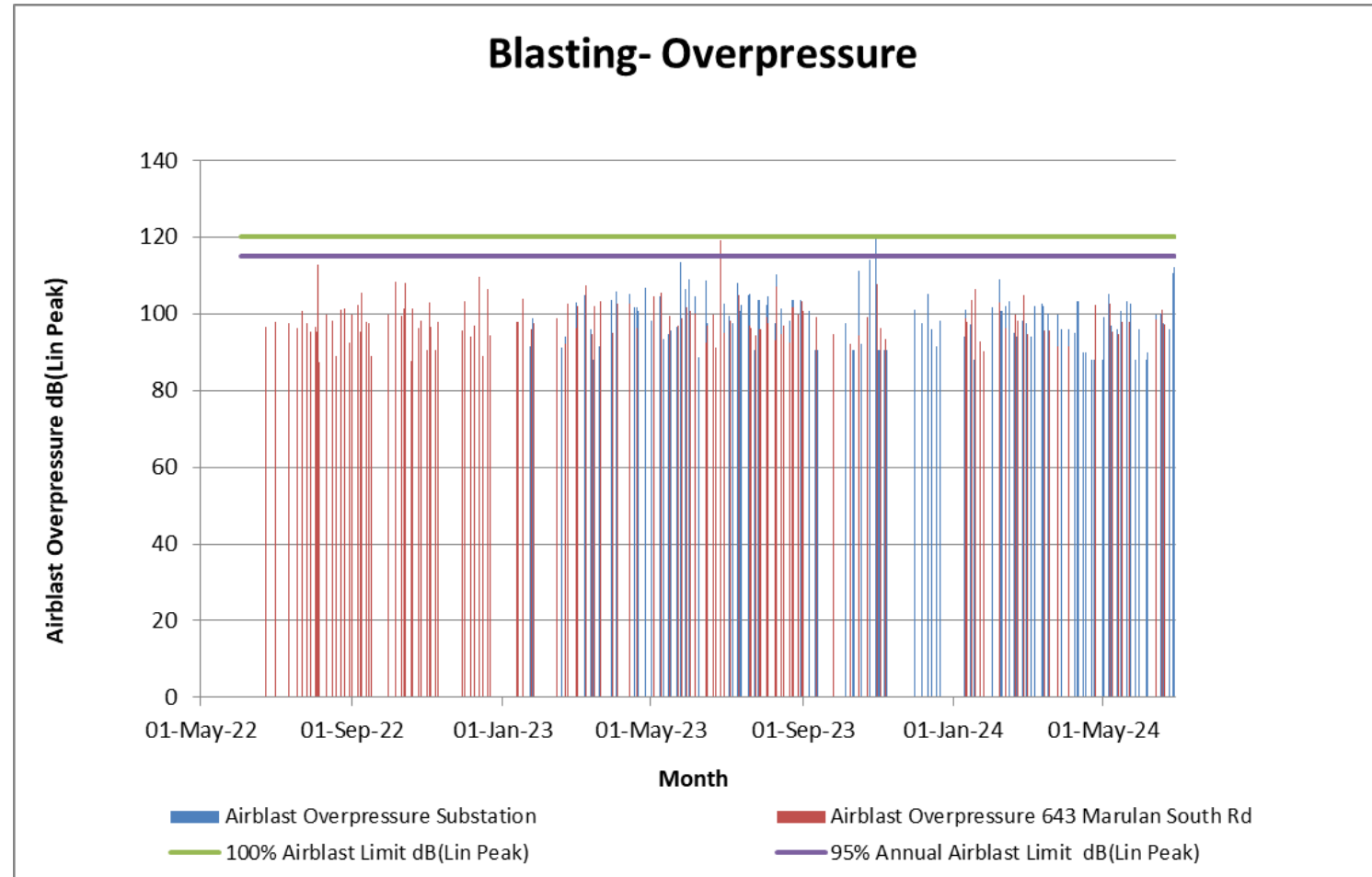
Next round due in Wednesday 3rd July 2024

Blasting - Ground Vibration



In Compliance

Blasting – Overpressure



In Compliance

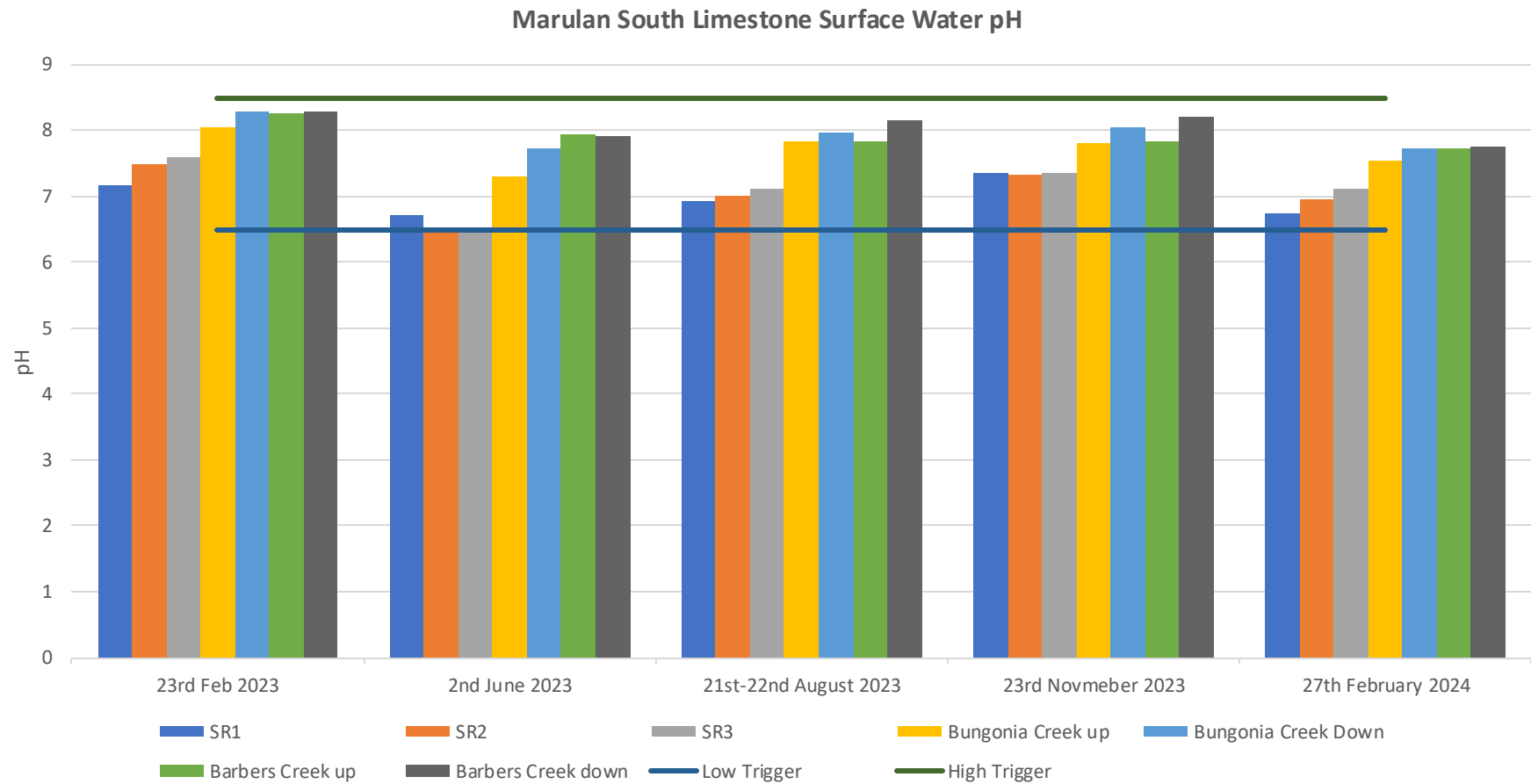
Surface Water



Quarterly monitoring round undertaken Feb 2024 and June 2024

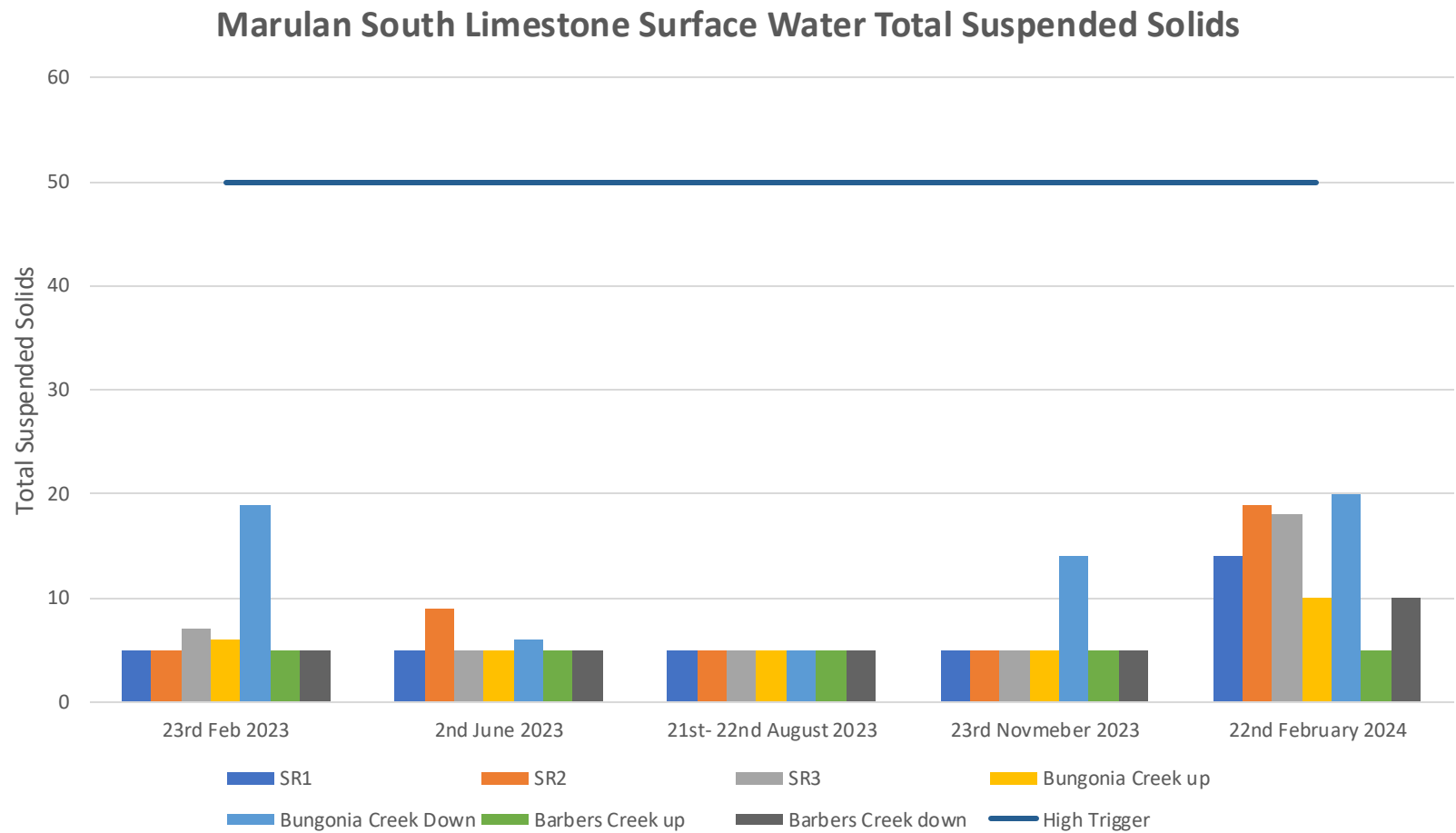
No issues with water supply or quality over the last 3 months

Surface water - pH



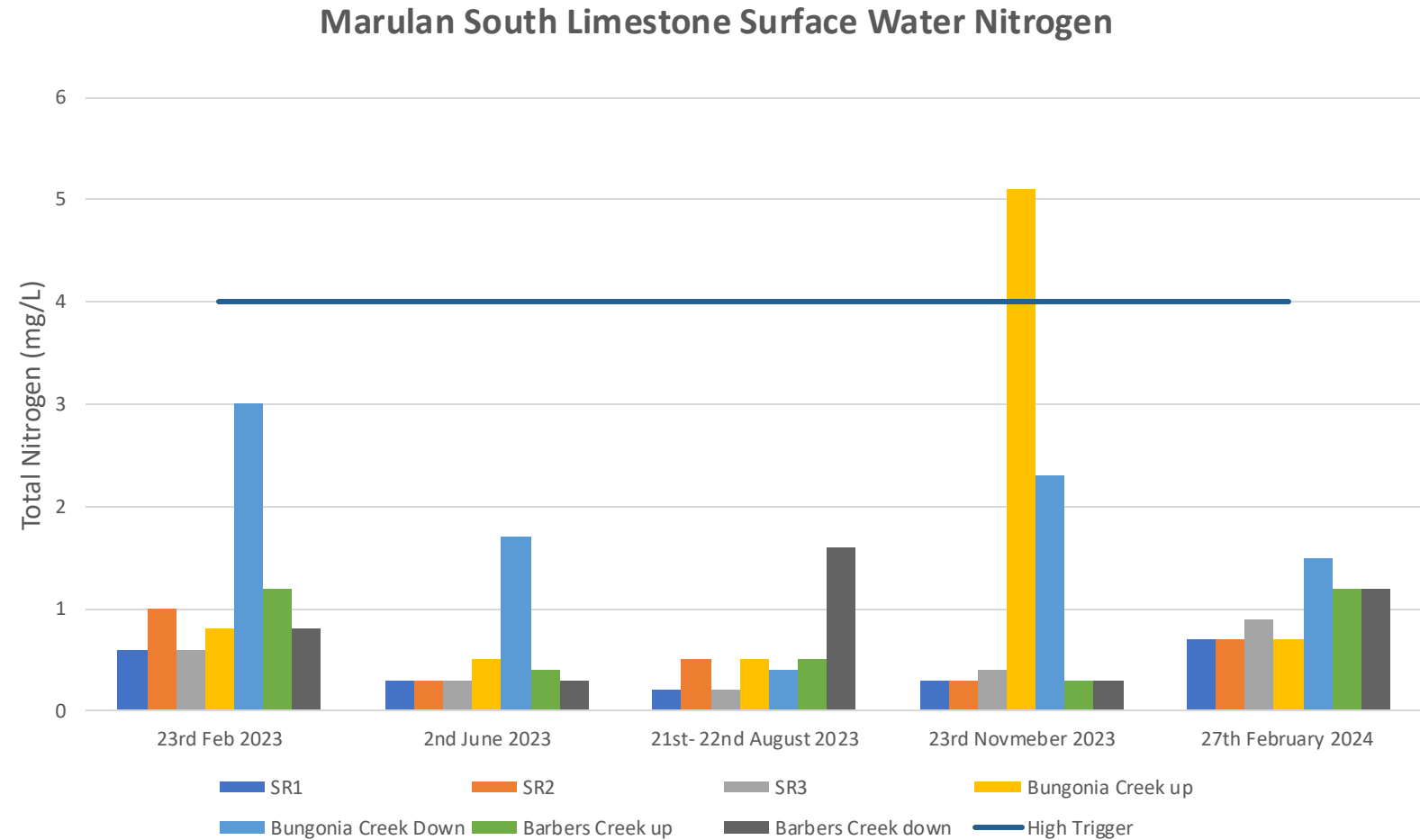
Within guideline limits

Surface water – Total Suspended Solids



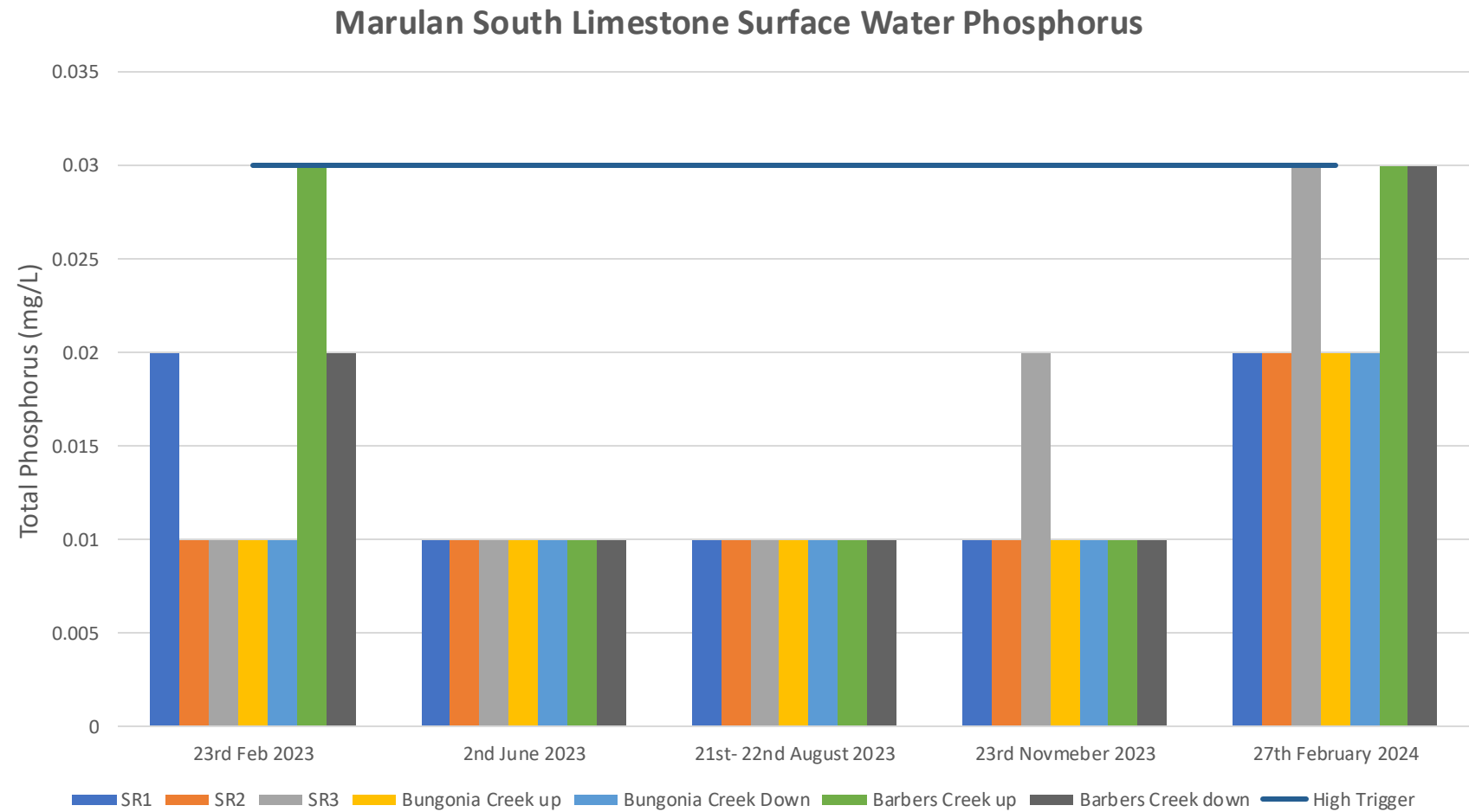
Within guideline limits

Surface water – Nitrogen



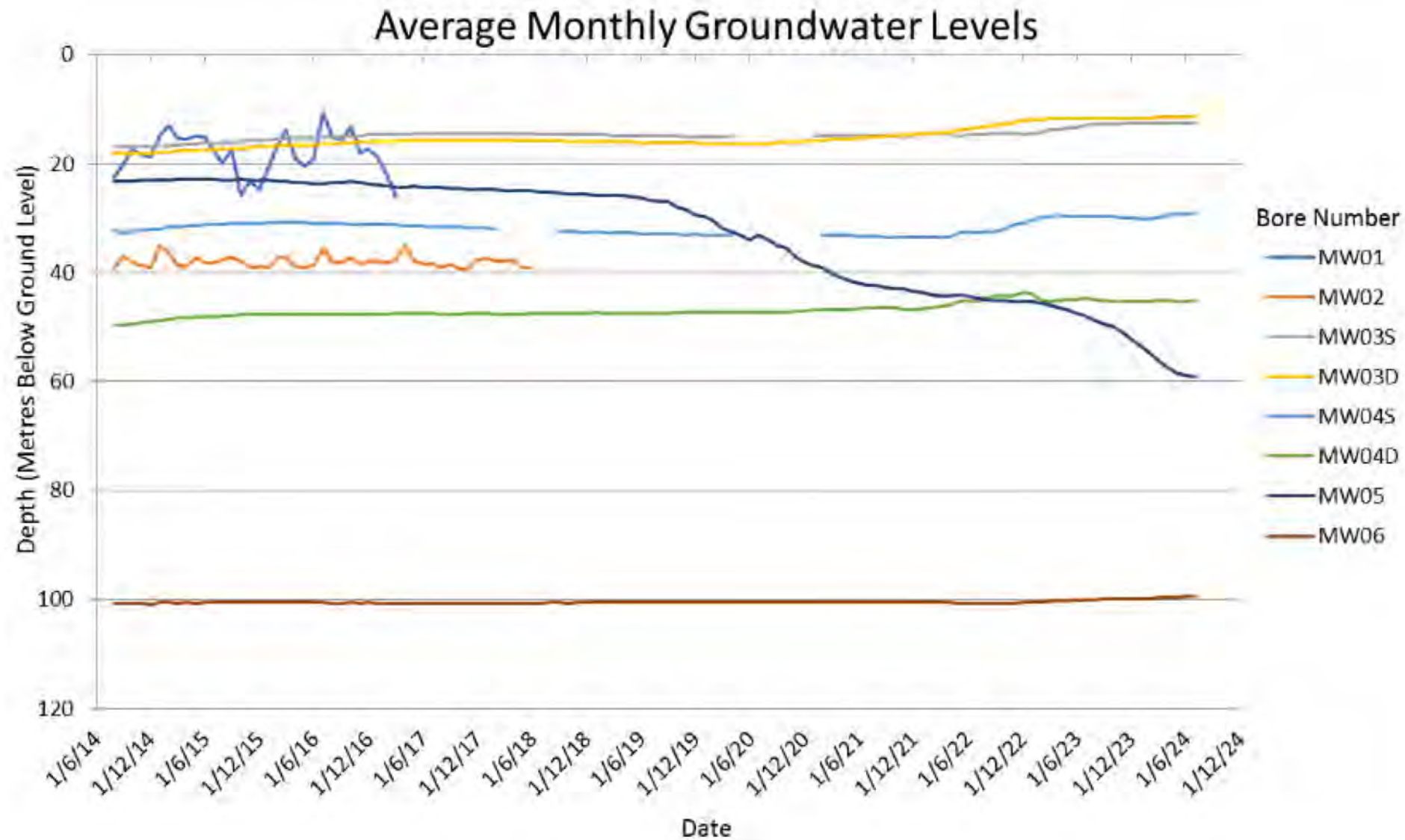
Within guideline limits

Surface water – Phosphorus

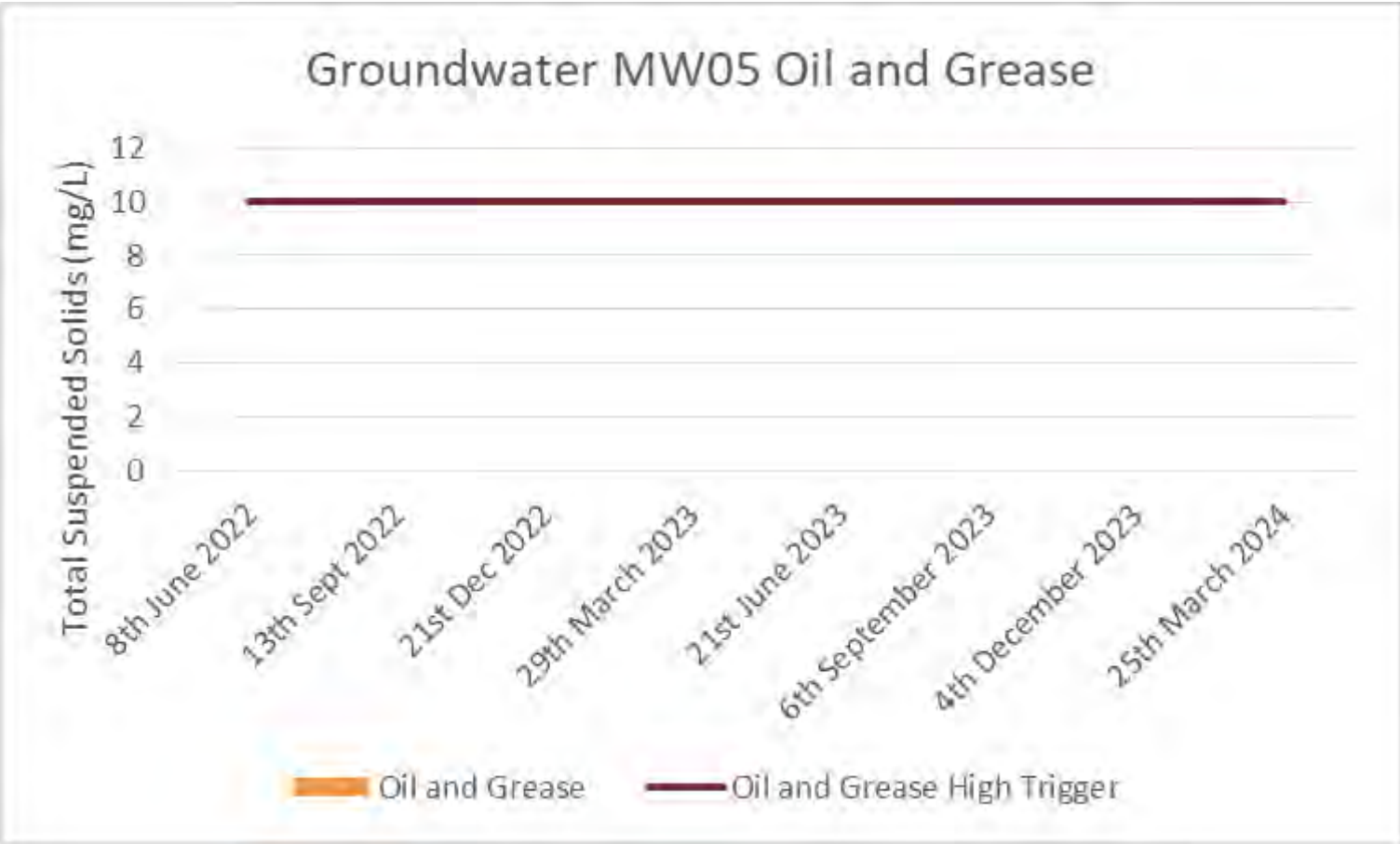


Within guideline limits

Ground water

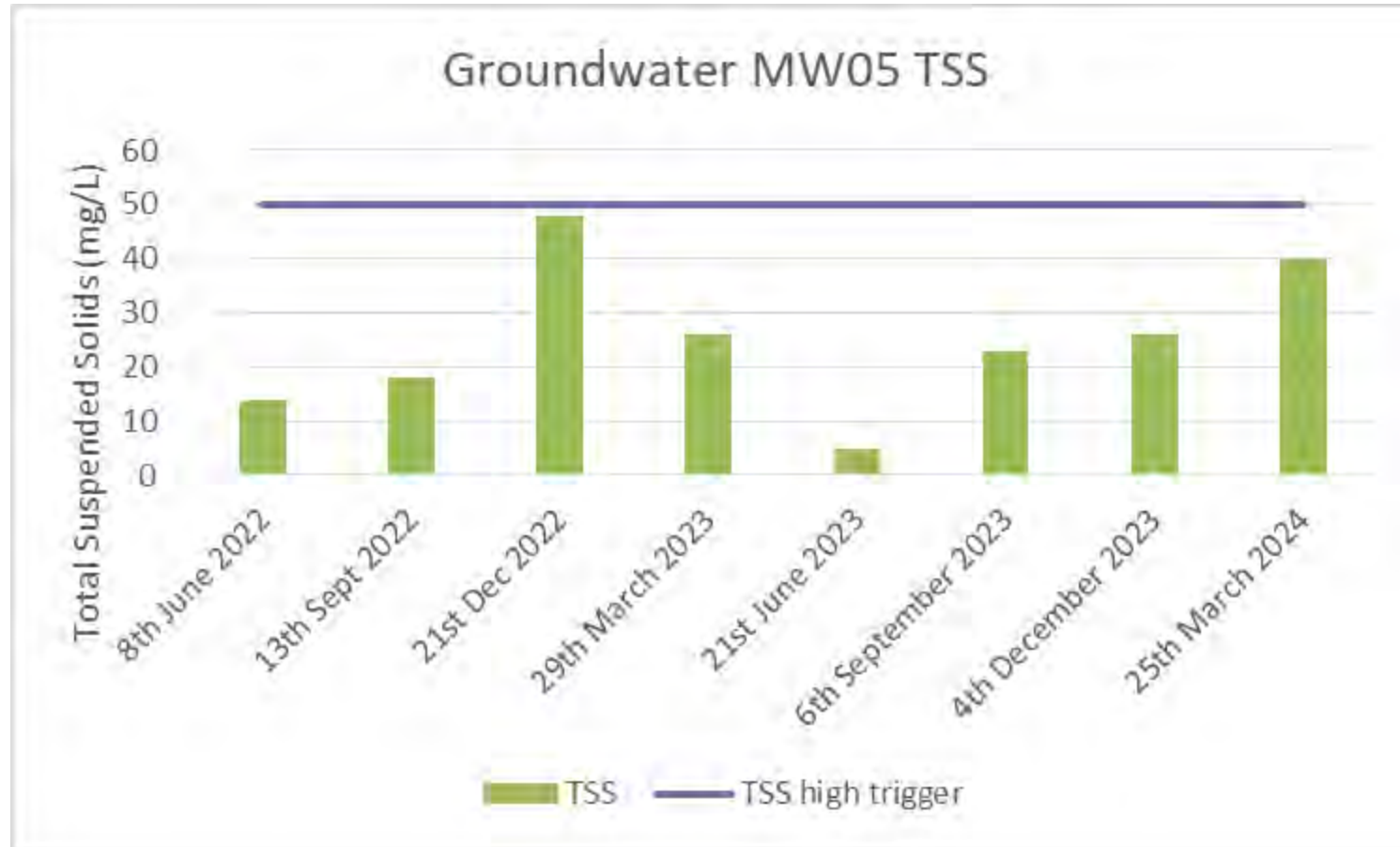


Ground water



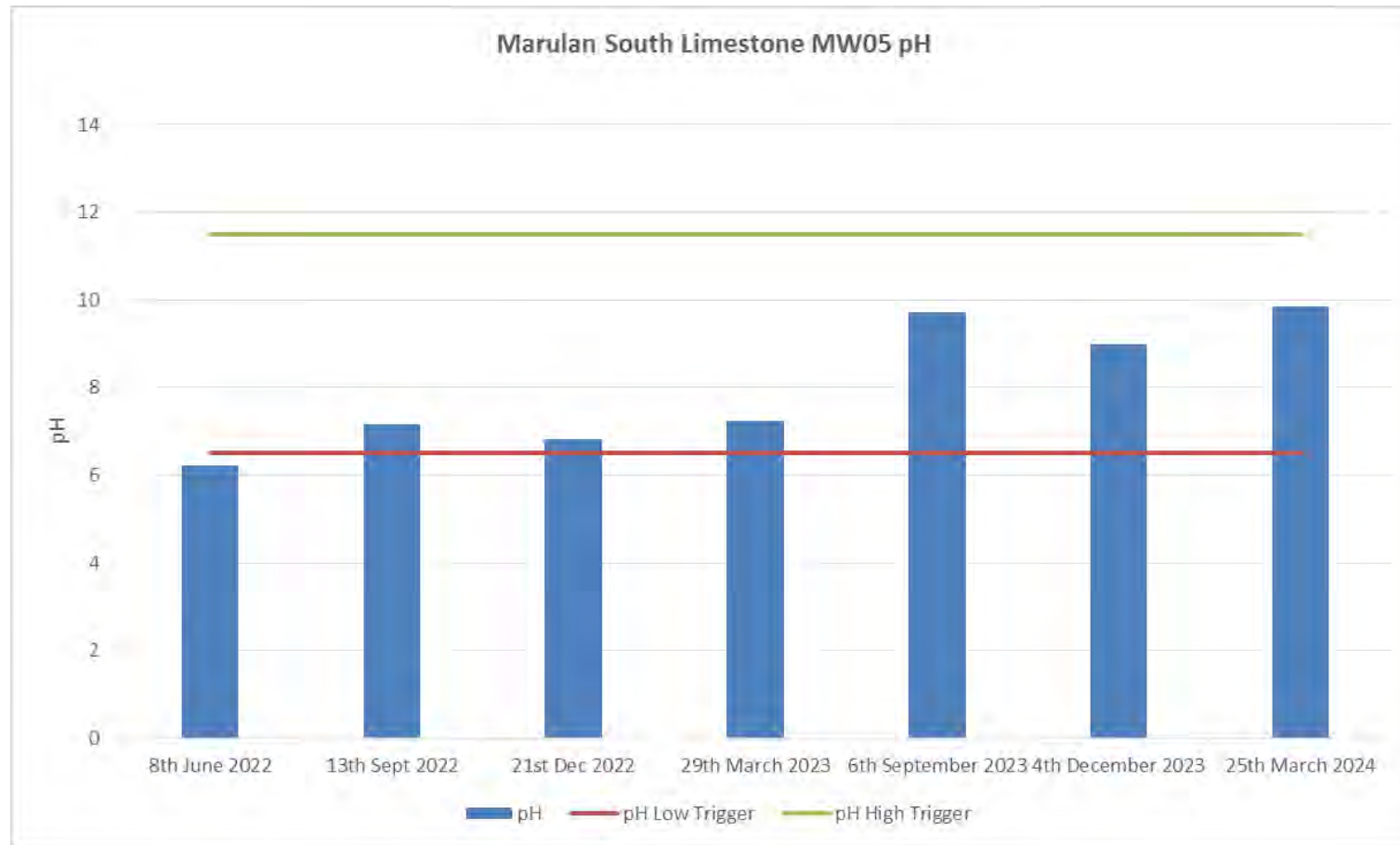
Within Guideline Limits: No oil and Grease detected

Ground water



Within guideline limits

Ground water



Within guideline limits

Ground water



Within guideline limits

Ecology

- Aquatic Baseline Monitoring
- Coolumburra Koala Monitoring
- Coolumburra BAM Monitoring



Ground Disturbance and Rehabilitation



07

Stakeholder Engagement



Building
something
great

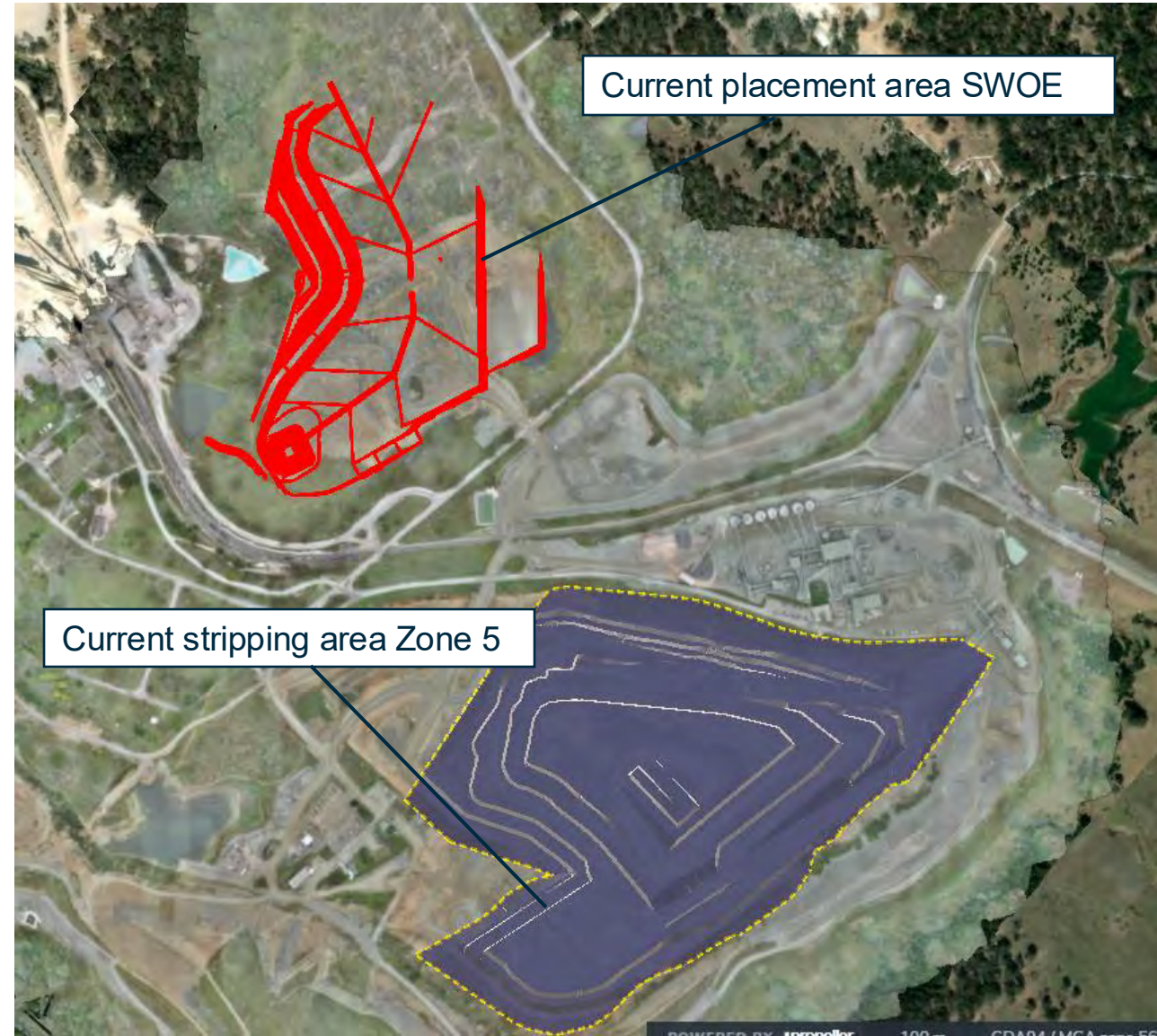
COMMUNITY

- 1200 copies of the Marulan Newsletter printed on a monthly basis for the Marulan Community
- Goulburn Careers Expo
- RFS Flood Light donation
- Planning was undertaken for participation in Apple Day. Now to be involved in September.



08

Operations
Next 3 months





Peppertree Quarry

Safety & Culture

Continue with monthly Boral safety campaigns

Bimonthly environment training to be commenced

NAIDOC week celebrations

Overburden

No further works for the current time

Pit Update

Tip bin installation will be complete. Production to continue

Processing (STQ)

Continue to supply aggregates and sand to Sydney metro.

People

All is stable.

IJ's possible return

Marulan South Limestone



Safety

Focus on Air Quality, high risk traffic interactions on site.

Overburden

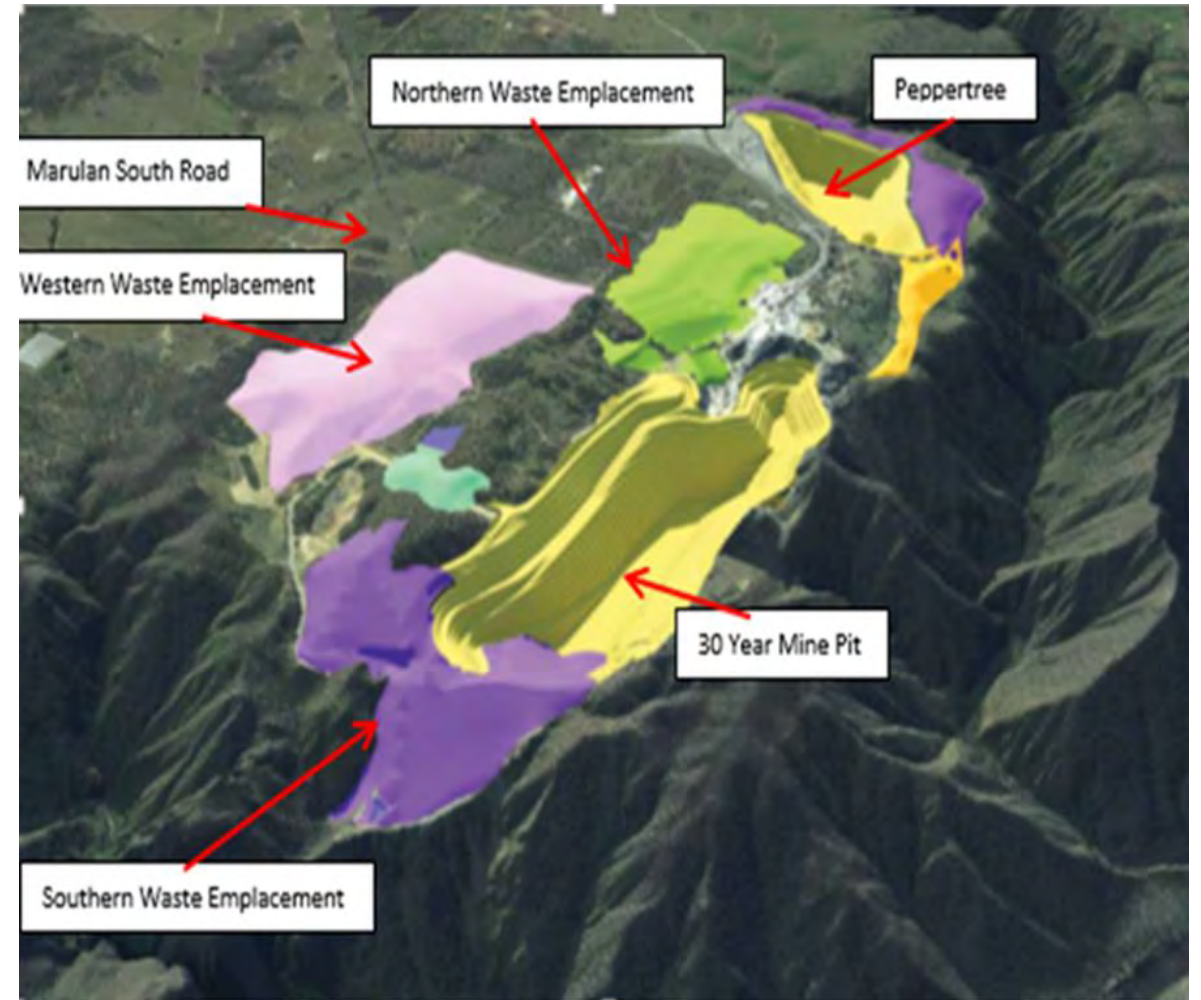
Overburden from the North-East and West of pit continues to be placed in the South and Western overburden emplacements. Overburden removal has commenced in the South Western region of the mine.

Pit Update

Work ongoing to replace some of the ageing process infrastructure. Limestone extraction will continue in the North and Central areas of the pit.

People

Recruiting for an electrician, fitter and site manager and starting recruitment process for 2025 apprentices.





09

General Business



Other :

Next meeting

June 2024



Building
something
great

Thanks for your participation

BORAL PEPPERTREE & MARULAN SOUTH LIMESTONE COMMUNITY CONSULTATIVE COMMITTEE

Minutes

Meeting Date: 3 July 2024

Location: Peppertree Office

CCC Members

Attendees: Gordon Kirkby (JBA Urban Planning – Independent Chairperson); Geoff Clark (representing Tallong Community Focus Group); Russell Montgomery (community representative)

Boral attendees: Sharon Makin, Therese Thomas (MSL), Les Longhurst (MSL) Crystal Perry (MSL) Andy Coe (PTQ)

Apologies: Charles Mendel (community representative) Peter Walker (Mayor – representing Goulburn Mulwaree Council)

Distribution: As above; Department of Planning (Georgia.Dragicevic@planning.nsw.gov.au);
Goulburn Mulwaree Council Administration (amy.croker@goulburn.nsw.gov.au)

Subject: 3 July 2024 Meeting of Boral Peppertree Quarry & Marulan South Limestone Mine CCC

| Item | Description |
|--|--|
| Welcome and Introduction | Gordon opened the meeting at 3:05 pm. |
| Apologies | as above |
| Site Inspection | A site inspection was not held. |
| Confirmation of minutes from previous meeting | The Committee accept that the minutes from last meeting were an accurate record of the meeting. |
| Business arising | <ul style="list-style-type: none">Meeting with Minister for TAFE re local skills requirements has yet to be organisedBoral sent representative to the South East Australian Transport Strategy (SEATS) meeting |
| CORRESPONDENCE IN AND OUT | <p>PEPPERTREE Quarry:</p> <p>Department of Planning and Environment</p> <ul style="list-style-type: none">Update of Environmental Management PlansAnnual review submitted and endorsed by DPHI <p>DCCEEW</p> <ul style="list-style-type: none">EPBC Annual Report submittedDesktop audit of EPBC conditions of approval <p>EPA</p> <ul style="list-style-type: none">Submitted EPL VariationSite inspection and EPL audit undertaken as part of 3 yearly review and risk assessmentStrom event overflows reported to EPA <p>Resource Regulator</p> <ul style="list-style-type: none">Health Control Plan review |

| | |
|---------------------------------------|--|
| | <p>Goulburn Mulwaree Council</p> <ul style="list-style-type: none"> • Nil <p>Geoff Clark</p> <ul style="list-style-type: none"> • Weather data reviews – weather station monthly reviews. |
| | <p>MARULAN SOUTH LIMESTONE:</p> <p>Department of Planning and Environment</p> <ul style="list-style-type: none"> • Independent Audit completed <p>EPA</p> <ul style="list-style-type: none"> • EPA CEO and Boral CEO site visit <p>Resource Regulator</p> <ul style="list-style-type: none"> • FLRP and ROBJ submitted • Planned Inspections: Fires on mobile plant • Minor derailment reported to Rail Regulator • Potential Blasting misfire reported <p>Biodiversity Conservation Trust</p> <ul style="list-style-type: none"> • Stewardship Site inspection <p>Goulburn Mulwaree Council</p> <ul style="list-style-type: none"> • Work ongoing on designs of upgrade for Marulan South Road. Road upgrade scheduled for Mid-2025 • 7.11 Contributions finalised <p>Geoff Clark</p> <ul style="list-style-type: none"> • Weather data reviews – weather station |
| PROGRESS OF OPERATIONS TO DATE | <p>PEPPERTREE QUARRY</p> <p>Safety</p> <ul style="list-style-type: none"> • No LTI/MTI over the last three months. Hazard reporting has improved. • Safety training on Mental health, Emergency Response for Bush fire Preparedness training, Oil spillage, and Fire extinguisher training. • Peppertree celebrated one year of zero MTI and three years LTI. <p>Overburden</p> <ul style="list-style-type: none"> • Construction of the South western overburden (Mod 5) continued with 2.3 million tonnes of overburden emplaced in a year (Jan- Dec 2023) <p>Pit Update</p> <ul style="list-style-type: none"> • The mobile primary crusher continues on RL555 level via the new conveyor system that grants the in-pit crusher access to rock materials to the north-east and allows it to head in a south-easterly direction. <p>Processing (STQ)</p> <ul style="list-style-type: none"> • Production on target <p>People</p> <ul style="list-style-type: none"> • New Lab Technician. <p>MARULAN SOUTH LIMESTONE</p> <p>Safety</p> <ul style="list-style-type: none"> • Focus on high risk VOCs renewal and apprentice training. • April Flu shots • Mobile Cell AEDs installed in a number of utes. • Working at heights and confined space training. • Structural and guarding audits. |

| | | |
|----------------------------------|--|--|
| | | <p>Overburden</p> <ul style="list-style-type: none"> Overburden stripping has been progressing at a steady 375,000t/month <p>Limestone Extraction</p> <ul style="list-style-type: none"> Extracting at a rate of 250,000t/month. <p>People</p> <ul style="list-style-type: none"> Total of 98 employees on site. Engaged a new HME Maintenance Superintendent and Environmental Advisor. Engaged a qualified boiler maker and two lime plant production operators. Two 10-year service awards have been presented. |
| ENVIRONMENTAL PERFORMANCE | | PEPPERTREE QUARRY |
| Environmental Incidents | | <p>Environmental Incidents (March – June 2024)</p> <ul style="list-style-type: none"> Two incidents: <ul style="list-style-type: none"> Oil spill at crusher Stormwater discharges |
| Complaints | | <p>Complaints (March – June 2024)</p> <ul style="list-style-type: none"> one |
| Air Quality | | <p>Air Quality</p> <ul style="list-style-type: none"> Dust Deposition Gauges - All results are below the criteria as per the approval except May PM10, Annual average in compliance at the boundary. All samples in compliance over 24-hour criteria at boundary. TSP in compliance. PM2.5 Annual average increasing over May. 24 hours in compliance |
| Blasting | | <ul style="list-style-type: none"> All blasts complied with overpressure and vibration measurement requirements. |
| Noise | | <ul style="list-style-type: none"> Monitoring was undertaken over the 5th to the 8th March 2024. Results for the March round are in compliance. Next round due June but waiting on suitable weather. One sensitive receiver has advised they no longer want monitoring at their home – new location has been identified and modelling undertaken |
| Surface water | | <ul style="list-style-type: none"> Quarterly Water sampling was undertaken in April and June. Additional samples were taken in response to the greater than 50mls storm event. This included sampling of creeks and sediment ponds. No issues with water supply or quality from the quarterly water sampling rounds. Next round of sampling to be conducted September 2024. Total pH was within guideline for samples Total dissolved solids below guideline for samples with exception of Marulan South Creek and main dam. Turbidity- all samples above the guidelines due to rain events Total phosphorus - Below guideline for samples except the T1, Marulan South Creek and U1 due to rain events. Total Nitrogen – above guidelines for samples associated with rain events Environmental Flow - 10% environmental flow required – in compliance. |
| | | |

| | |
|---------------------------------|---|
| Ground water | <ul style="list-style-type: none"> Monitoring conducted in March 2024 and June 2024. Results show no changes to groundwater for March. Awaiting June results. |
| Heritage | <ul style="list-style-type: none"> Artefact analysis continuing. Installation of Termite baits on scar trees. Temporary Scar tree relocation done in November and display still being planned, currently undercover near P2 dam area. Planning under way for a bush tucker garden at the office Poster display being developed to tell the story of heritage works at Peppertree Black Cockatoo habitat tree planting being planned |
| Ecology | <ul style="list-style-type: none"> Three-year plan developed for ongoing rehabilitation and maintenance Western Overburden Emplacement (WOE) hydro mulched in June. Weed management programmed for this quarter to target serrated tussock and Paterson's Curse Planting for Black Cockatoos being planned. |
| Environmental Complaints | <p>MARULAN SOUTH LIMESTONE</p> <ul style="list-style-type: none"> Nil for quarter |
| Air Quality | <ul style="list-style-type: none"> Dust Deposition Gauges - All results are below the goal as per the approval PM10, Annual average & 24 hr in compliance at the boundary. TSP in compliance. PM2.5 - in compliance for past 3 months. Annual average increasing. |
| Noise | <ul style="list-style-type: none"> Monitoring was undertaken on 6th and 7th March 2024 with results in compliance. Next round due 3rd July 2024. |
| Blasting | <ul style="list-style-type: none"> All blasts complied with overpressure and vibration measurements requirements. |
| Surface water | <ul style="list-style-type: none"> Quarterly monitoring round undertaken February 2024 and June 2024 No issues with water supply or quality over the last 3 months pH with guidelines limits TSP within guideline limits Nitrogen within guideline limits Phosphorus within guideline limits |
| Ground water | <p>Within guideline limits.</p> |
| Ecology | <ul style="list-style-type: none"> Aquatic Baseline Monitoring Coolumburra Koala Monitoring Coolumburra BAM Monitoring |

| | |
|------------------------------------|--|
| Community engagement | <ul style="list-style-type: none"> 1200 copies of the Marulan Newsletter printed on a monthly basis for the Marulan Community Goulburn Careers Expo Rural Fire Service Flood Light Donation Preparation for Tallong Apple Day in September |
| Plans for next three months | <p><u>PEPPERTREE QUARRY</u></p> <p>Safety and Culture</p> <ul style="list-style-type: none"> Continue with monthly Boral safety campaigns Bi monthly environment training to be commenced NAIDOC week celebrations <p>Overburden</p> <p>No further works for the current time.</p> <p>Pit Update</p> <p>Tip bin installation will be complete. Production to continue</p> <p>Processing(STQ)</p> <p>Continue to supply aggregates and sand to Sydney metro.</p> <p>People</p> <p>IJ to return from leave</p> |
| | <p><u>MARULAN SOUTH LIMESTONE</u></p> <p>Safety</p> <p>Focus on Air Quality, high risk traffic interactions on site.</p> <p>Overburden</p> <p>Overburden from the North-East and West of pit continues to be placed in the South and Western overburden emplacements. Clearing for new ground disturbance under the SSD to continue in South Western region of the mine.</p> <p>Pit Update</p> <p>Work ongoing to replace some of the ageing process infrastructure. Limestone extraction will continue in the North and Central areas of the pit.</p> <p>People</p> <p>Recruiting for an electrician, fitter and site manager and starting recruitment process for 2025 apprentices.</p> |
| General Business | <ul style="list-style-type: none"> Geoff Clark raised issues with the meteorological data – (solar radiation and evaporation) Therese Thomas advise that the weather station was serviced in early June new solar sensor ordered. The CCC members welcomed Crystal Perry as the new MSL Environmental Coordinator Gordon Kirkby to go on 3 months leave August – October. Committee agreed to next meeting being held in November. |
| Actions | <ul style="list-style-type: none"> Sharon Makin to email Peppertree Annual Review to CCC Members Sharon Makin to forward Peppertree Quarry weather data to Geoff Clark Les Longhurst to provide visual projections of the rehabilitation at the southern end of the pit at next meeting. |
| Next Meeting | November 2024 |
| Meeting Close | 4:15pm |



Building
something
great

Community Consultative Committee

Peppertree Quarry & Marulan South Limestone
November 2024



AGENDA

1. Welcome and introductions
2. Confirmation of minutes and actions
3. Business arising
4. Correspondence
5. Operations over the last 3 months
6. Environmental performance
 - a. Incidents
 - b. Complaints
 - c. Air
 - d. Noise
 - e. Blast
 - f. Water – surface and ground
 - g. Heritage
 - h. Ecology
7. Stakeholder Engagement
8. Plans for the next 3 months
9. General Business
10. Next meetings - Sep 2024





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01

Welcome and apologies



02

Confirmation of
minutes



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03

Business arising



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04

Correspondence
July 2024 –
November 2024



Peppertree Quarry

Department of Planning and Environment

Update of Environmental Management Plans

Annual Review was submitted and "approved" by DPE

Independent Audit

DCCEEW

Next box Inspection, Rapid Visual Assessment and Ecological assessment completed

Aboriginal Heritage Meeting

EPA

Submitted EPL variation

Site inspection and EPL audit undertaken as part of 3 yearly review and risk assessment concluded- low risk

Resources Regulator

Health Control Plan review

Traffic Management Plan review

Goulburn Mulwaree Council

Nil

Geoff Clark

Weather data reviews – weather station monthly reviews

Marulan South Limestone

EPA

- A follow up site inspection for the rehabilitation and remediation of the slip area that was created last year from the historical tip face to the east of the site.

Resources Regulator

- Falling objects audit communication post 13th August inspection
- Separation of vehicles and pedestrians review

Biodiversity Conservation Trust (BCT)

- Informal follow up on fencing, baseline surveys and weed control

Department of Planning and Environment

- October: Limestone reported truck exceedances on two days in September. The incidents were recorded.

NSW Transport

- Designs finalised for upgrade for Marulan South Road. Road upgrade scheduled for Mid 2025

Geoff Clark

Weather data reviews – weather station



05

Operations
Past 3 months

Peppertree Quarry

Safety & Culture

No LTI/MTI since the last meeting. Safety focus has been on Drugs and Alcohol Policy and Slips, trips and falls.

The Boral Say campaign has been commenced.

Overburden

Ceased active construction at the end of March 2024. Will recommence potentially in 2025 once we need to expand the pit.

Pit Update

The mobile primary crusher was moved to RL525 at the end of May. Tip Bin is being installed to allow greater efficiency in feeding material to the Crusher. It is forecasted that this will result in less blasts.

Processing (STQ)

- Production forecast for the FY was achieved.

People

IJ working Part-time. Sharon and Chris filling in.

Marulan South Limestone

Safety

A focus on falling objects and emergency response plan training and traffic management.

Overburden

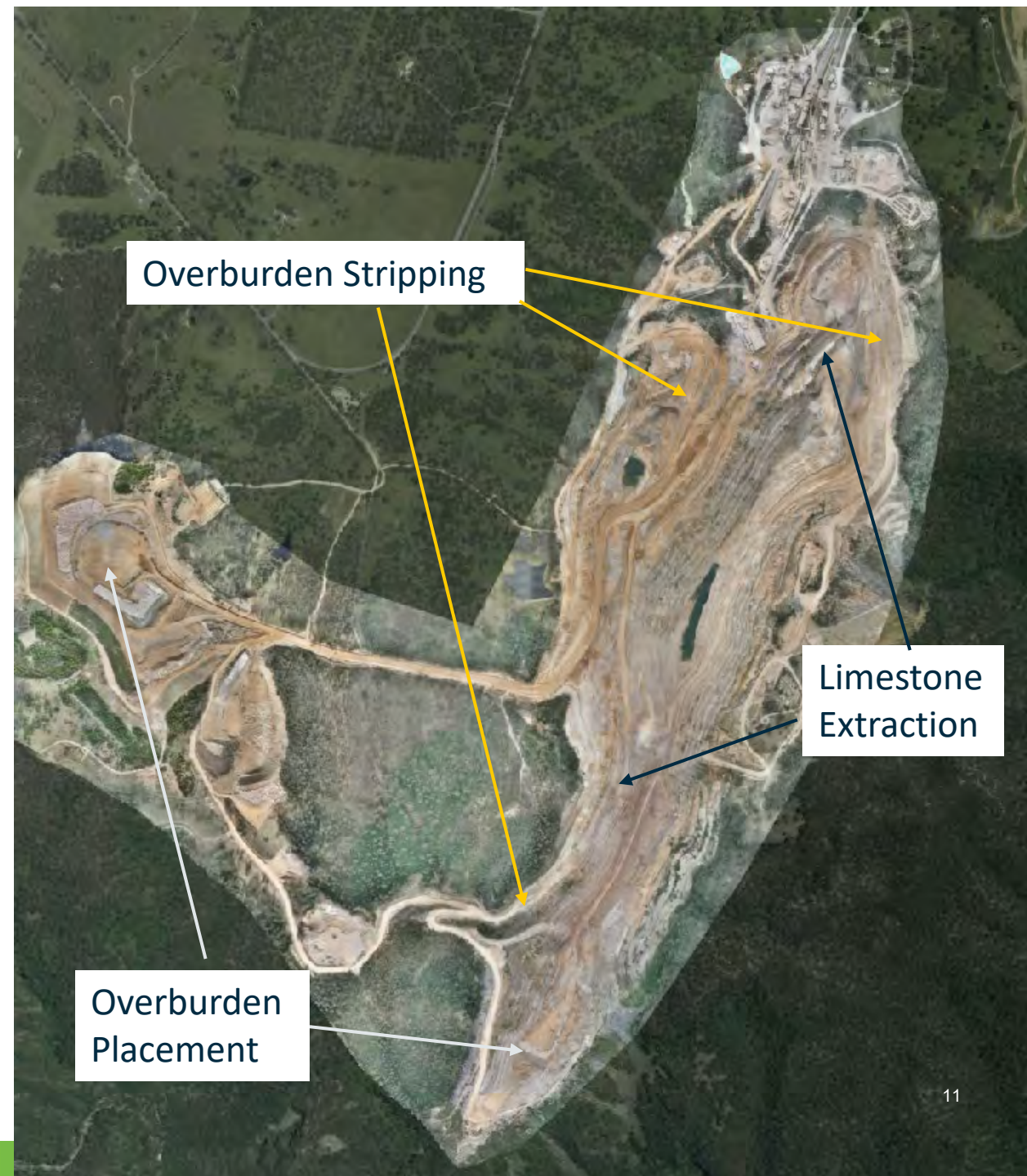
Overburden stripping has been progressing at a steady 375,000t/month.

Limestone Extraction

Extracting at a rate of 250,000t/month.

People

A new Site Manager, Anne-Elisabeth Champon started in August. Total of 103 employees on site. Engaged five new HME operators. One 50 years service award.



06

Environmental Performance



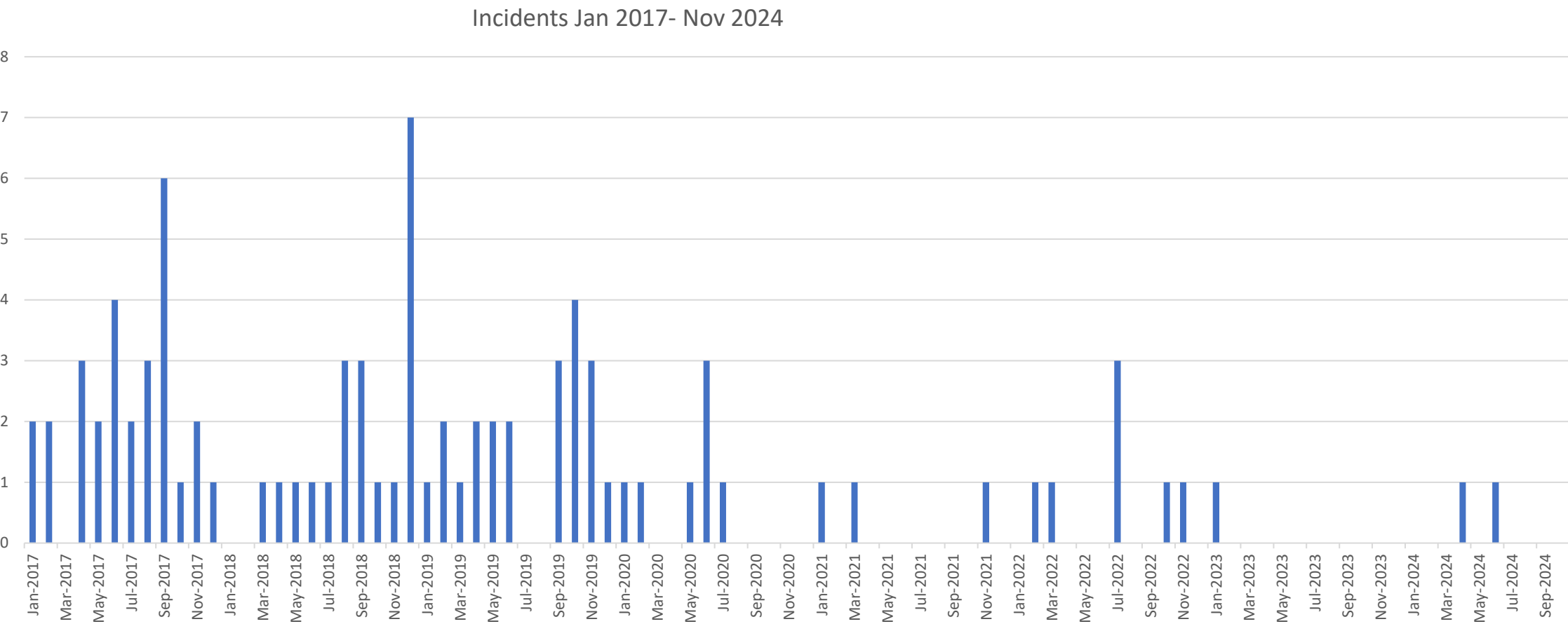
06.1

Environmental Performance Peppertree Quarry



Building
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Environmental Incidents Jan 2017 to June 2024

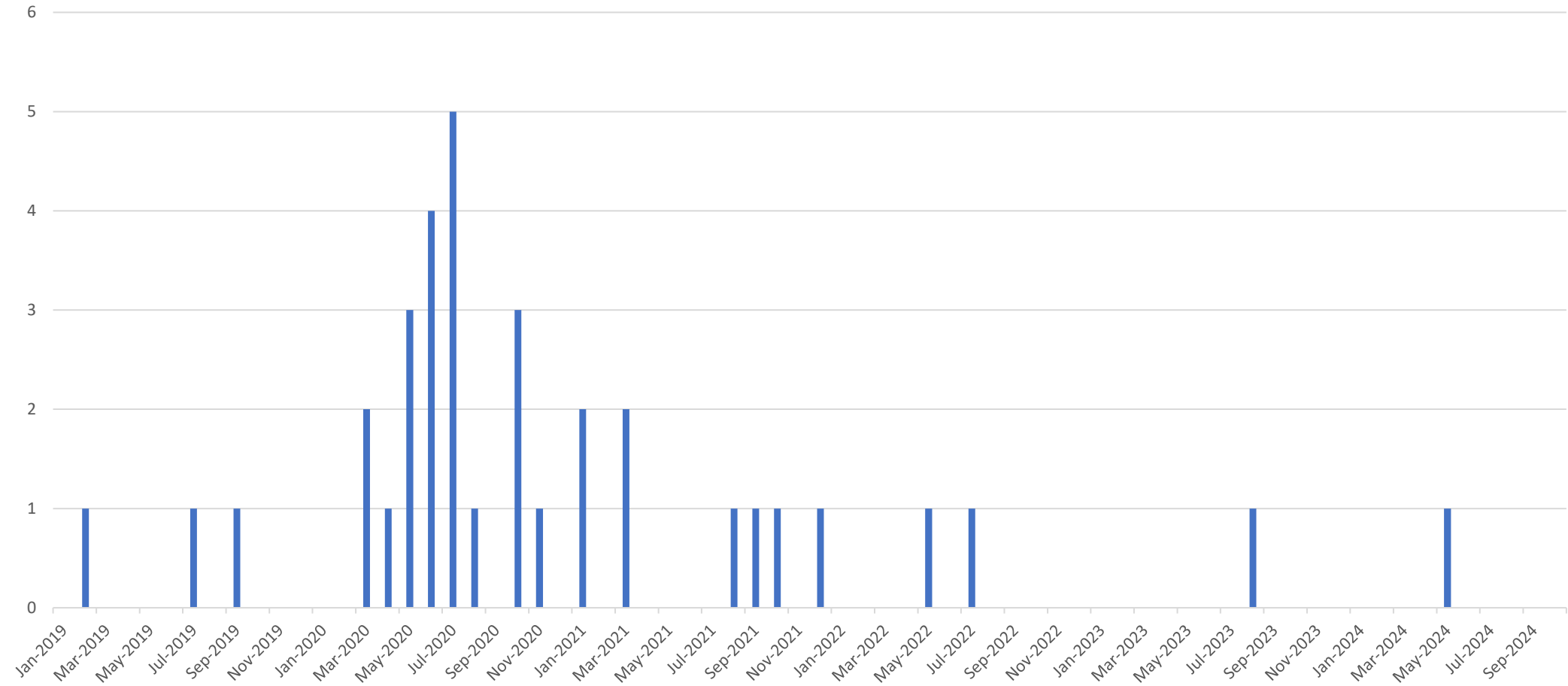


Incidents July to Nov: zero

Environmental Complaints Jan 2019 to June 2024



Complaints 2019 - November 2024

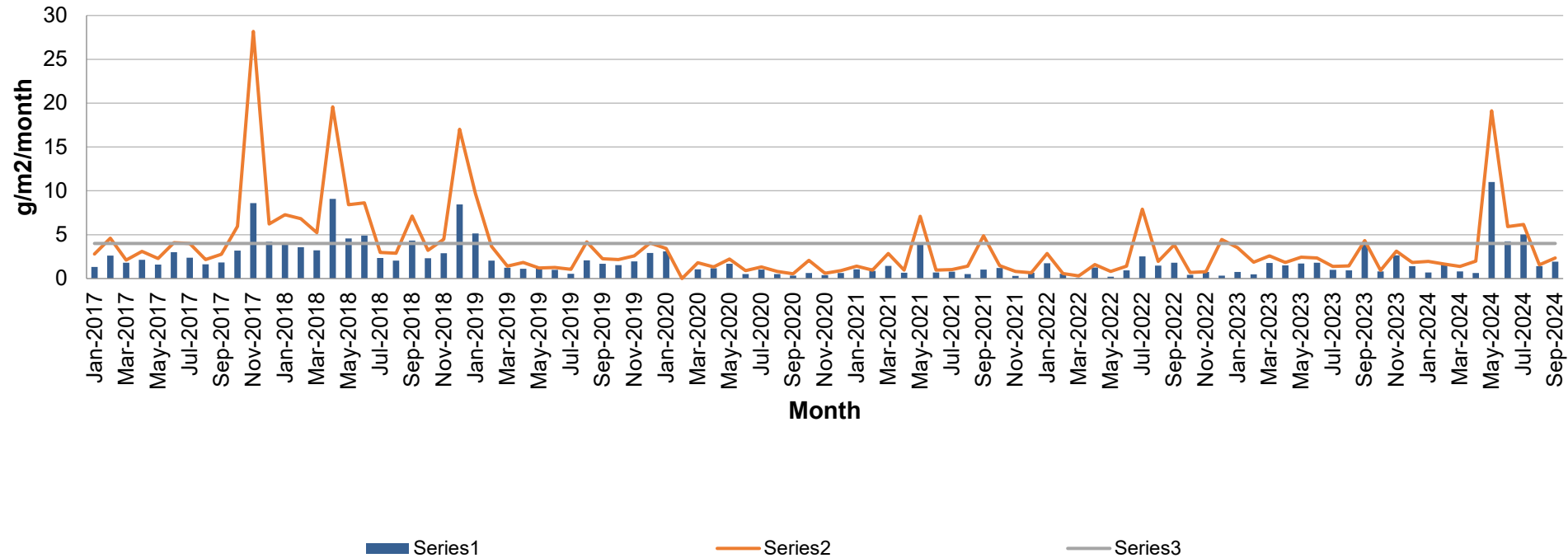


> Zero complaint (July to November)

Air – Dust deposition Gauge D1



Peppertree Quarry Deposited Dust 2017 - 2024
Onsite (NW boundary)



Annual Average goal of 4gm²/month

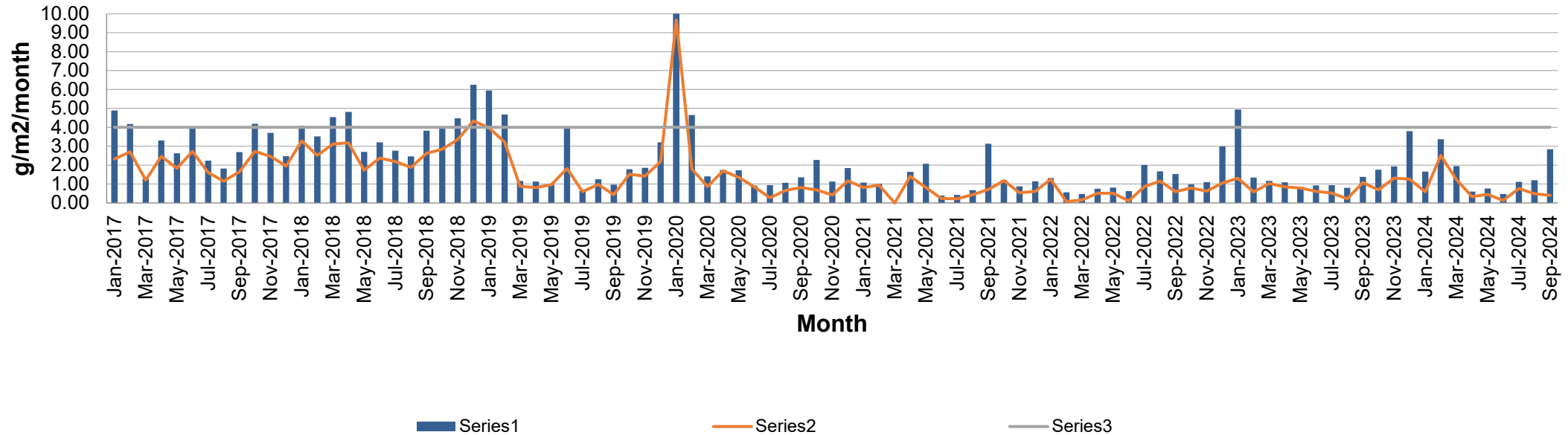
In compliance

Annual average below goal at the boundary

Air – Dust Deposition Gauge D2



Peppertree Quarry Deposited Dust 2017 - 2024
683 Marulan South Road



Annual Average goal of 4gm2/month

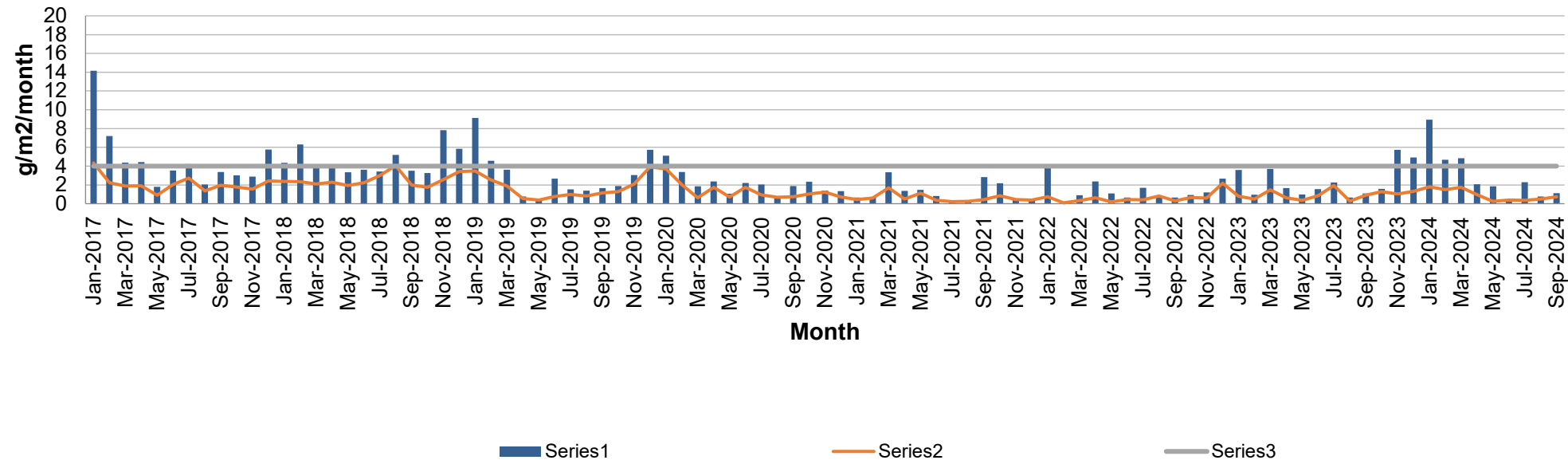
In compliance

Annual average below goal at the boundary

Air – Dust Deposition Gauge D3



Peppertree Quarry Deposited Dust 2017 - 2024
432 Long Point Road, Tallong



Annual Average goal of 4gm²/month

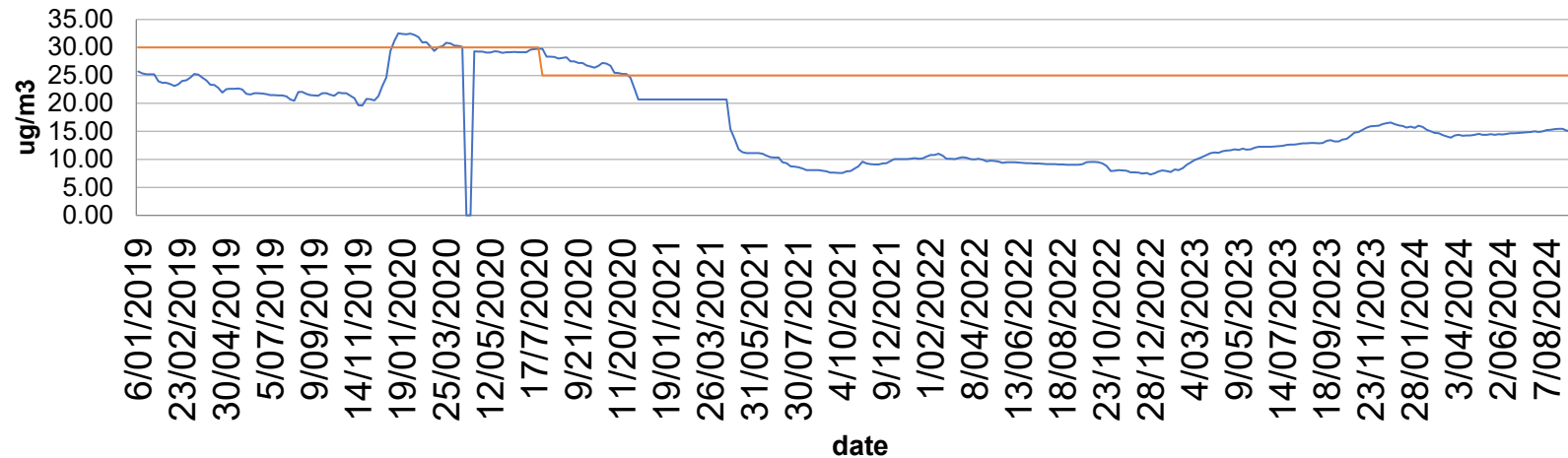
In compliance with the extrapolated Todoroski data to the Boundary.

Annual average below goal at the boundary

Air – PM10 annual average



Peppertree Quarry PM10 annual average trend 2014 - 2024



— running annual average — PM10 annual average goal

Annual Average goal of 25 $\mu\text{g}/\text{m}^3$

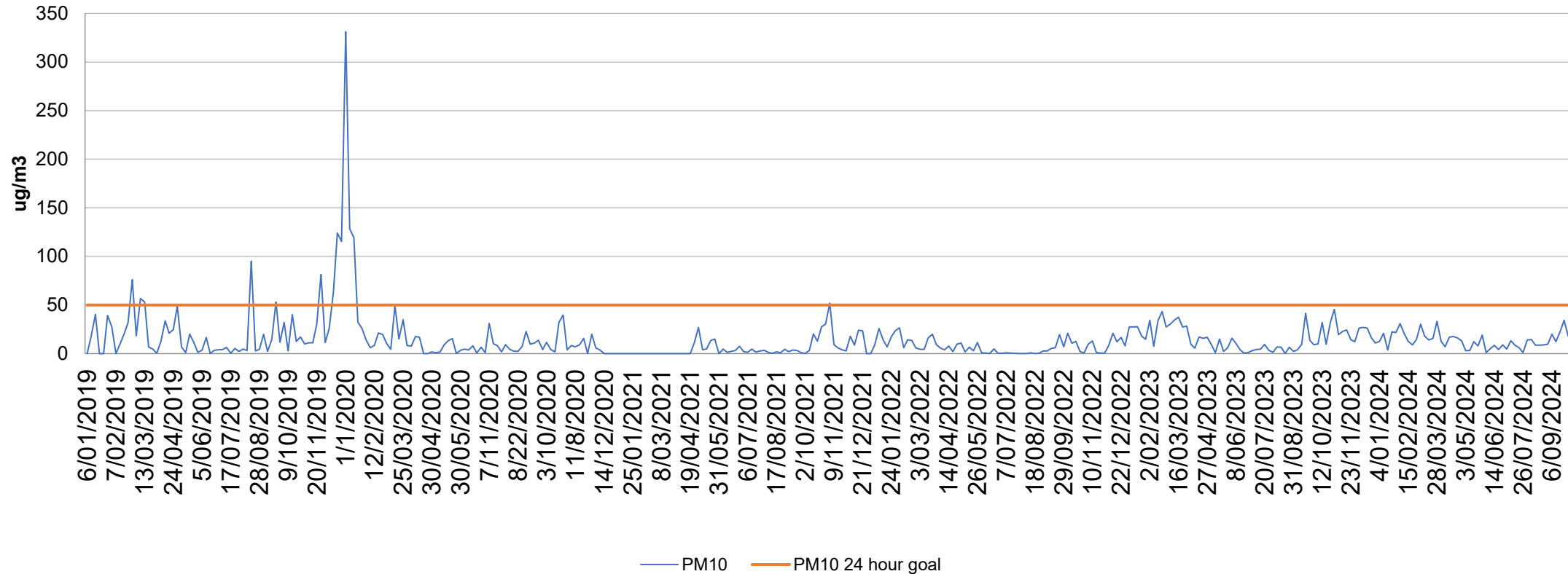
In compliance

Annual average below goal at the boundary

Air – PM10 24 Hour performance



Peppertree Quarry PM10 24 hour performance 2019-2024

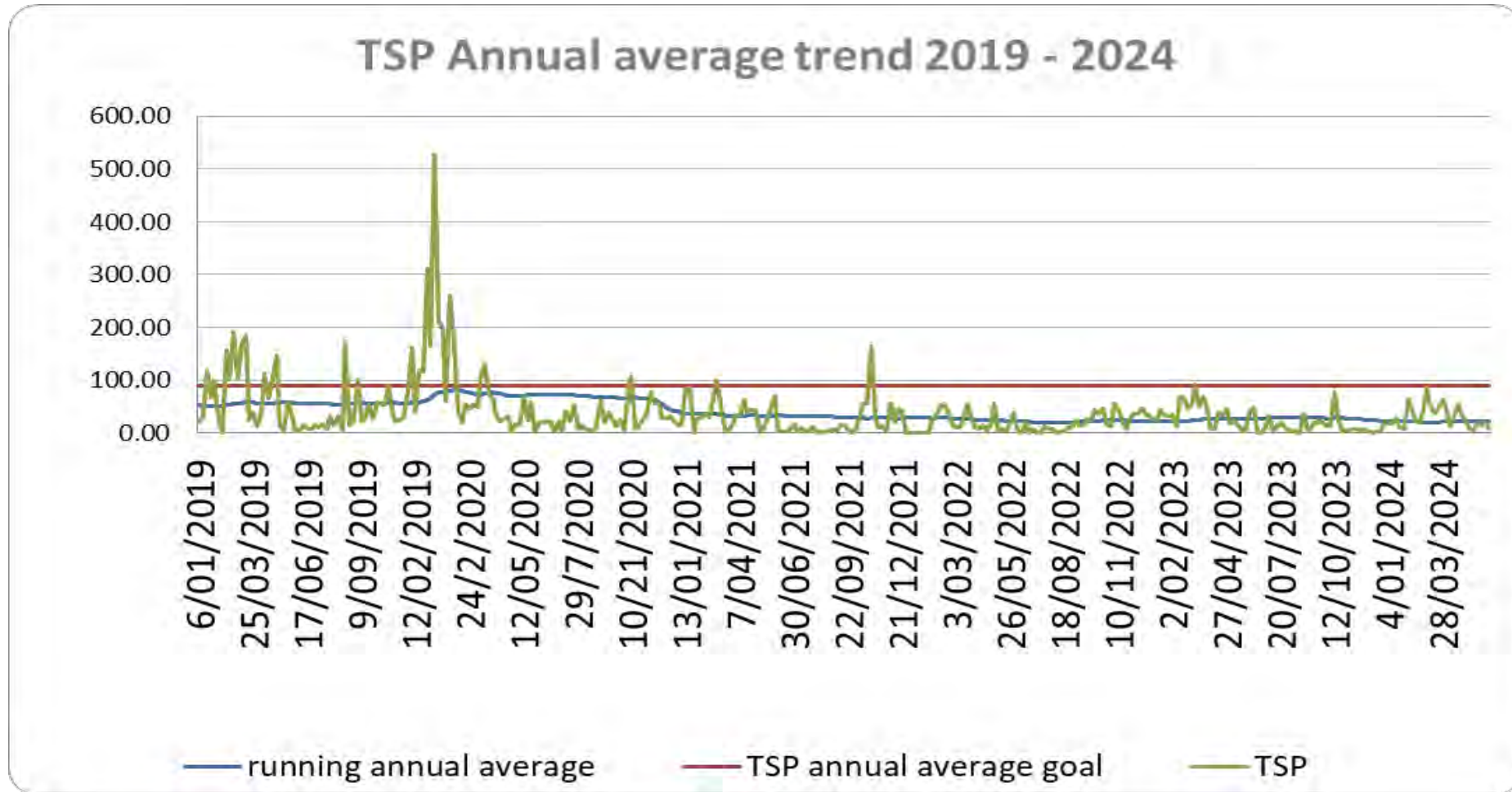


24 hour goal of 50ug/m3

In compliance

Annual average below goal at the boundary

Air – Total Suspended Particulates

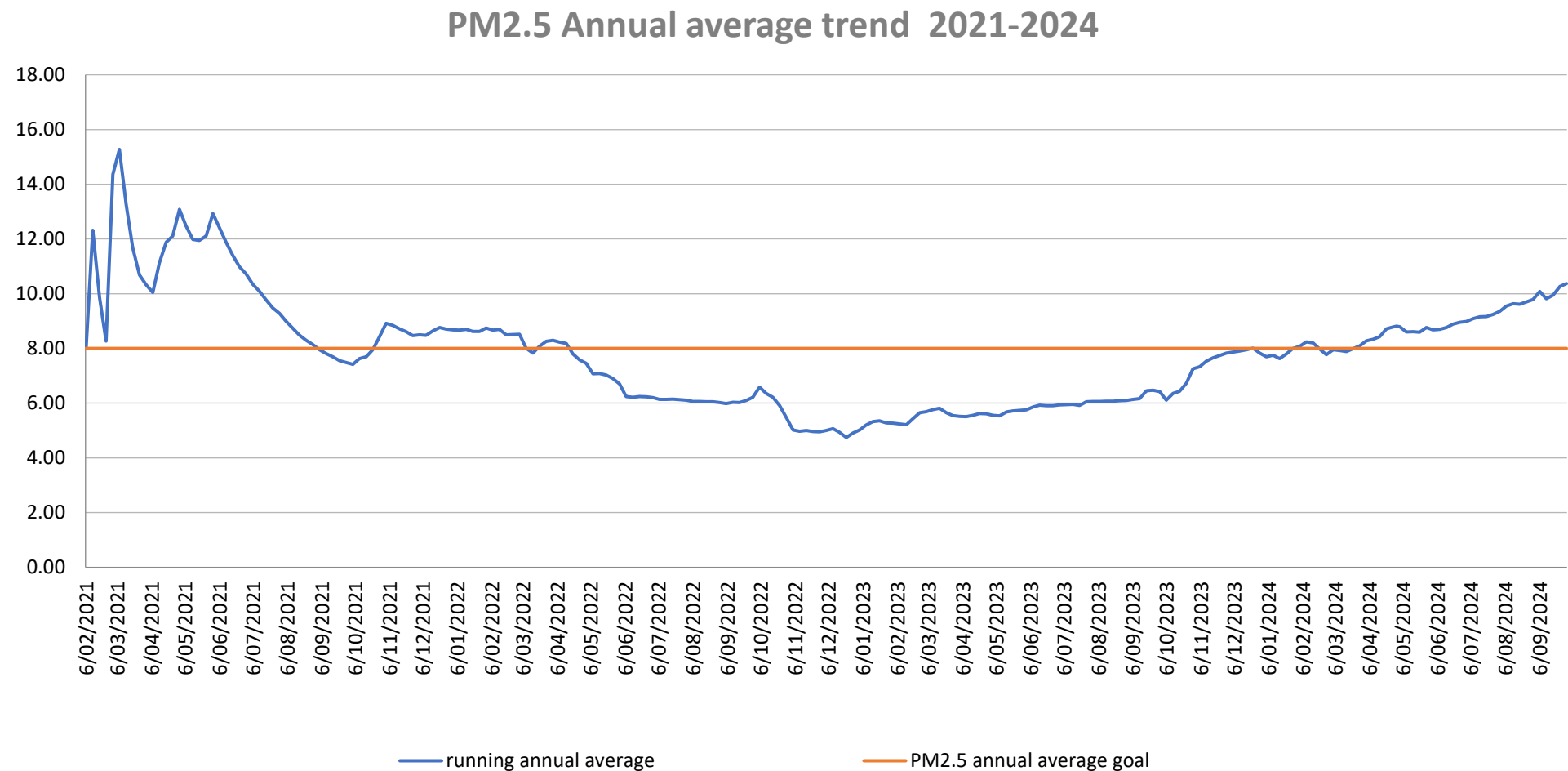


Annual Average goal of 90 $\mu\text{g}/\text{m}^3$

In compliance

Annual average below goal at the boundary

Air – PM2.5 Annual Average

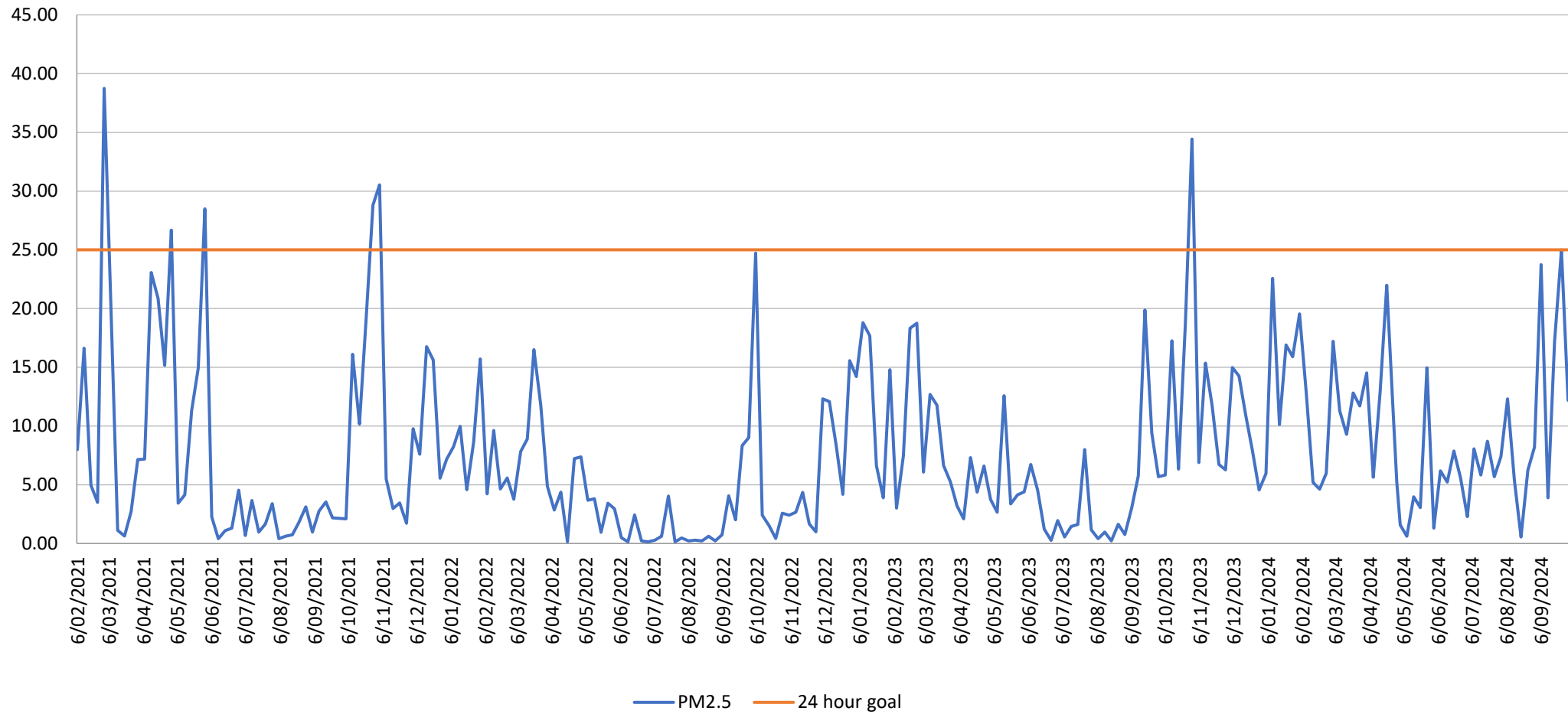


Annual average increasing over May

Air – PM2.5



PM2.5 24 hour 2021-2024



In compliance for the past 3 months.

Noise – quarterly monitoring



Monitoring conducted on the 2nd to the 4th of October 2024.

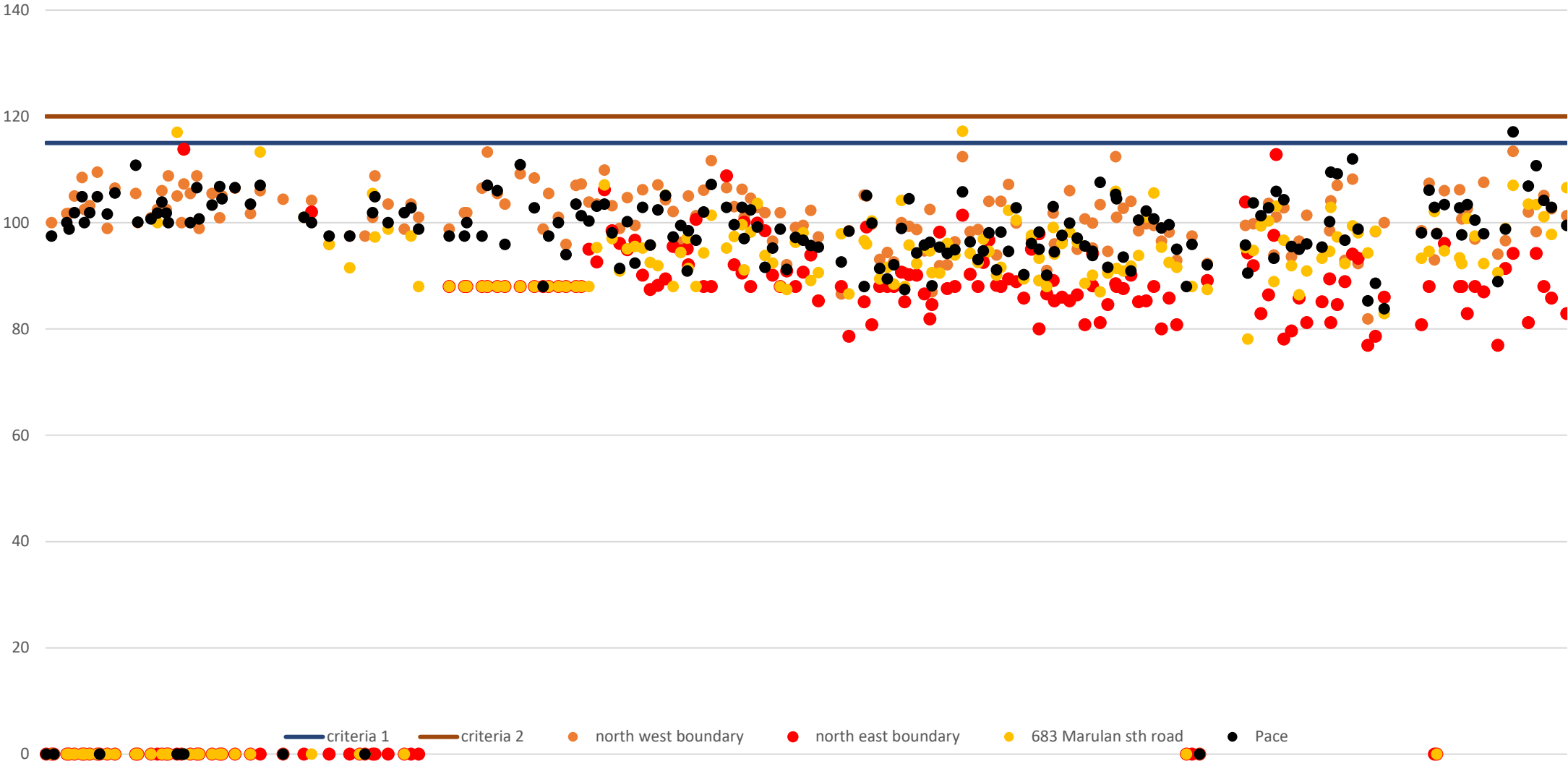
Results for the October round are in compliance.

One sensitive receiver has advised that they no longer want monitoring at their home.

New location has been identified and modelling undertaken.

Blasting - Overpressure

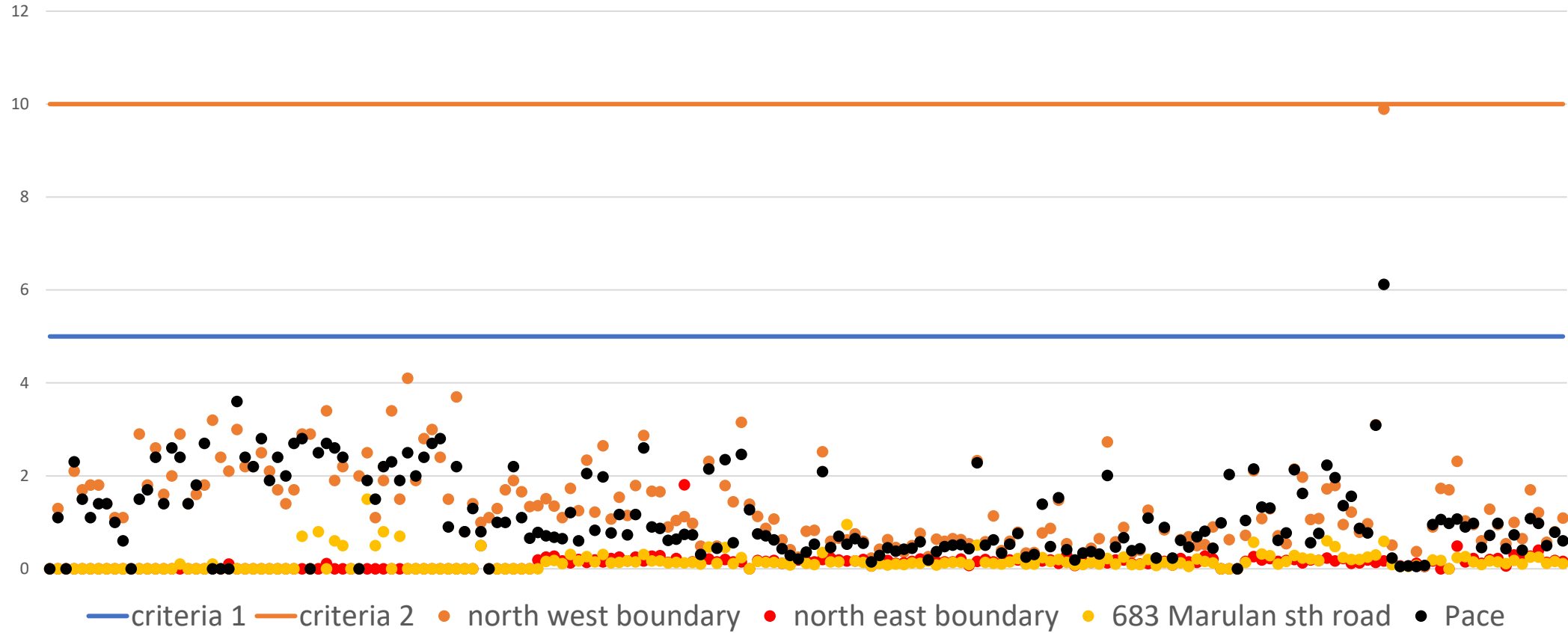
OVER PRESSURE 2021-2024



In Compliance

Blasting – ground Vibration

Vibration 2021-2024



In Compliance

Surface Water

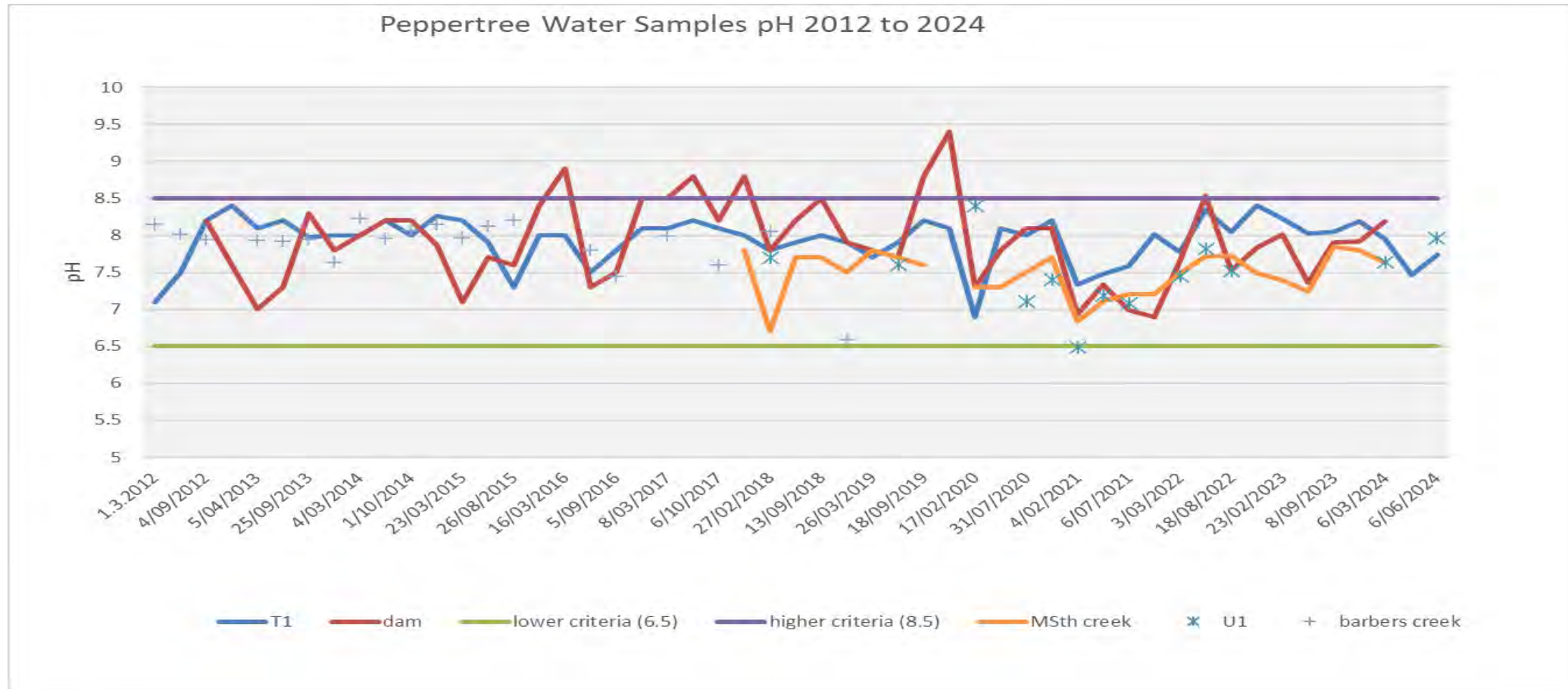


Quarterly Water sampling was undertaken in September and last quarter will be in November.

No issues with water supply or quality from the last quarterly water sampling rounds.

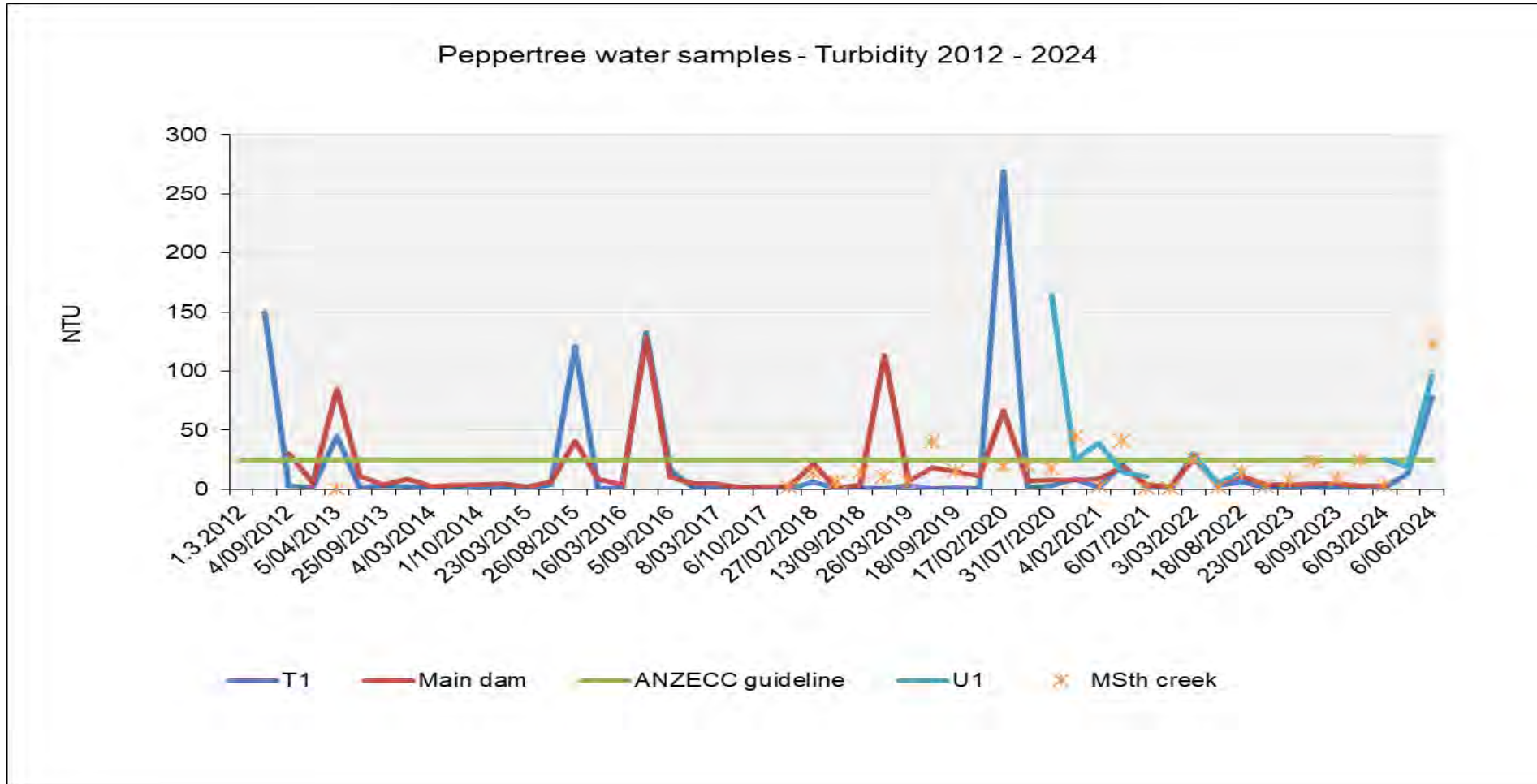
Next round of sampling to be conducted March 2025

Surface water - pH



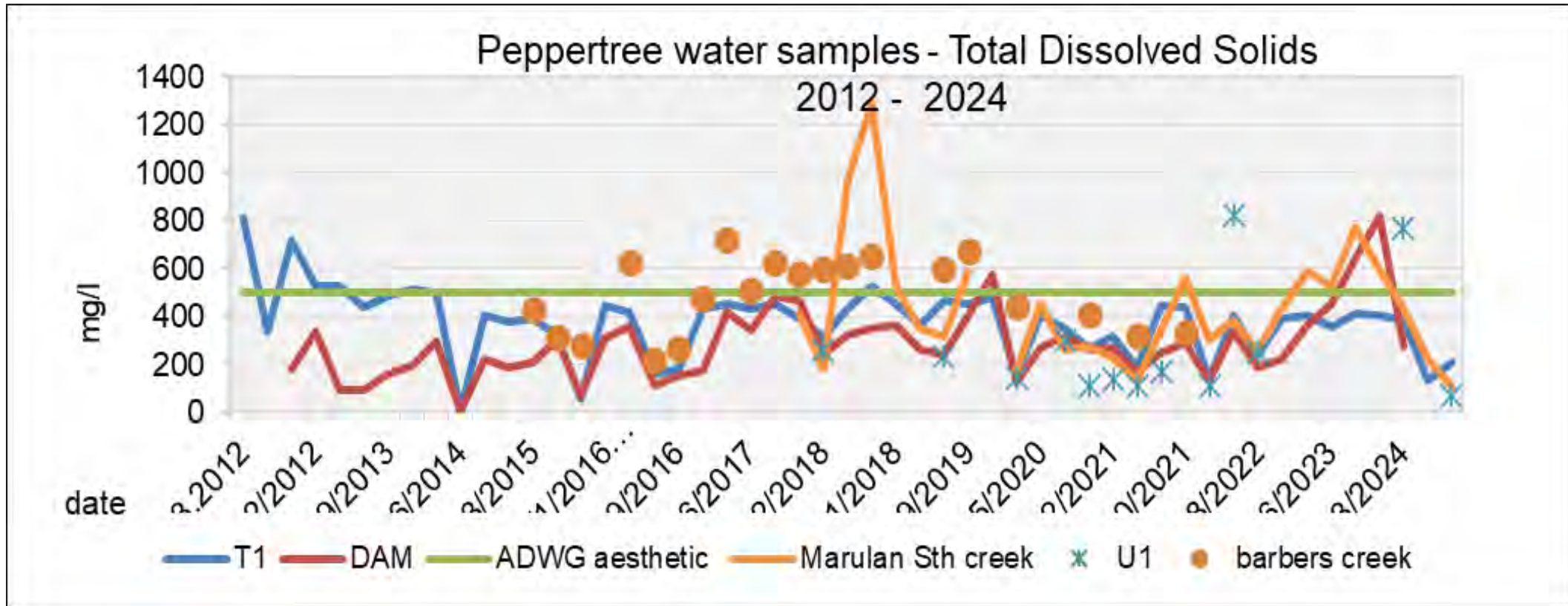
Within guideline for April and June 2024 samples

Surface water - Turbidity



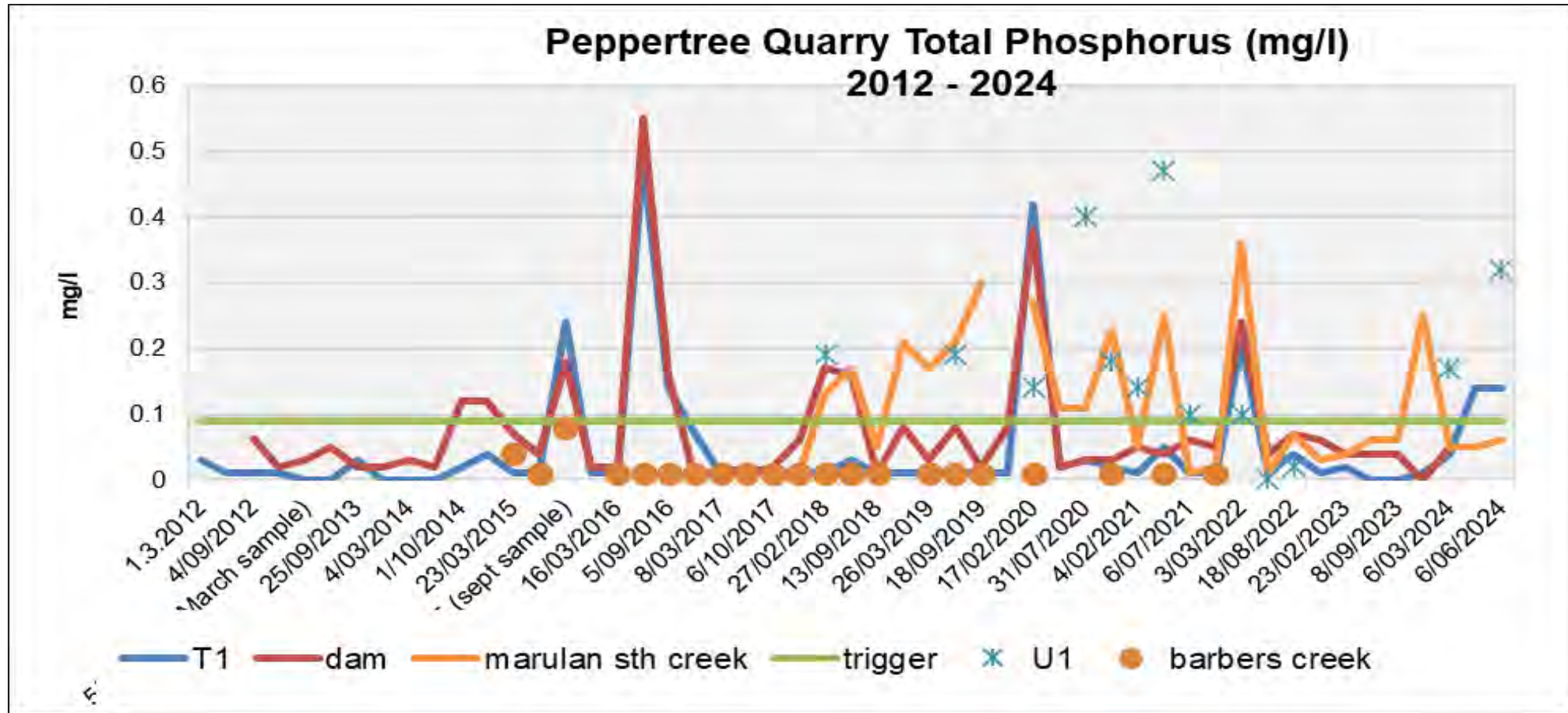
Below guideline for April samples however, all June samples above the guidelines due to rain events

Surface water – Total dissolved solids



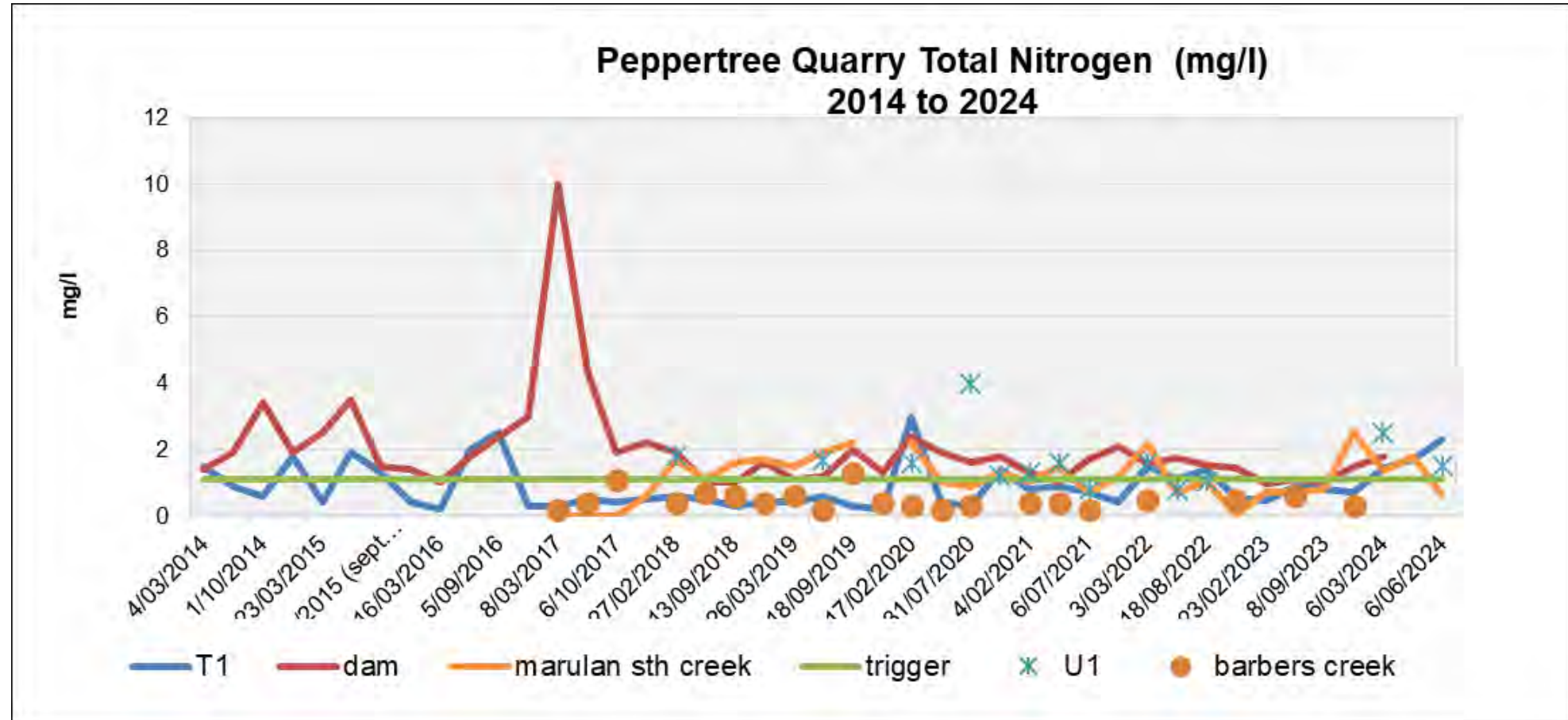
Below guideline for april and June samples with exception of Marulan South Creek and the main dam

Surface water – total Phosphorus



Below guideline for April and June samples except for the T1, Marulan south creek & U1 due to rain events

Surface water - Total Nitrogen



Above guideline for April and June samples associated with rain events

Environmental Flow



| year | total in flow | 10% | total out flow | in compliance |
|--------|---------------|------|----------------|---------------|
| Jan-23 | 15 | 1.5 | 15.48 | yes |
| Feb-23 | 1.1 | 0.11 | 7.02 | yes |
| Mar-23 | 2.5 | 0.25 | 3.67 | yes |
| Apr-23 | 16 | 1.6 | 3.76 | yes |
| May-23 | 15 | 1.5 | 15.74 | yes |
| Jun-23 | nil | nil | 3.46 | yes |
| Jul-23 | 1.8 | 0.18 | 3.79 | yes |
| Aug-23 | nil | nil | 3.69 | yes |
| Sep-23 | nil | nil | 3.4 | yes |
| Oct-23 | nil | nil | 3.44 | yes |
| Nov-23 | nil | nil | 3.35 | yes |
| Dec-23 | 3.3 | 0.33 | 3.51 | yes |
| Jan-24 | 46.6 | 4.66 | 288.73 | yes |
| Feb-24 | 58 | 5.8 | 840.61 | yes |
| Mar-24 | 5.4 | 0.54 | 21.28 | yes |
| Apr-24 | 50.2 | 5.02 | 685.2 | yes |
| May-24 | 42.7 | 4.27 | 971.15 | yes |
| Jun-24 | 46.7 | 4.67 | 1078.3 | yes |
| Jul-24 | 9.9 | 0.99 | 231.21 | yes |
| Aug-24 | 27.3 | 2.73 | 220.12 | yes |

Shaded blue - rainfall events where overflow of the V notch weir is likely

Ground water



- > Monitoring conducted in September 2024.
- > Results all good for Sept and next round in next quarter ending December
- > Results show no changes to the groundwater

Ground water – water levels



Heritage



Artefact analysis is continuing and final report to be delivered end of December

Temporary Scar tree relocation done in November and display still being planned, currently undercover near the P2 dam area.

Planning under way for a bush tucker garden at the office

Poster display being developed to tell the story of heritage works at Peppertree

Black Cockatoo habitat tree planting being planned

Ecology



Three-year plan developed for ongoing rehabilitation and maintenance

Annual Nest box Inspection and Rapid Visual assessment conducted. Three adult Brush tail possums and two sugar adult Sugar gliders were observed during the inspection confirming the presence of faunas in the HMA.

Weed management programmed for this quarter to target serrated tussock and Patersons Curse

Planting for Black Cockatoos being planned.



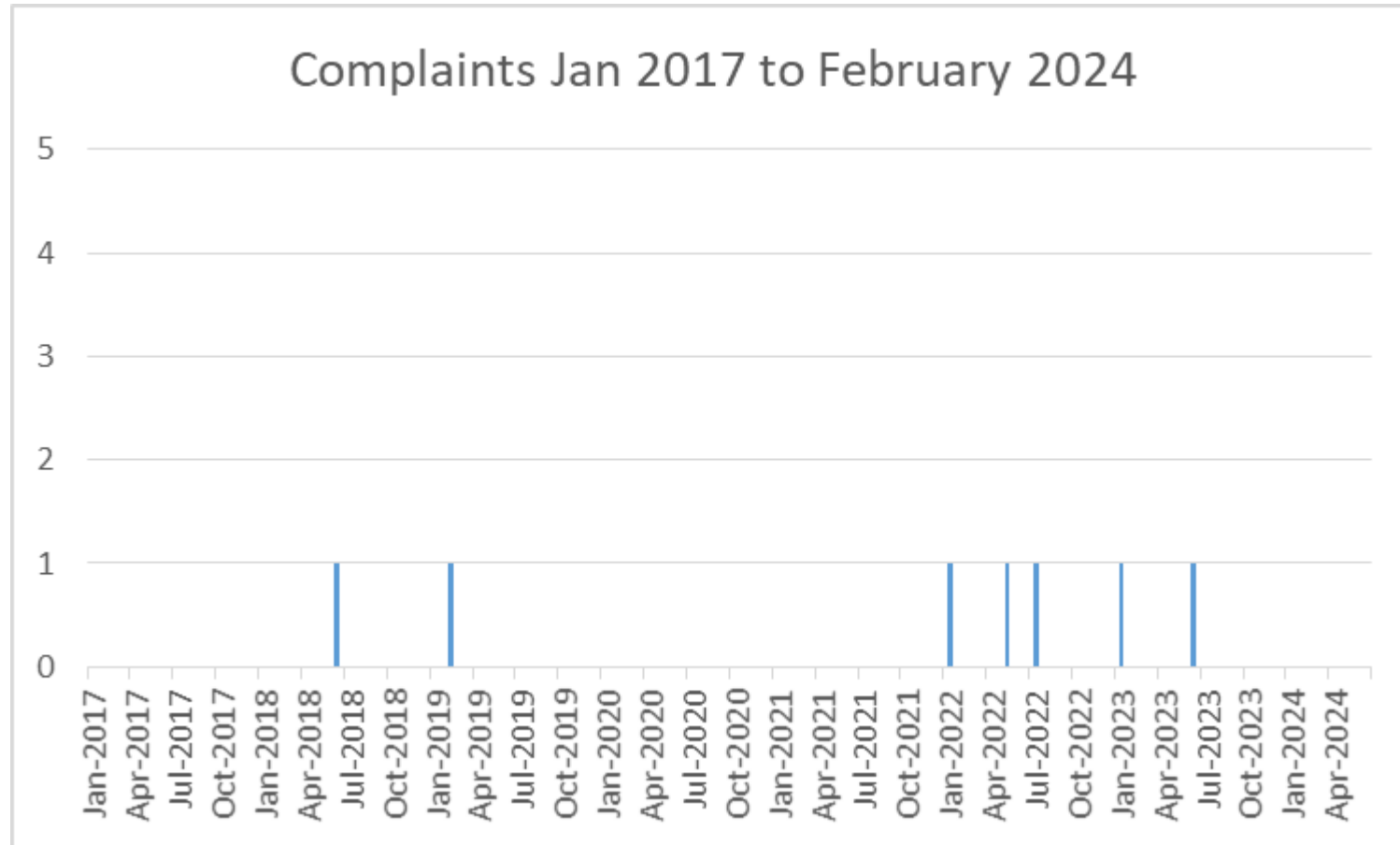
06.2

Environmental Performance **Marulan South Limestone**



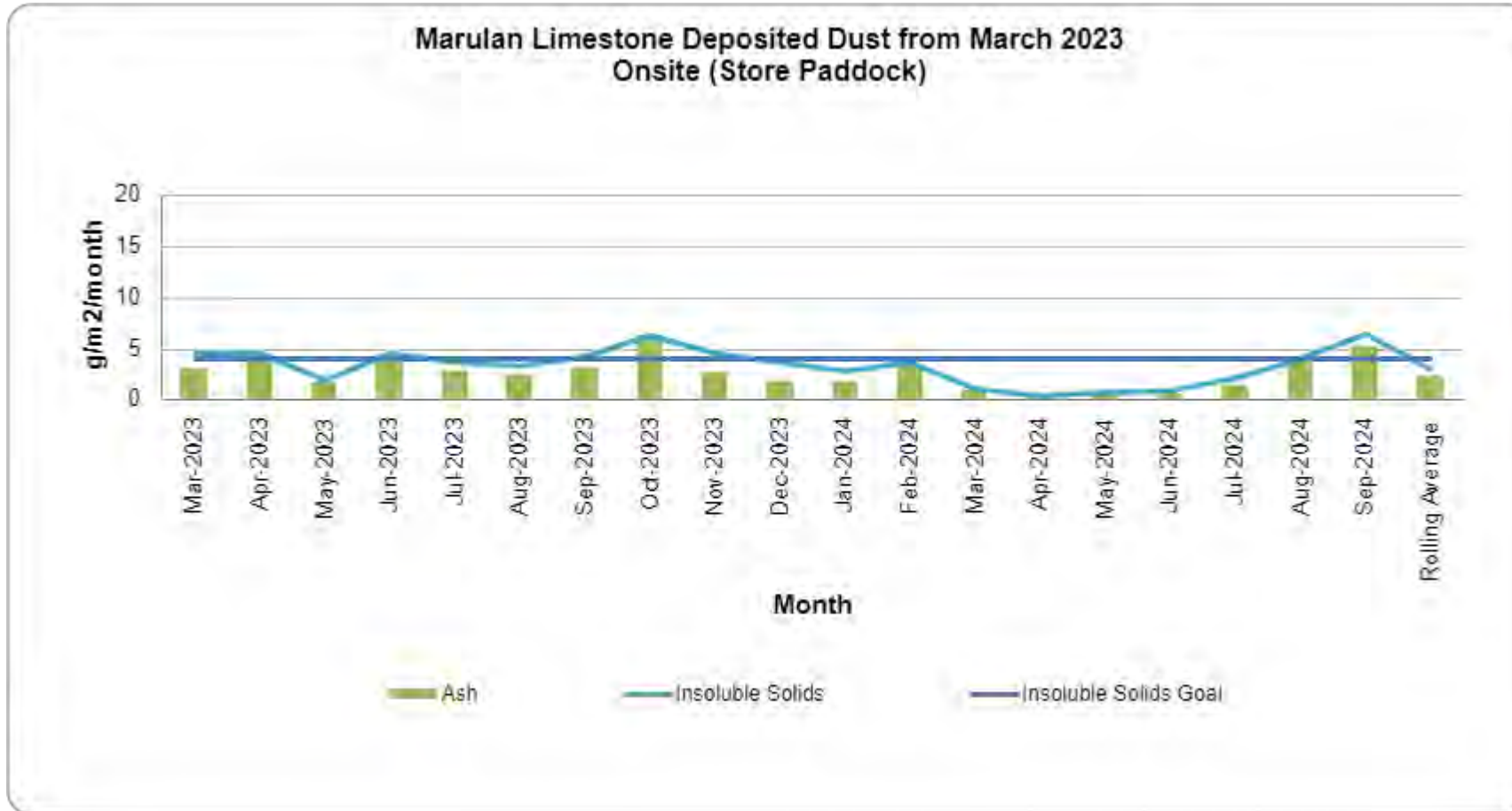
Building
something
great

Environmental Complaints Jan 2017 to Feb 2024



- No Environmental Complaints last two quarters

Air – Dust deposition Site 1

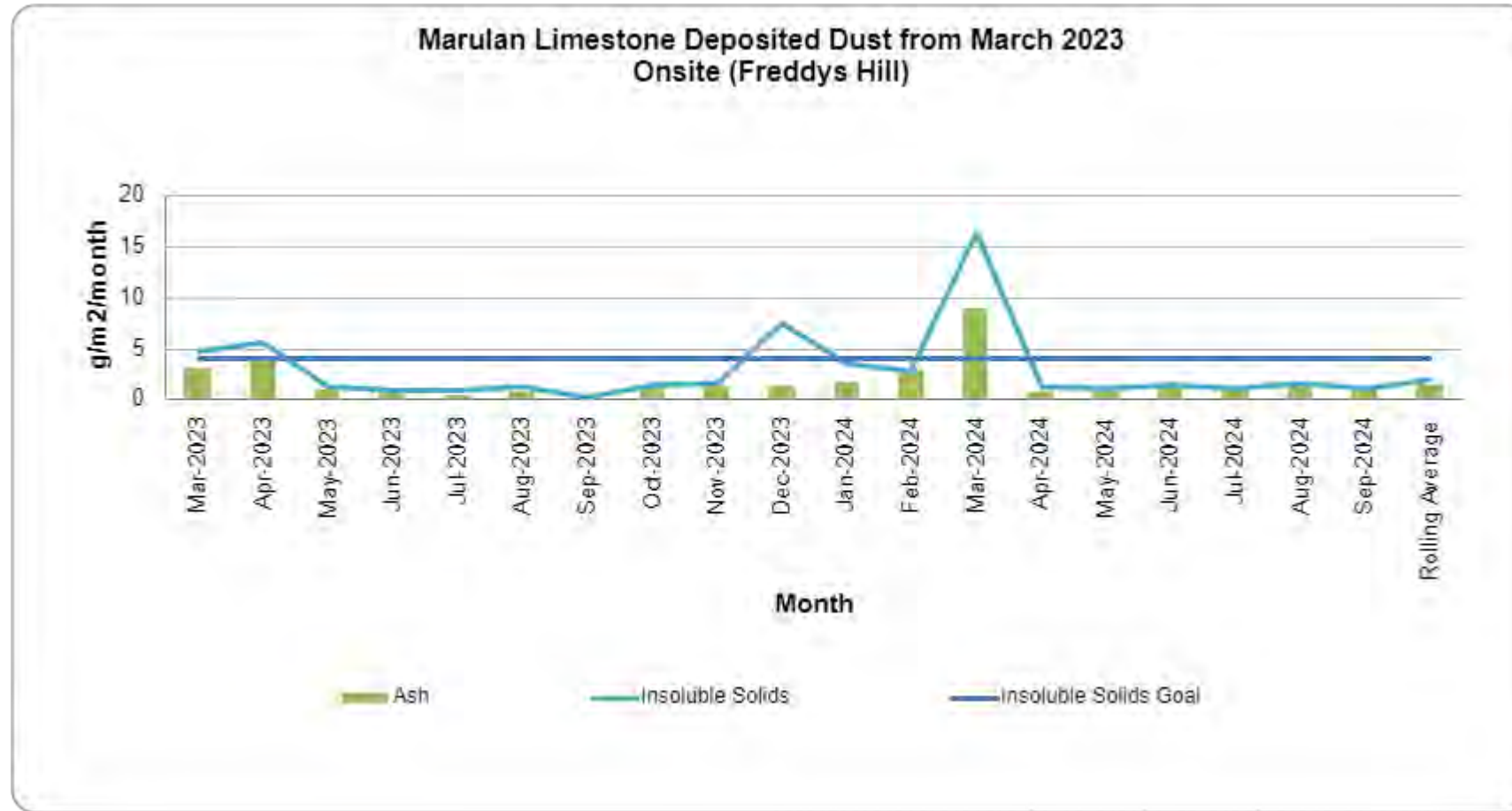


Annual Average goal of 4gm²/month

In compliance

Rolling annual average below goal at the boundary.

Air – Dust deposition Site 2

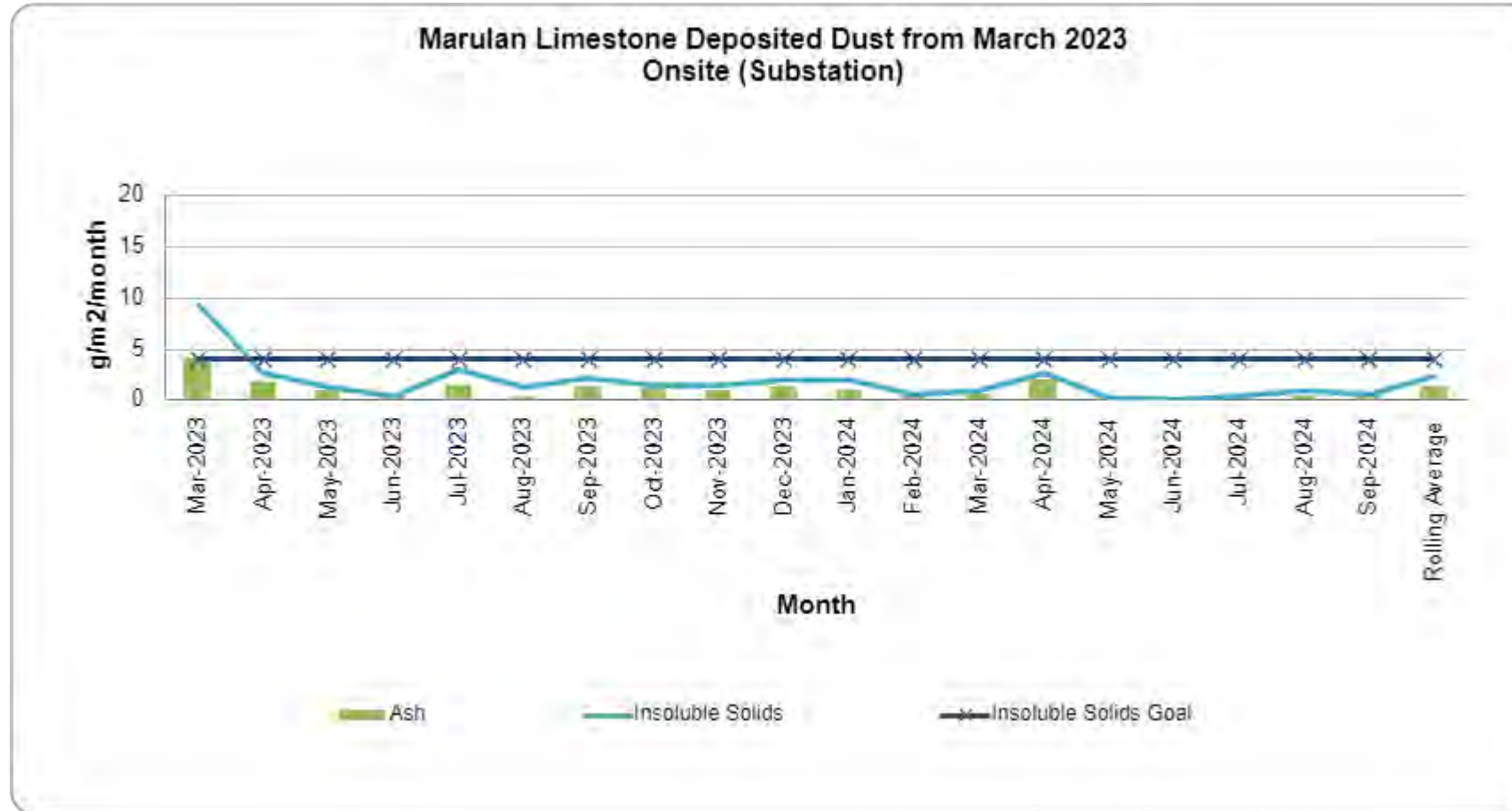


Annual Average goal of 4gm²/month

In compliance

Annual rolling average below goal at the boundary

Air – Dust deposition Site 3



Annual Average goal of 4gm²/month

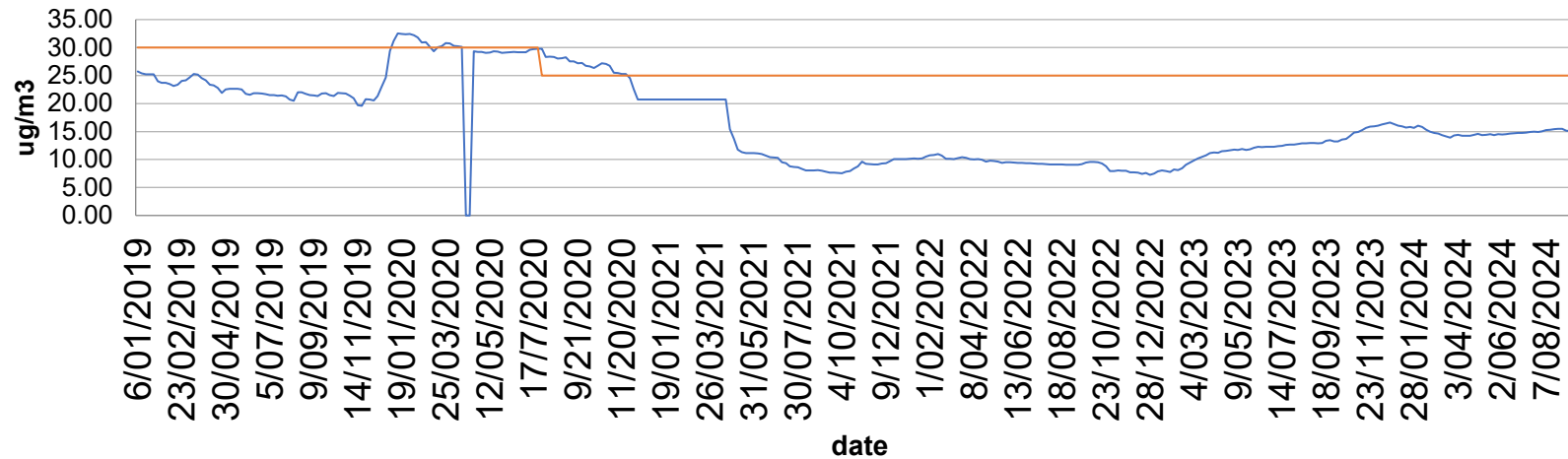
In compliance

Annual average below goal at the boundary

Air – PM10 annual average



Peppertree Quarry PM10 annual average trend 2014 - 2024



— running annual average — PM10 annual average goal

Annual Average goal of 25 $\mu\text{g}/\text{m}^3$

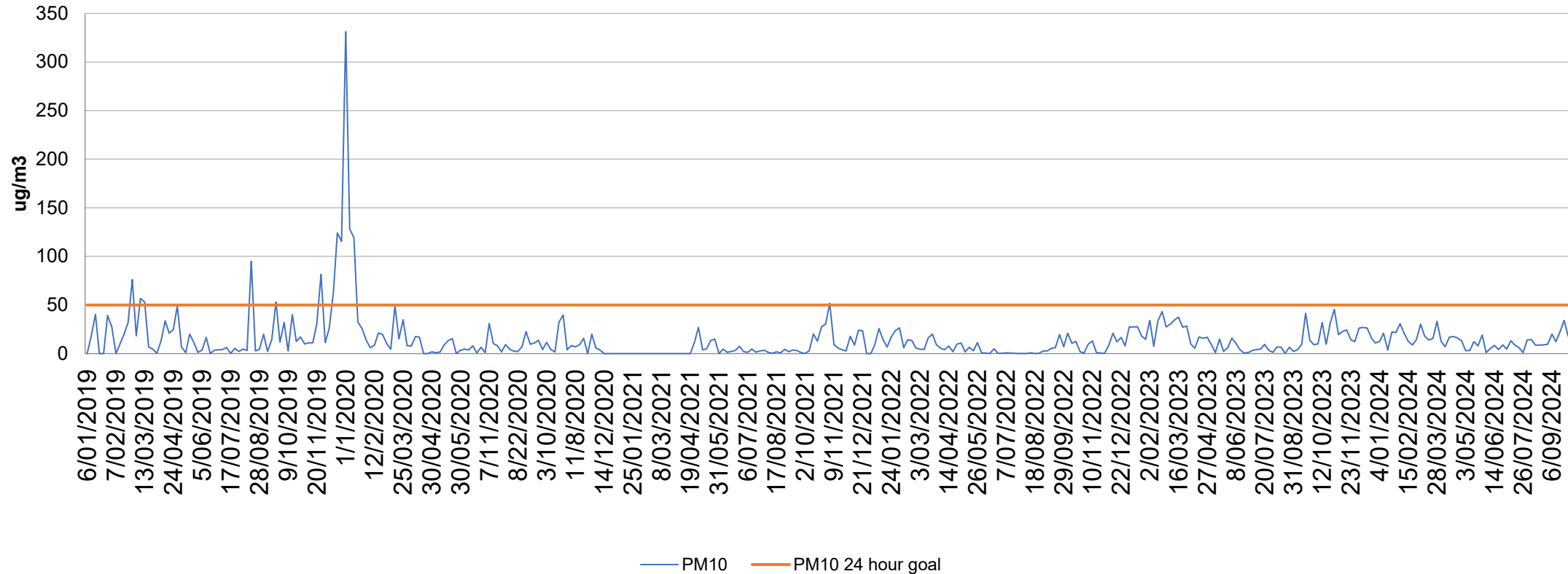
In compliance

Annual average below goal at the boundary

Air – PM10 24 Hour performance



Peppertree Quarry PM10 24 hour performance 2019-2024

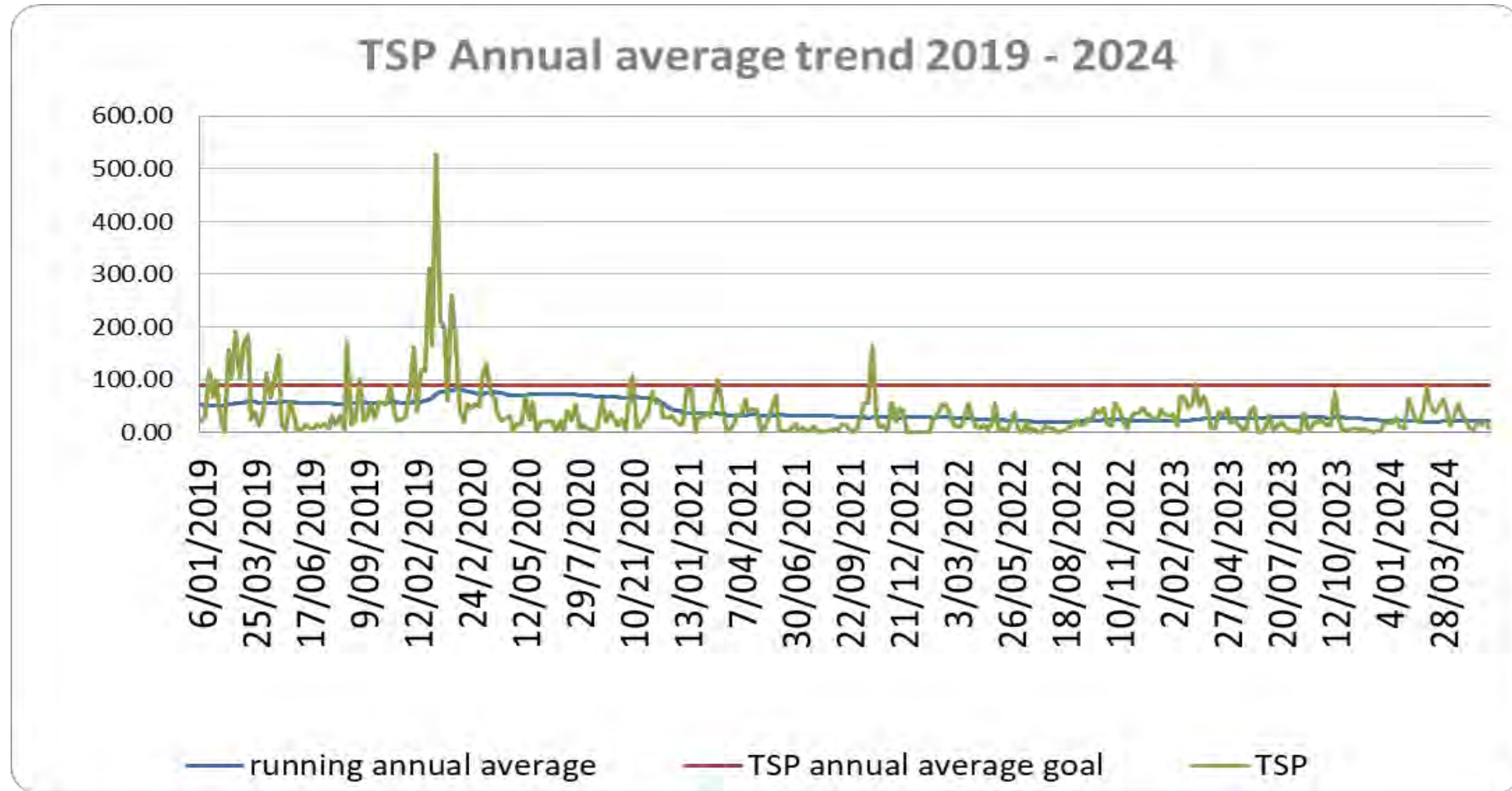


24 hour goal of 50ug/m3

In compliance

Annual average below goal at the boundary

Air – Total Suspended Particulates



Annual Average goal of 90 $\mu\text{g}/\text{m}^3$

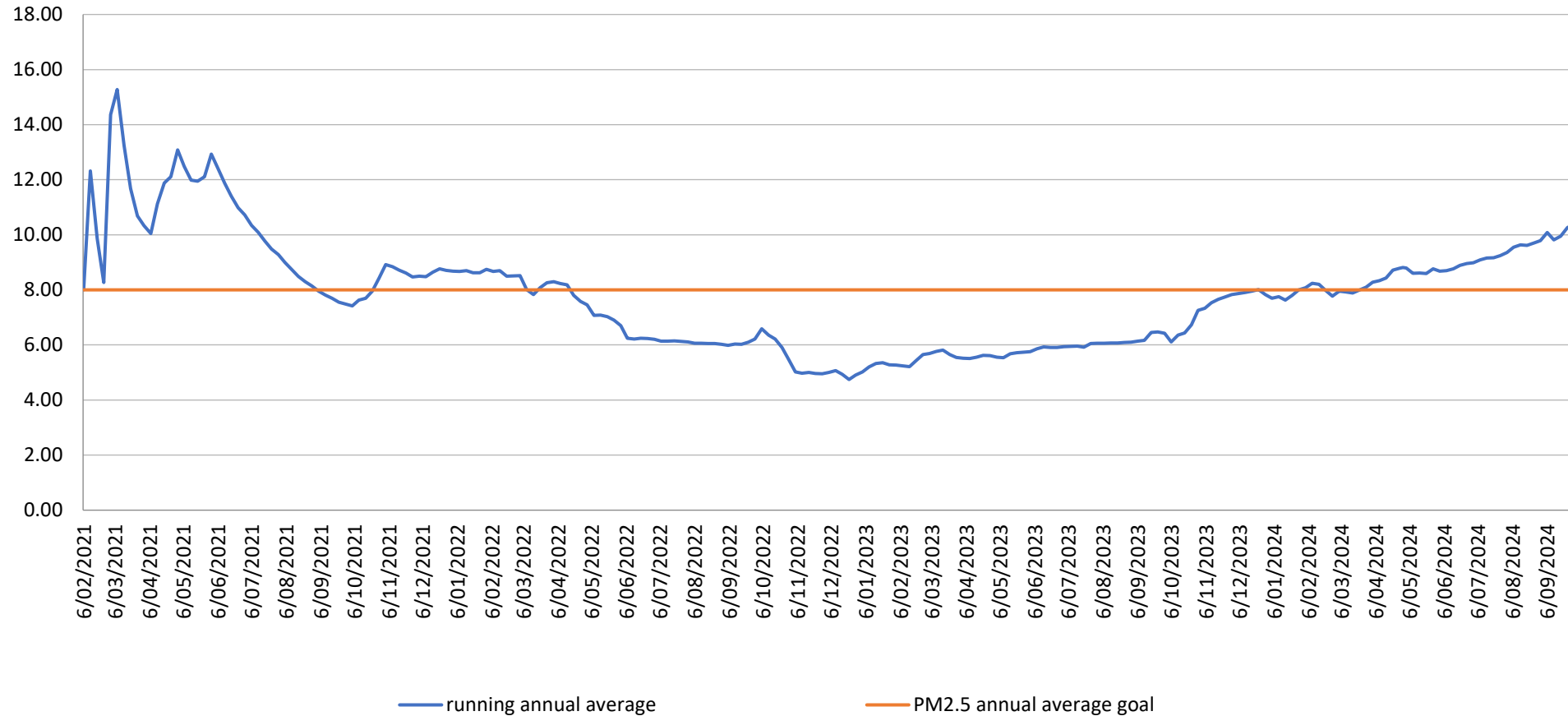
In compliance

Annual average below goal at the boundary

Air – PM2.5 Annual Average



PM2.5 Annual average trend 2021-2024

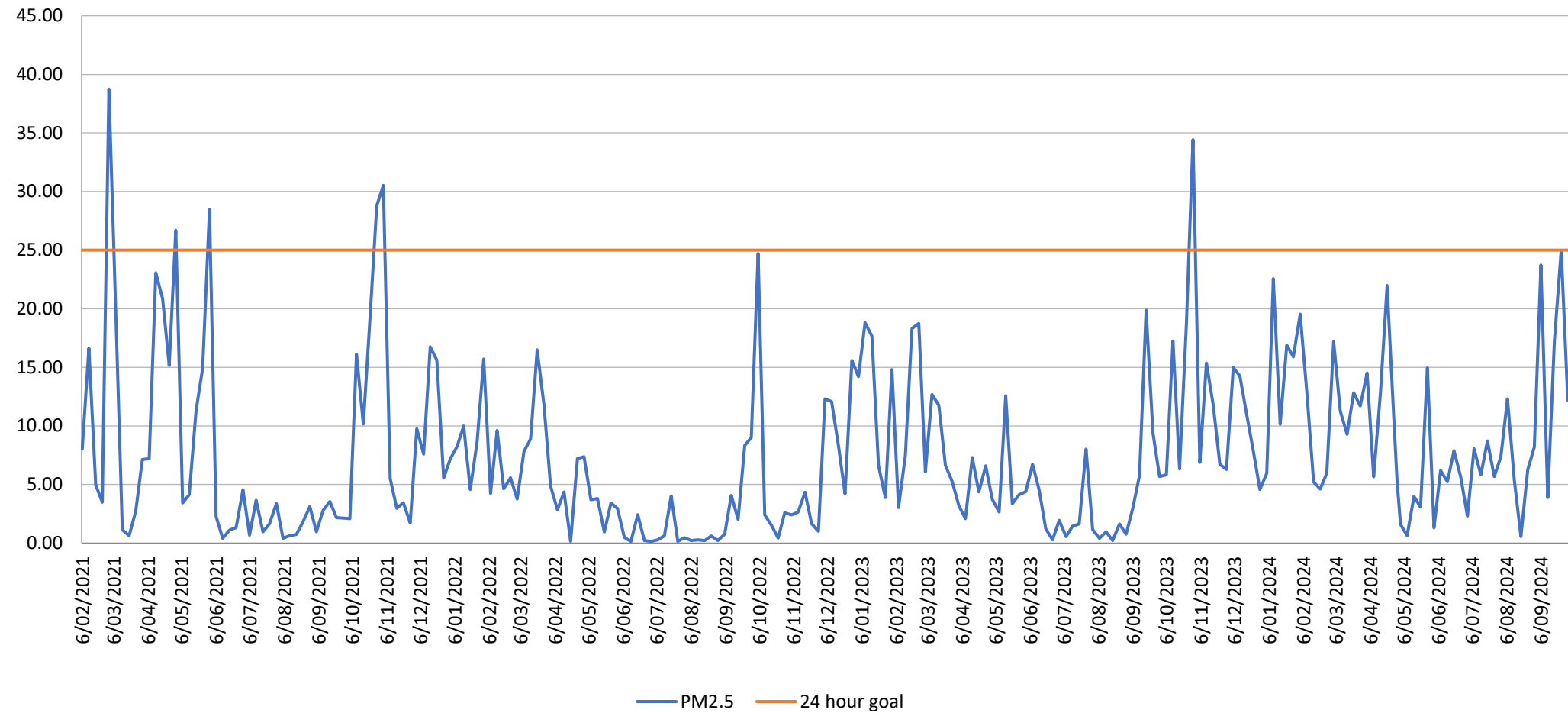


Annual average increasing over May

Air – PM2.5



PM2.5 24 hour 2021-2024



In compliance for the past 3 months.

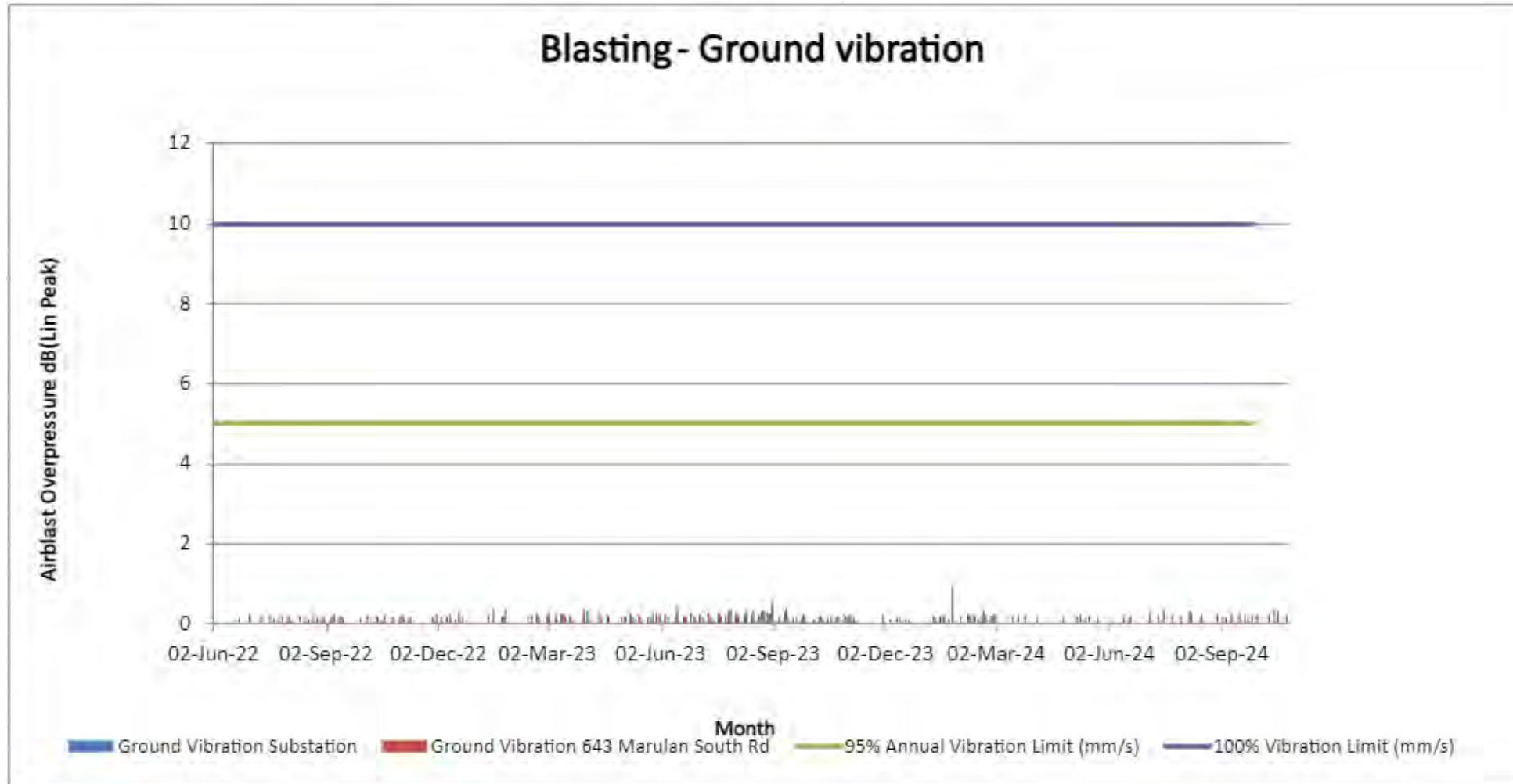
Noise – quarterly monitoring



Monitoring was undertaken on the 3rd and 4th of July 2024 and the 2nd and 3rd of October 2024 with results in compliance.

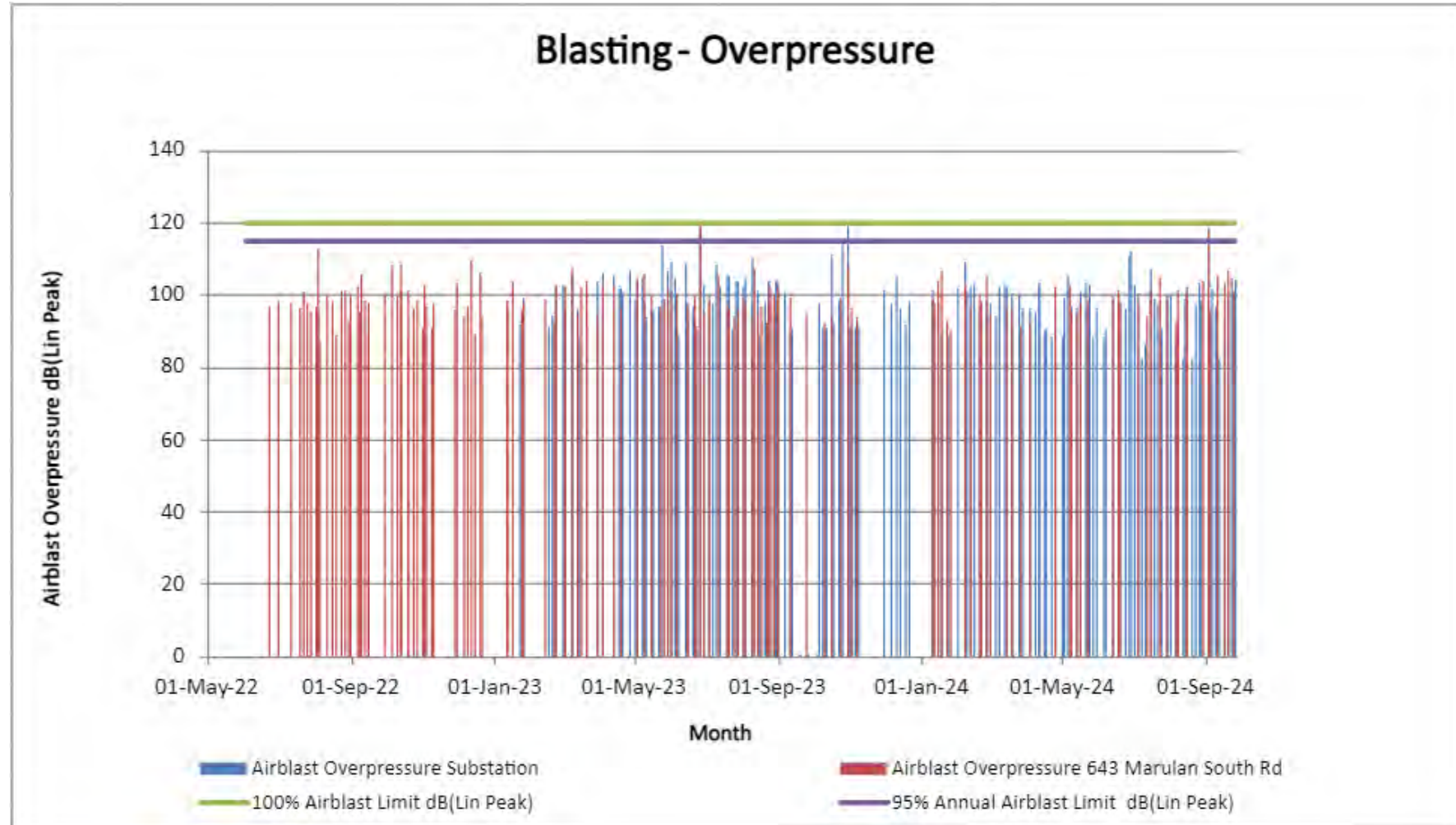
Next round due 9th December 2024.

Blasting - Ground Vibration



In Compliance

Blasting – Overpressure



In Compliance

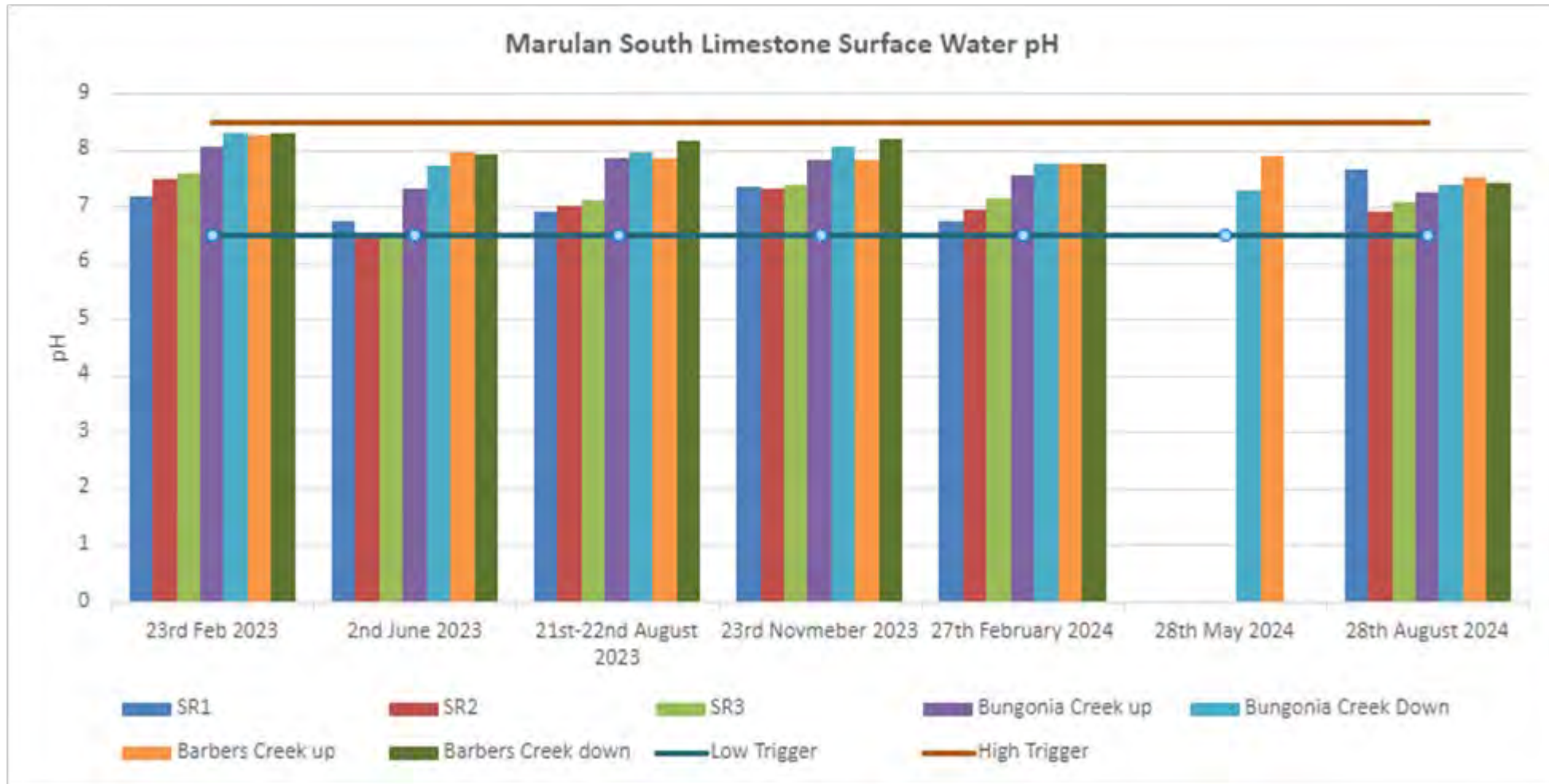
Surface Water



Quarterly monitoring round undertaken Feb, June, August and November 2024,

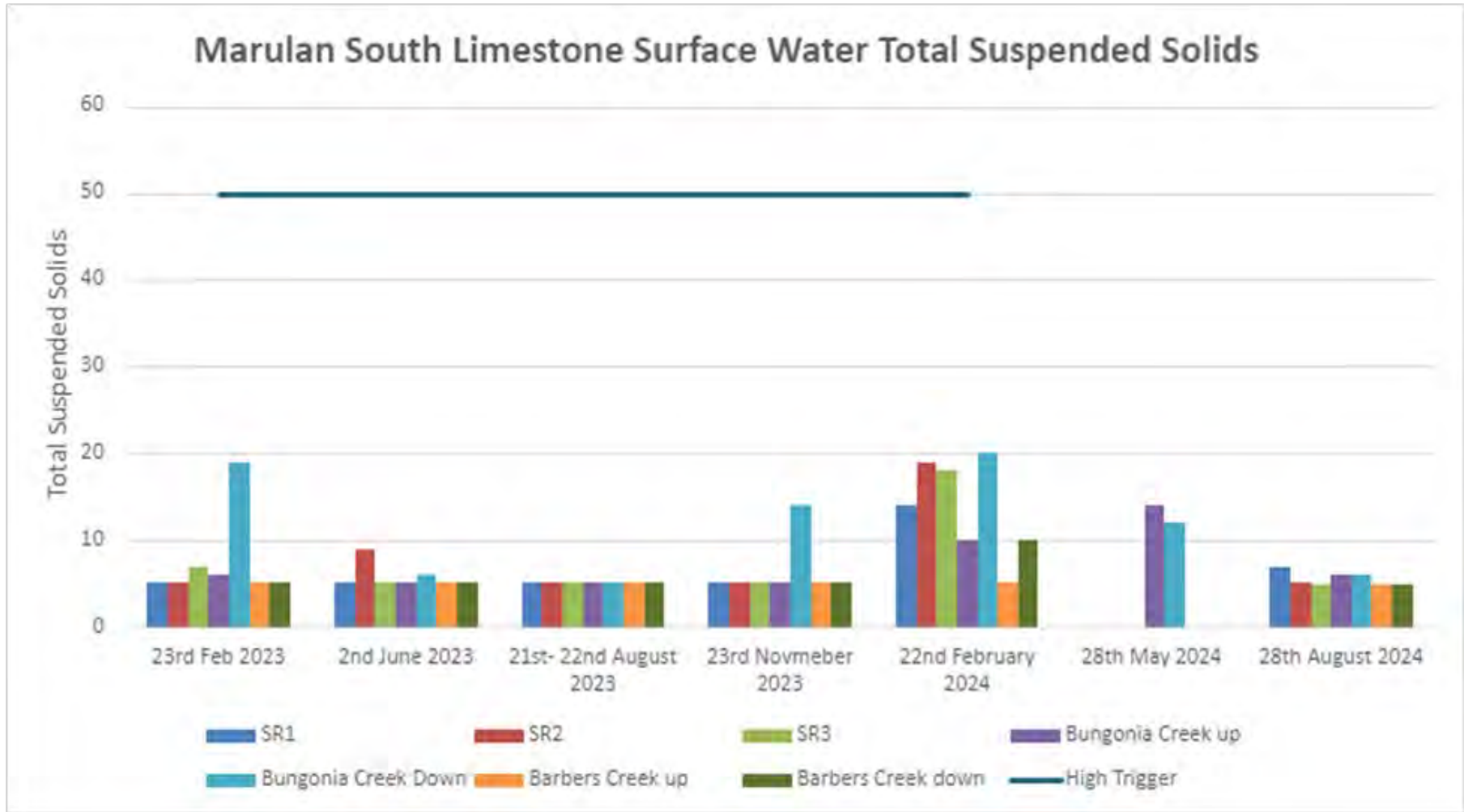
No issues with water supply or quality over the last 5 months since the last CCC meeting, November's results haven't come in yet.

Surface water - pH



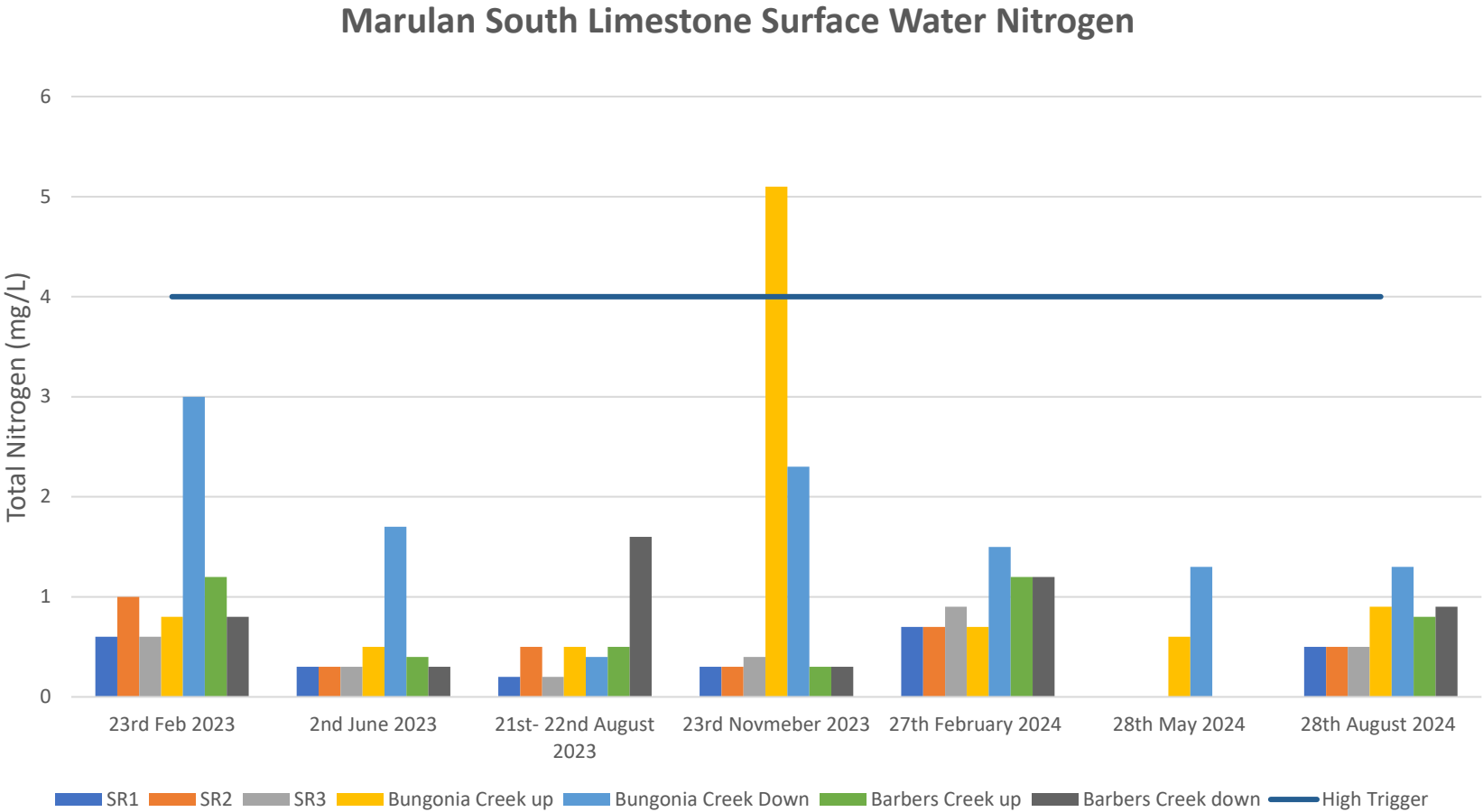
Within guideline limits

Surface water – Total Suspended Solids



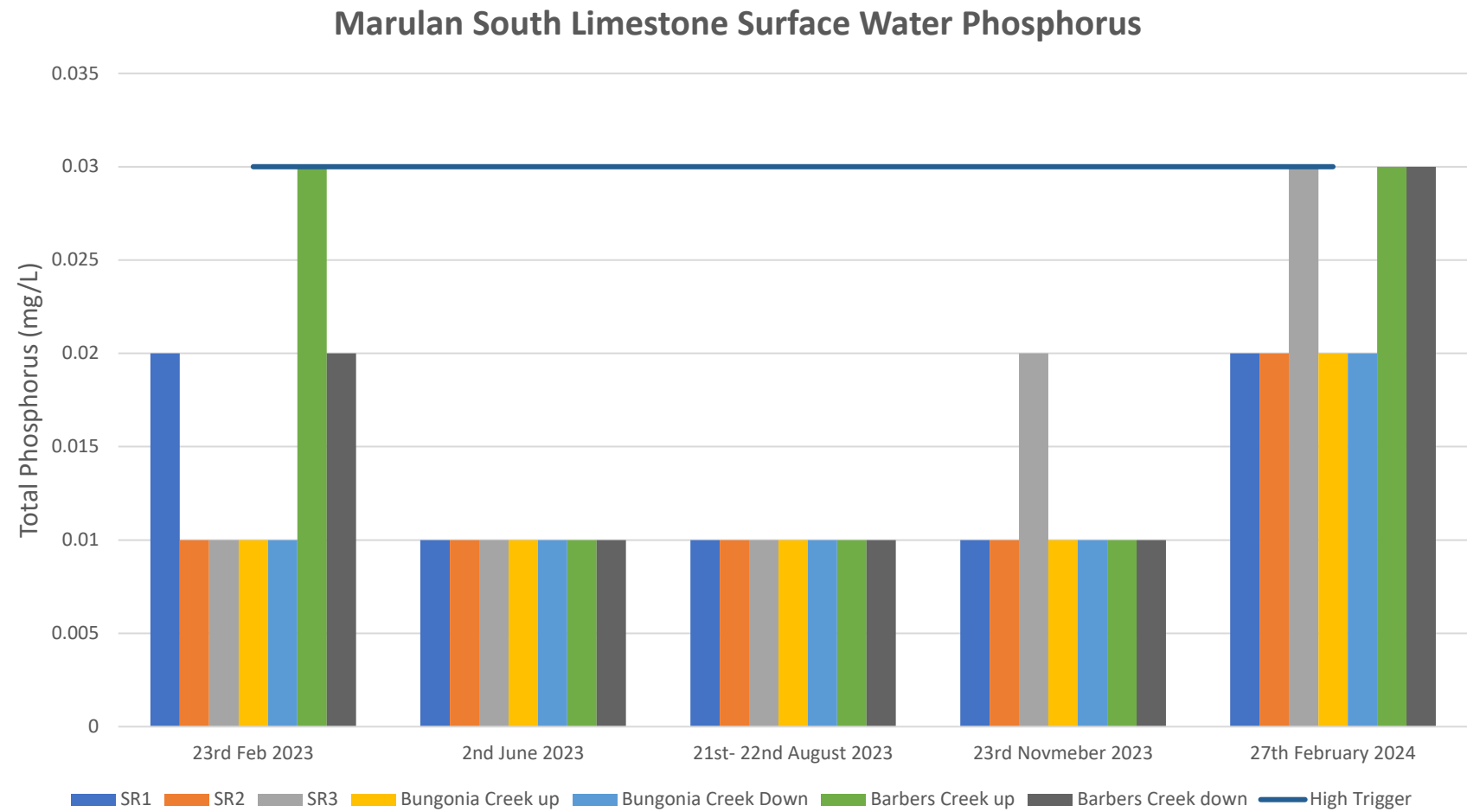
Within guideline limits

Surface water – Nitrogen



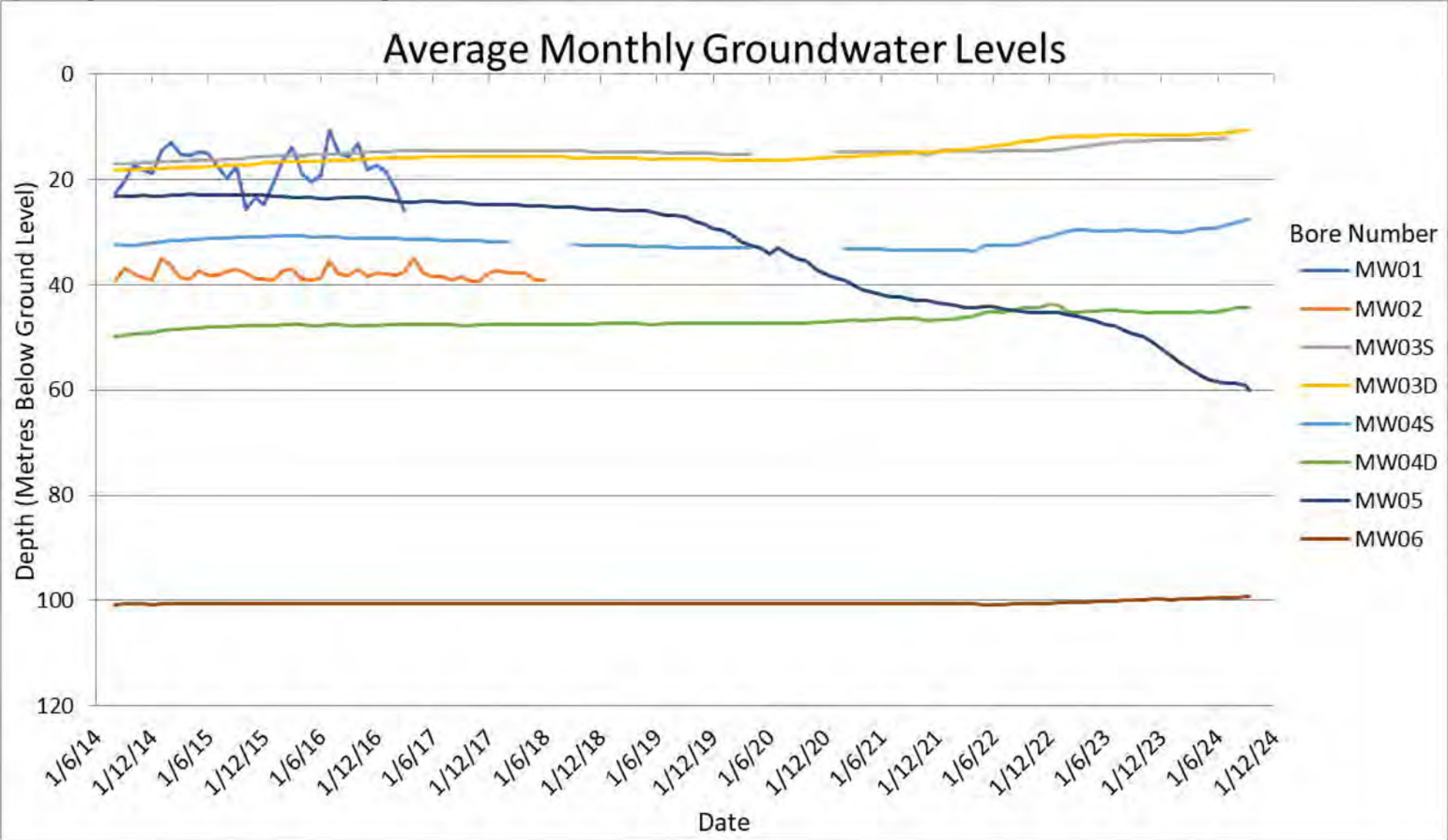
Within guideline limits

Surface water – Phosphorus



Within guideline limits

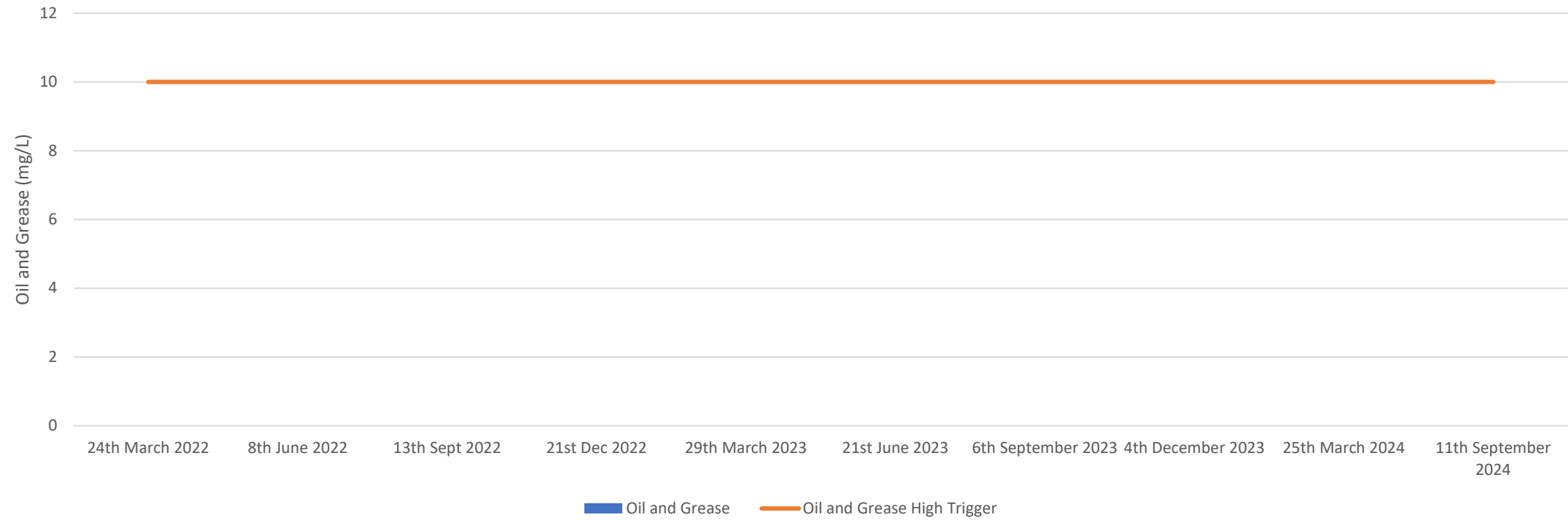
Ground water



Ground water

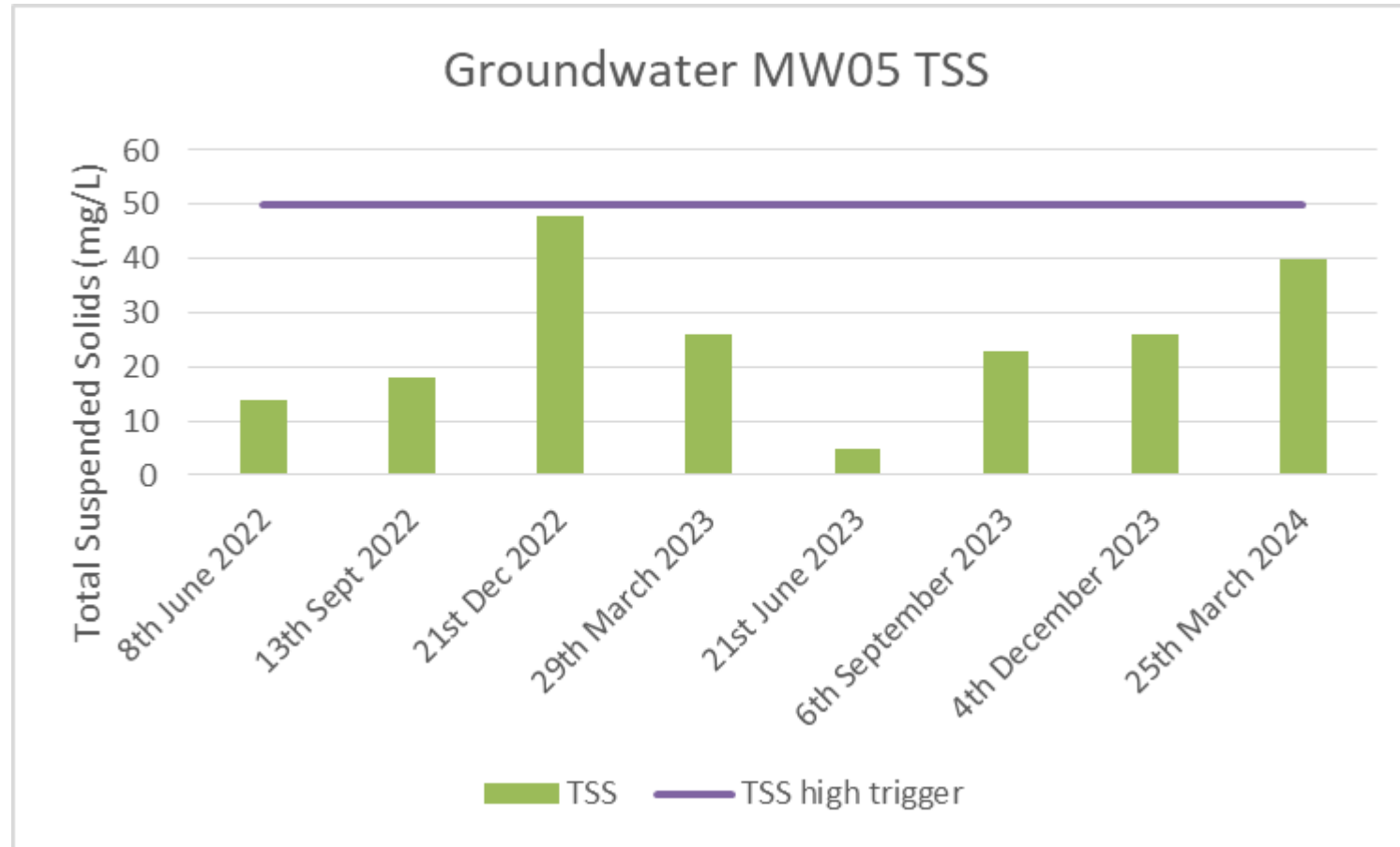


Groundwater MW05 Oil and Grease



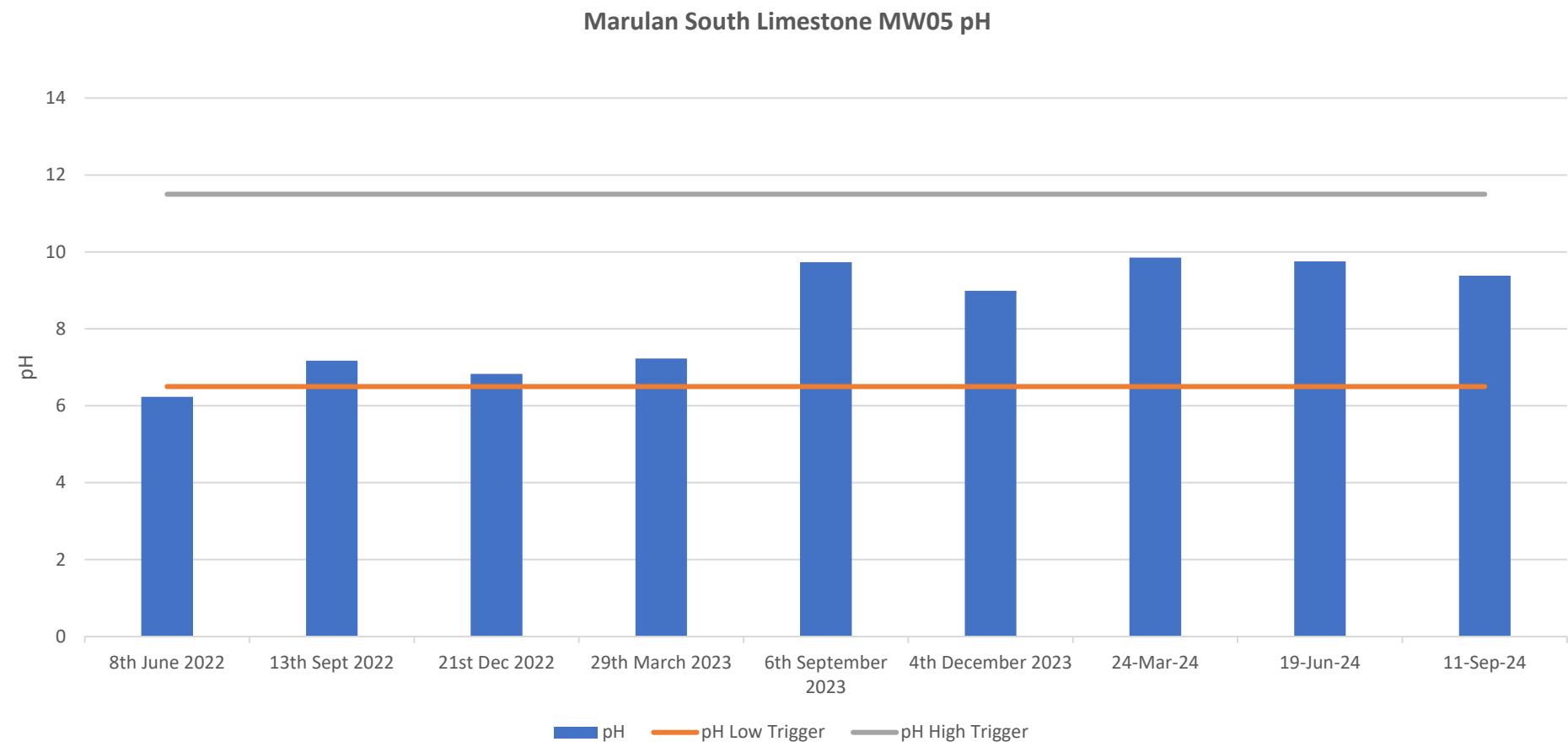
Within Guideline Limits: No oil and Grease detected

Ground water



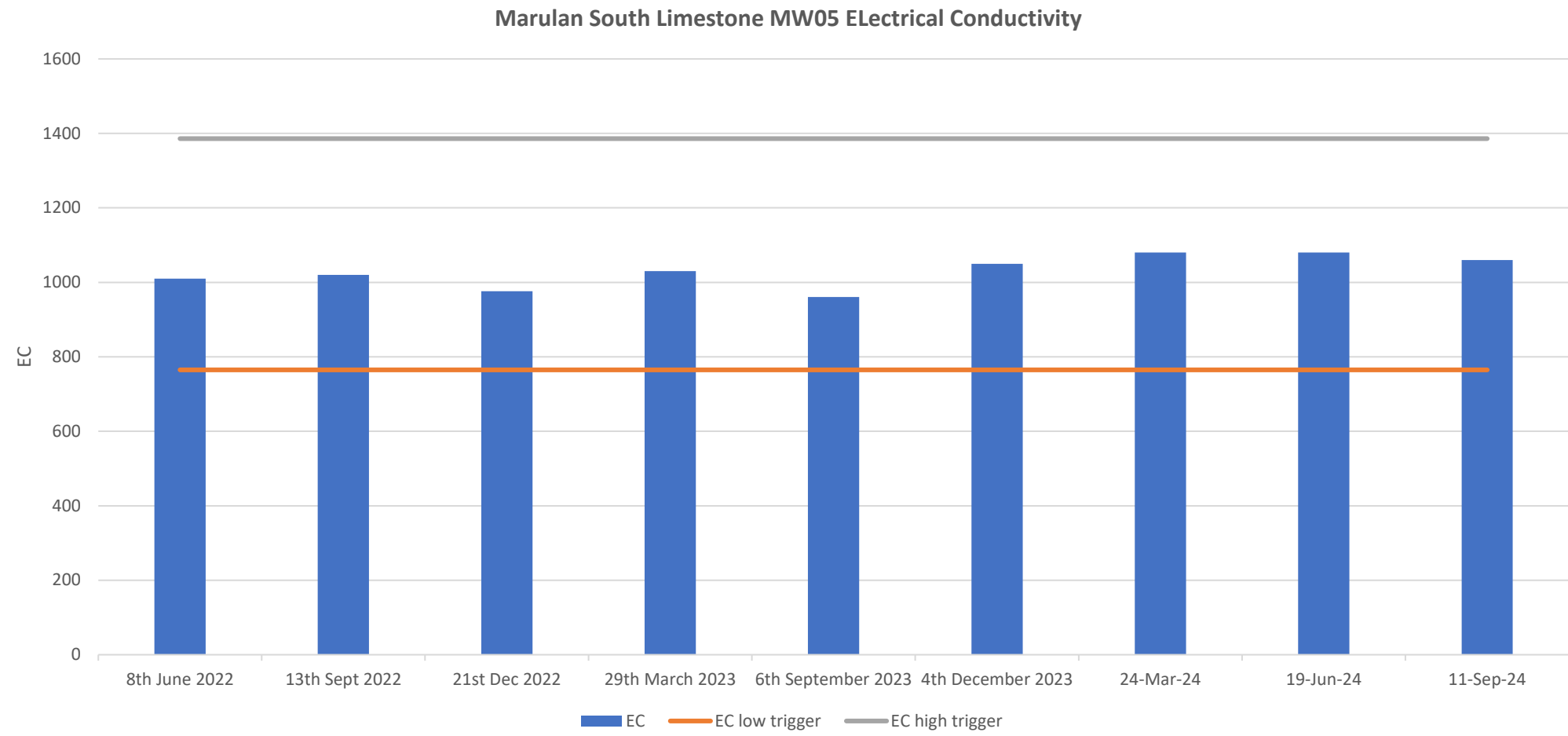
Within guideline limits

Ground water



Within guideline limits

Ground water



Within guideline limits

Ecology

- Aquatic Baseline Monitoring
- Planting in rehabilitation areas



Ground Disturbance and Rehabilitation



07

Stakeholder Engagement



Building
something
great

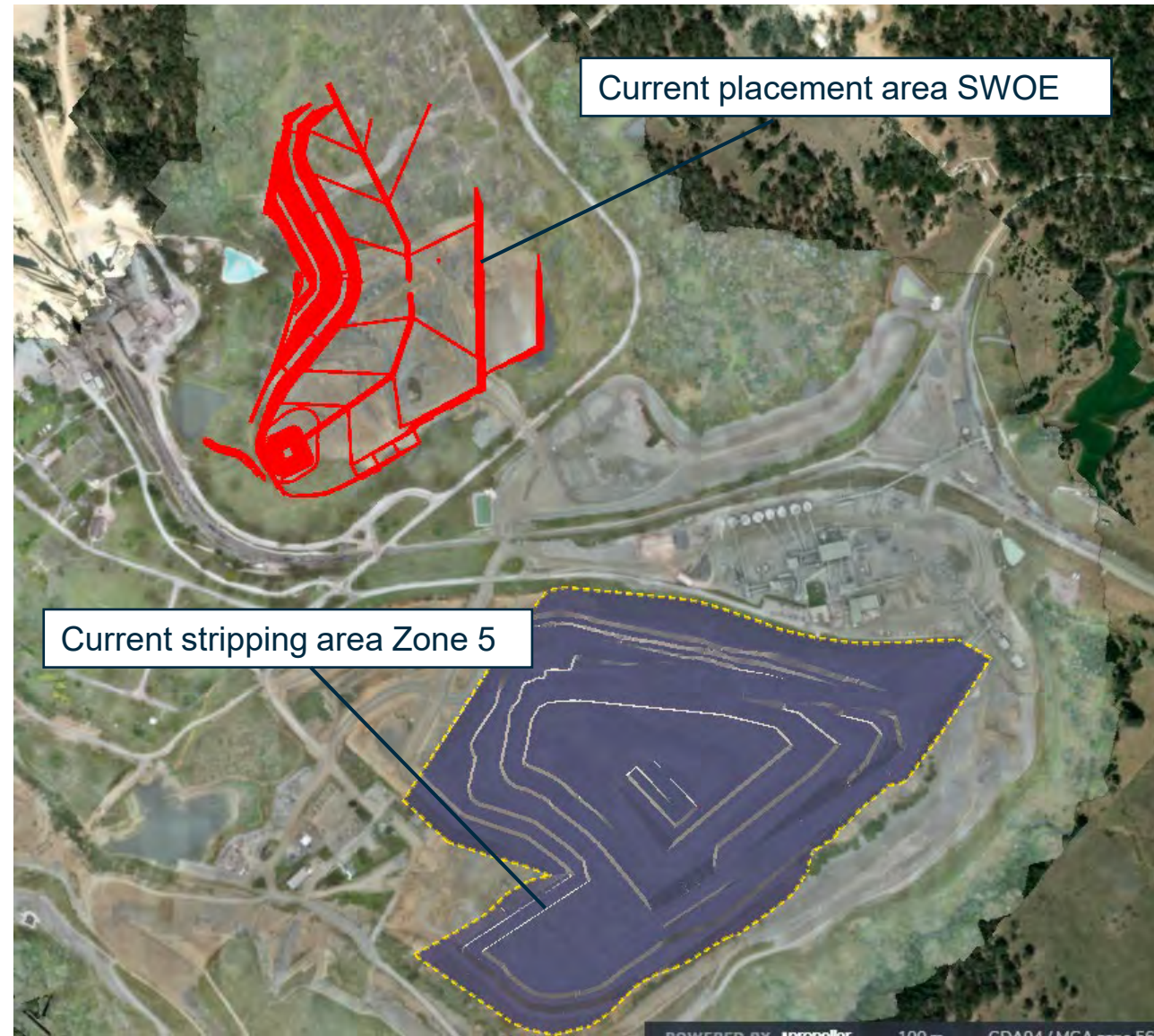
COMMUNITY

- Sponsorship of Goulburn Mulwaree Council Bike Ride
- Tallong Apple Day volunteering and sponsorship



08

Operations
Next 3 months





Peppertree Quarry

Safety & Culture

Continue with monthly Boral safety campaigns

Bimonthly environment training to be commenced

Overburden

No further works for the current time

Pit Update

Tip bin installation will be complete. Production to continue

Looking ahead, we are beginning to investigate the long-term future of Peppertree's hard rock resource, particularly the significant granodiorite resource on Boral's landholdings north, between Tangerang and Marulan Creek. We are in the early stages of planning and will provide more detail as investigations progress.

Processing (STQ)

Continue to supply aggregates and sand to Sydney metro.

Due to forecasted demand in housing and infrastructure in Sydney and regional markets we are proposing a modification to Peppertree's approval to increase the production and transport limit for rail dispatch from 3.5 to 5 million tonnes per annum. This will be achieved within existing operating hours and efficiencies gained through plant and maintenance optimisation over recent years. Road transport limits are not proposed to change on what is already approved.

People

All is stable.

Marulan South Limestone



Safety

Annual personal dust monitoring.

Overburden

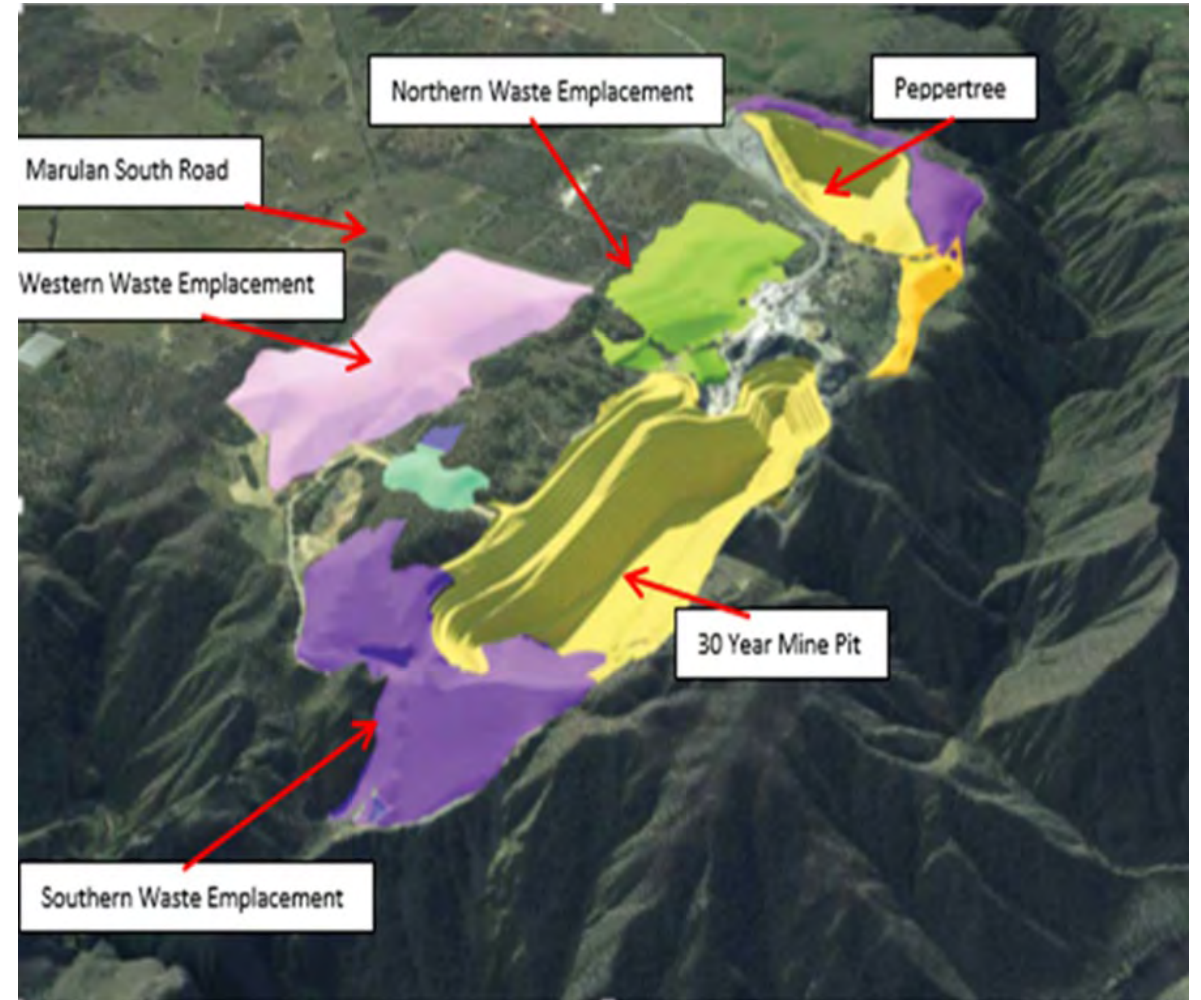
Overburden from the North-East and West of pit continues to be placed in the South and Western overburden emplacements. Overburden removal has commenced in the South Western region of the mine.

Pit Update

Work ongoing to replace some of the ageing process infrastructure. Limestone extraction will continue in the North and Central areas of the pit. The south pit batter is being finalised for rehabilitation.

People

A new Site Manager, Anne-Elisabeth Champon started in August with Les Longhurst due to finish at Boral at the end of December.





09

General Business



Building
something
great



Other : Training workshops for sediment and erosion control undertaken by Limestone Environmental Advisor.

Next meeting

February 2025



Building
something
great

Thanks for your participation

BORAL PEPPERTREE & MARULAN SOUTH LIMESTONE COMMUNITY CONSULTATIVE COMMITTEE

Minutes

Meeting Date: 20 November 2024

Location: Peppertree Office

CCC Members

Attendees: Gordon Kirkby (IBA Urban Planning – Independent Chairperson); Geoff Clark (representing Tallong Community Focus Group);

Boral attendees: IJ Ehighibe (PTQ), Crystal Perry (MSL), Andy Coe (PTQ), Anne-Elisabeth Champon (MSL)

Apologies: Charles Mendel (community representative), Russell Montgomery (community representative) . Goulburn Mulwaree Council has yet to nominate a replacement representative following the Council elections.

Distribution: As above; Department of Planning (ccc@planning.nsw.gov.au); Goulburn Mulwaree Council Administration (amy.crocker@goulburn.nsw.gov.au)

Subject: 20 November 2024 - Meeting of Boral Peppertree Quarry & Marulan South Limestone Mine CCC

| Item | Description |
|--|---|
| Welcome and Introduction | Gordon opened the meeting at 3:05 pm. |
| Apologies | as above |
| Site Inspection | A site inspection was not held. |
| Confirmation of minutes from previous meeting | The Committee accept that the minutes from last meeting were an accurate record of the meeting. |
| Business arising | <ul style="list-style-type: none">GK advised that he had been contacted by the company conducting the Peppertree Quarry Independent Environmental Audit seeking feedback from the CC on any issues that the audit should focus on. GK advised that an email had been sent to the CCC members and no issues were raised by Committee members. This will be conveyed to the Audit team.Clr Peter Walker did not contest the recent local Government elections and therefore a new Council representative for the CCC is required. Goulburn Mulwaree Council has advised that Committee positions will be decided at Council's meeting on 26th November 2024 and the nominated representative will be advised after the meeting. |
| CORRESPONDENCE IN AND OUT | <p>PEPPERTREE Quarry:</p> <p>Department of Planning and Environment</p> <ul style="list-style-type: none">Update of Environmental Management PlansAnnual review submitted and endorsed by DPHIIndependent Audit being conducted <p>DCCEEW</p> <ul style="list-style-type: none">Next box Inspection, Rapid Visual Assessment and Ecological assessment completed |

| | |
|---------------------------------------|---|
| | <ul style="list-style-type: none"> Aboriginal Heritage Meeting <p>EPA</p> <ul style="list-style-type: none"> Submitted EPL Variation Site inspection and EPL audit undertaken as part of 3 yearly review and risk assessment – low risk <p>Resource Regulator</p> <ul style="list-style-type: none"> Health Control Plan review Traffic Management Plan review <p>Goulburn Mulwaree Council</p> <ul style="list-style-type: none"> Nil <p>Geoff Clark</p> <ul style="list-style-type: none"> Weather data reviews – weather station monthly reviews. |
| | <p>MARULAN SOUTH LIMESTONE:</p> <p>Department of Planning and Environment</p> <ul style="list-style-type: none"> October: Limestone reported truck exceedances on two days in September. The incidents were recorded. Looking at installing a real time monitoring system for truck recognition. <p>EPA</p> <ul style="list-style-type: none"> A follow up site inspection for the rehabilitation and remediation of the slip area that was created last year from the historical tip face to the east of the site. <p>Resource Regulator</p> <ul style="list-style-type: none"> Falling objects audit communication post 13th August inspection Separation of vehicles and pedestrians review <p>Biodiversity Conservation Trust</p> <ul style="list-style-type: none"> Informal follow up on fencing, baseline surveys and weed control <p>Goulburn Mulwaree Council</p> <ul style="list-style-type: none"> Work ongoing on designs of upgrade for Marulan South Road. Road upgrade scheduled for Mid-2025 7.11 Contributions finalised <p>Geoff Clark</p> <ul style="list-style-type: none"> Weather data reviews – weather station |
| PROGRESS OF OPERATIONS TO DATE | <p>PEPPERTREE QUARRY</p> <p>Safety</p> <ul style="list-style-type: none"> No LTI/MTI since the last meeting. Safety focus has been on Drugs and Alcohol Policy and Slips, trips and falls. The Boral Say campaign has been commenced <p>Overburden</p> <ul style="list-style-type: none"> Ceased active construction at the end of March 2024. Will recommence potentially in 2025 once we need to expand the pit <p>Pit Update</p> <ul style="list-style-type: none"> The mobile primary crusher was moved to RL525 at the end of May. Tip Bin is being installed to allow greater efficiency in feeding material to the Crusher. It is forecasted that this will result in less blasts. <p>Processing (STQ)</p> <ul style="list-style-type: none"> Production forecast for the FY was achieved <p>People</p> <ul style="list-style-type: none"> IJ working part time. Sharon and Chris filling in. |

| | | |
|---------------------------|--|---|
| | | MARULAN SOUTH LIMESTONE Safety <ul style="list-style-type: none"> A focus on falling objects and emergency response plan training and traffic management Overburden <ul style="list-style-type: none"> Overburden stripping has been progressing at a steady 375,000t/month Limestone Extraction <ul style="list-style-type: none"> Extracting at a rate of 250,000t/month. Installation of trommel screen People <ul style="list-style-type: none"> A new Site Manager, Anne-Elisabeth Champon started in August. Total of 103 employees on site. Engaged five new HME operators. One 50 years service award. |
| ENVIRONMENTAL PERFORMANCE | | PEPPERTREE QUARRY Environmental Incidents (July – Nov 2024) <ul style="list-style-type: none"> Zero incidents: Complaints (July – Nov 2024) <ul style="list-style-type: none"> nil Air Quality <ul style="list-style-type: none"> Dust Deposition Gauges - All results are below the criteria as per the approval PM10, Annual average in compliance at the boundary. All samples in compliance over 24-hour criteria at boundary. TSP in compliance. PM2.5 Annual average increasing over period as operations move closer. Issue of appropriateness of monitoring site given it is now a company owned dwelling. Blasting <ul style="list-style-type: none"> All blasts complied with overpressure and vibration measurement requirements. Noise <ul style="list-style-type: none"> Monitoring was undertaken over the 2nd to the 4th October 2024. Results for the March round are in compliance. Next round due June but waiting on suitable weather. One sensitive receiver has advised they no longer want monitoring at their home – new location has been identified and modelling undertaken Surface water <ul style="list-style-type: none"> Quarterly Water sampling was undertaken in September and will occur again in November. No issues with water supply or quality from the quarterly water sampling rounds. Next round of sampling to be conducted March 2025. Total pH was within guideline for samples Total dissolved solids below guideline for samples with exception of Marulan South Creek and main dam. Turbidity- all June samples above the guidelines due to rain events Total phosphorus - Below guideline for samples except the T1, Marulan South Creek and U1 due to rain events. Total Nitrogen – above guidelines for April and June associated with rain events Environmental Flow - 10% environmental flow required – in compliance. |
| | | |

| | |
|---------------------------------|---|
| Ground water | <ul style="list-style-type: none"> Monitoring conducted in September 2024. Results show no changes to groundwater. Next round of monitoring in December. |
| Heritage | <ul style="list-style-type: none"> Artefact analysis is continuing and final report to be delivered end of December Temporary Scar tree relocation done in November and display still being planned, currently undercover near the P2 dam area. Planning under way for a bush tucker garden at the office Poster display being developed to tell the story of heritage works at Peppertree Black Cockatoo habitat tree planting being planned. |
| Ecology | <ul style="list-style-type: none"> Three-year plan developed for ongoing rehabilitation and maintenance Annual Nest box Inspection and Rapid Visual assessment conducted. Three adult Brush tail possums and two sugar adult Sugar gliders were observed during the inspection confirming the presence of faunas in the HMA. Weed management programmed for this quarter to target serrated tussock and Patersons Curse Planting for Black Cockatoos being planned. |
| Environmental Complaints | <p>MARULAN SOUTH LIMESTONE</p> <ul style="list-style-type: none"> Nil for quarter |
| Air Quality | <ul style="list-style-type: none"> Dust Deposition Gauges - All results are below the goal as per the approval PM10, Annual average & 24 hr in compliance at the boundary. TSP in compliance. PM2.5 - Annual average increasing. 24 hour in compliance. |
| Noise | <ul style="list-style-type: none"> Monitoring was undertaken on 3rd and 4th of July 2024 with results in compliance. Next round due 9th December 2024. |
| Blasting | <ul style="list-style-type: none"> All blasts complied with overpressure and vibration measurements requirements. |
| Surface water | <ul style="list-style-type: none"> Quarterly monitoring round undertaken August and November 2024 No issues with water supply or quality over the last 5 months pH with guidelines limits TSP within guideline limits Nitrogen within guideline limits Phosphorus within guideline limits |
| Ground water | <p>Within guideline limits.</p> |
| Ecology | <ul style="list-style-type: none"> Aquatic Baseline Monitoring Planting in rehabilitation areas |
| Community engagement | <ul style="list-style-type: none"> Sponsorship of Goulburn Mulwaree Council Bike Ride Tallong Apple Day volunteering and sponsorship |

| | |
|---|---|
| <p>Plans for next three months</p> | <p><u>PEPPERTREE QUARRY</u></p> <p>Safety and Culture</p> <ul style="list-style-type: none"> • Continue with monthly Boral safety campaigns • Bi monthly environment training to be commenced <p>Overburden</p> <p>No further works for the current time.</p> <p>Pit Update</p> <p>Tip bin installation will be complete. Production to continue.</p> <p>Looking ahead, PTQ are beginning to investigate the long-term future of Peppertree's hard rock resource, particularly the significant granodiorite resource on Boral's landholdings north, between Tangarang and Marulan Creek. We are in the early stages of planning and will provide more detail as investigations progress.</p> <p>Processing(STQ)</p> <p>Continue to supply aggregates and sand to Sydney metro.</p> <p>Due to forecasted demand in housing and infrastructure in Sydney and regional markets we are proposing a modification to Peppertree's approval to increase the production and transport limit for rail dispatch from 3.5 to 5 million tonnes per annum. This will be achieved within existing operating hours and efficiencies gained through plant and maintenance optimisation over recent years. Road transport limits are not proposed to change on what is already approved.</p> <p>People</p> <p>All stable</p> |
| | <p><u>MARULAN SOUTH LIMESTONE</u></p> <p>Safety</p> <p>Annual personal dust monitoring.</p> <p>Overburden</p> <p>Overburden from the North-East and West of pit continues to be placed in the South and Western overburden emplacements. Clearing for new ground disturbance under the SSD to continue in South Western region of the mine.</p> <p>Pit Update</p> <p>Work ongoing to replace some of the ageing process infrastructure. Limestone extraction will continue in the North and Central areas of the pit. The south pit batter is being finalised for rehabilitation.</p> <p>People</p> <p>A new Site Manager, Anne-Elisabeth Champon started in August with Les Longhurst due to finish at Boral at the end of December.</p> |
| <p>General Business</p> | <ul style="list-style-type: none"> • Les Longhurst will be leaving Boral at the end of December after 16 years with Boral. The Committee expressed their appreciation of his assistance and wished him well for the future. • GC questioned the PM 2.5 Annual Average trend results. Boral advised that measure is a goal only and not a limit in the approval. Notwithstanding this, the Limestone emplacement area is moving towards the monitor location. The Monitor is located at a dwelling now owned by Boral. It may be moved to boundary which may address non compliance. |
| <p>Actions</p> | <ul style="list-style-type: none"> • GK to advise CCC when new Council representative is nominated • GK requested the next CCC meeting include a Limestone Quarry viewing for the benefit of |



| | |
|----------------------|--------------------------------|
| | the new Council representative |
| Next Meeting | 26 February 2025 |
| Meeting Close | 4:15pm |

DRAFT

Appendix C – Community Updates

SOUTHERN SUPER HAULAGE

In 1966, Marulan resident Mr Bob Shepherd, sold his truck business to Mr & Mrs Stan Robinson of Mt Ousley, North Wollongong. At that time Stan owned the trucks that carried the agitators for Specified Concrete. He then had to buy trucks with tippers to cart superphosphate. He called his new venture Southern Super Haulage (SSH) and the depot was based in the main street of Marulan (at that time the Hume Highway) on the site of the present Truckstop 31. The depot consisted of a house and garage, an igloo shaped shed and a petrol bowser. In the late 1960s, a weighbridge and a much larger shed workshop was erected which is still there.

The Government of the day was subsidising the price of super, consequently, business was booming as property owners took advantage of the monetary savings. The super was imported from the Island of Nauru and was stored at Port Kembla. The trucks came from everywhere and the queues at the terminal were miles long as the drivers patiently waited to be loaded. Two of the Marulan based truck drivers would leave at 1.30am, driving to Port Kembla down Macquarie Pass to get to the terminal queue early. Eventually, almost thirty trucks were working for SSH, with the loads going to many destinations, some being Braidwood, Araluen, Yass, Gunning, Taralga, Crookwell, Burrawang, Kangaroo Valley, Goulburn and all places in between! Local agents organised the loads. Mr Doug Southwell at Gunning and Mr Charles Bradbury at Taralga were involved. On the land behind the Truckstop building trees and scrub were cleared and the super was stockpiled. Later, the large corrugated shed in the corner was built to house the super. Huge yellow plastic tarpaulins covered the stockpiles and they were held down with old tyres. There were no mobile phones during this era and many times the drivers had to walk miles for help for mishaps such break downs or were bogged, etc. They all reported that the land owners were always so pleased to see them when they arrived with the super, and only too happy to stand and have a chat or a "cuppa".

A fair bit of the spreading was done by air where the land was particularly steep or heavily timbered. Stan's business lasted eleven years and some of the drivers were Billy Rowley, Billy Smith, Dick Robertson, Robert Wood-Davies, Bill Pender, Nat Waters, Ross and Fred Missingham, Harold Scott, Brian Parsons, Messrs Rudd and Madden (names unknown – can anyone help?) Johnnie McKellar, Jimmy Wilkins, Paul Humphries, Mick Cabot and Malcolm Hair. Mr Bruce Hale, one of the principals of Marulan Truck and Bus, remembers coming to work on the SSH trucks. He was then a young mechanic based in Lansvale. Dawn Transport from Moss Vale also delivered super locally. Local lad, Jimmy Woodward was employed full time as a mechanic. When the Government subsidy was abolished on super, the cartage reduced considerably. The SSH trucks were then used to cart lime, gravel, road base, coal and grain. The use of dog trailers enabled them to cart heavier loads. Loads of lime were also taken to the CSR works at Port Botany, Sydney and Fifield in Central NSW. The business was sold to Western Gold and they sold to Heggies. The late Mr Malcolm Biddlecome later bought the site and Truckstop 31 was born.

Footnote – Many older residents will remember that Bob Shepherd's wife was Kath Shepherd, a very popular and long time teacher at Marulan Public School.

Story by Marie Pender



Left – "The Old Grey Fergie" – nearly all farmers had one, which pulled all the farm machinery



Above – Ron Brewer with his Fergie and super spreader – took a long time to spread a truckload



Above – spreading lime

MARULAN

Truck & Bus

- Truck and Bus Repairs
- Coach Hire
- Spare Parts – Oil and Filter Sales

So please drop in or call and ask about your requirements.

**Corner George & Brayton Road,
MARULAN**

Telephone: 48 411 633

www.marulantruckandbus.com.au



Boral's Marulan South Operations is pleased to present our valued neighbours and community with this regular update.

Connect with Boral Marulan South

Quarry: 4841 1701
Limestone: 4820 3003
Email: feedback@boral.com.au
Environment (Quarry): 4841 1701
Hours: 24 hours – see website.



RFS

Visits Marulan South Operations

Thank you to the Marulan RFS who visited the Boral Marulan South Operations this month to review the sites Bushfire Management Plan and preparedness coming into the bushfire season.

Outside of work and in our homes, it is important to be bush fire ready with a bushfire survival plan.

Four simple steps include;

- Discuss what to do if a bushfire threatens your home
- Prepare your home and get it ready for bushfire season

- Know the bushfire alert levels
- Keep up to date with all bush fire information number, websites, and apps.

Making a plan can take as little as five minutes at www.myfireplan.com.au with more details available on the RFS.

Stay safe and we wish you a happy holiday season.

Goulburn Community Bike Ride

Marulan South Operations are proud to support the community bike ride which took place in November and is a great initiative for the community and with proceeds from the day going towards the Men's Shed.

THANK YOU

Boral and the Marulan Community wholeheartedly thank the Marulan, Wingello, Bundanoon and Goulburn Brigades who attended the fire behind the Meridian Café, 28th January. Their hard work prevented a potential spread of the fire to surrounding properties.

The Marulan RFS is always recruiting new members. If you are interested in joining the brigade, they meet every Tuesday at 7pm at the station (cnr Goulburn St and Portland Ave).



'HEALTHY LIVING' EXERCISE GROUPS



Local Physiotherapy Clinic
Launches Innovative Group
Exercise Classes to Foster
Community Health and
Wellbeing

Offering a unique blend of professional physiotherapy guidance and community spirit, Highland Physios' new group exercise classes aim to make fitness accessible and enjoyable for all. Highland Physios has been practicing at Marulan Medical centre for over 2 years. After numerous requests for gym and exercise classes in the community, we have decided to commence tailored exercise classes run by expert Physios. We will be able to guide you towards your fitness goals regardless of your disability, illness, or injury that you are concerned about.

Are you ready to unlock your full potential? To step into a version of yourself that's energized, stronger, and fully alive?

Join our Group Exercise Classes at the Marulan Hall! It's not just about moving—it's about improving, achieving, and thriving together.

Why Join Us? - Be part of a community that cheers for every step you take. - Get expert guidance from physiotherapists who care. - Embrace a healthier lifestyle that feels good and right for YOU. This is your moment—your journey to wellness begins here and now. And the best part? You're not alone.

SPECIAL OFFER: Bring a friend and discover the joy of growing stronger together. Plus, a free Physiotherapy consultation for any of your pain or mobility concerns.

Remember, this group is open to ages above 30 years who are keen to maintain their healthy lifestyle, who are keen on starting their fitness regime, or those who need extra motivation to take this big decision of EXERCISING. Groups will be segregated later, if need be, to ensure person-centred goal-focused exercises.

Head to our website at www.highlandphysios.com.au and register your interest right now, or simply call 0481 373 302 to get the registration forms. Bookings subject to availability.

All Saints Anglican Church

Easter Sunday Morning Prayer Service

Sunday 31st March, 9am

Everyone welcome -

no matter your denomination or beliefs, celebrate with us.



HOME BASE

Thinking of buying or selling property ?

FIND YOUR HOMEBASE can help.

Ring Todd 0414 240 900



Boral's Marulan South Operations is pleased to present our valued neighbours and community with this regular update.

Connect with Boral Marulan South

Quarry: 4841 1701
Limestone: 4820 3003
Email: feedback@boral.com.au
Environment (Quarry): 4841 1701
Hours: 24 hours – see website.



Sydney Metro West Project

A big shout out to our teams currently operating the 3x precast plants 24 hours a day 6 days a week supplying concrete for the Sydney Metro West Project, a twin 24km underground metro railway which will double rail capacity between Parramatta and the Sydney CBD.

The facility located at Eastern Creek is impressive to say the least, with tunnel industry experts touting it as a world first (3 Plants supplying 1 tunnel) and unlikely to be seen again.

A total of 228,723m³ of concrete will be supplied to produce 151,230 concrete segments used to line the tunnels.



**Building
something
great**

Join us
ON OUR JOURNEY TO HEALTHY LIVING

Group Exercise Classes to fit all ages
Marulan Medical Center
Book online at highlandphysios.com.au
or call us on 0481373302

ALL FITNESS LEVELS & ABILITIES WELCOME

BUSINESS NEWS

Despite there being many vacant, closed or occasionally opened shops in Marulan, some advances are happening. The Marulan Butchers is getting a face lift. This lovely old building has been a Marulan fixture since before the 1900s, the photo below taken c 1910



Land size: 115 acres



Land size: 24 acres



Land size: 1,695 sqm

The Caltex Service Station on the corner of Brayton Road and George Street is progressing smartly and hopefully will be completed in the "next couple of months" according to one of the spokesmen.



And last but certainly not least - I have it on good authority that the Chemist/Lotto shop hopes to have moved to its new location in the IGA Complex by the end of April. Shelving is going in at the time of publishing. It seems that we have been waiting forever.....

R&W

For Sale

Presenting properties for sale that we are featuring this April issue. Each one a unique opportunity for the astute purchaser.

1. 26 Tallawa Road, Tallong (115 acres)
2. 5 Bullus Place, Boxers Creek (24 acres)
3. 88 Caoura Road, Tallong (1,695m2)

Contact Debbie or Brad for information about these properties and to schedule an inspection.

Debbie Carey 0432 410 410

Brad Carey 0432 098 019

Richardson&Wrench Goulburn/Marulan
02 9054 3802 | goulburn.randw.com.au



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Peppertree's Mammoth Safety Milestone

Peppertree Quarry have achieved three years lost time injury free.

Congratulations to all of our teammates at Peppertree Quarry for focusing on Safety in the work they do everyday and working together to achieve three years without a single lost-time injury!

An incredible achievement in its own right, and while there will be sites that have had longer injury free stretches, not many record over 20,000 work hours per month.

The site moves in excess of 5 million tonnes of Granite materials every year-

and through a range of conditions whether it's the high-risk work during the Christmas shutdown period or the -7°C temperatures and snowfall while working outside in the elements.

"Our goal of Zero Harm is a high bar; one that requires a constant focus on the things we need to get better at. It's worth celebrating when we achieve significant steps forward- not because we're done- but to celebrate what we can do." Lloyd Wallace: EGM Concrete & Quarries NSW



Building something great



**Building
something
great**

Boral's Marulan South Operations is pleased to present our valued neighbours and community with this regular update.

EPA CEO Visit

Recently Marulan South Limestone played host to the NSW Environment Protection Authority CEO Tony Chappel. Tony was joined by Boral CEO Vik Bansal for a tour of the Marulan South Limestone operations. During the visit a presentation of the sites complexity and a tour of the operations was given.



New and Old Faces

Many of our community members would have met U Ehighibe, the stakeholder and environment advisor at Peppertree Quarry over the past year. U has taken maternity leave, whilst U is on maternity leave, "old faces" Sharon and Chris will be supporting the Peppertree Quarry operations.

Please join us in welcoming Crystal Perry to the Marulan South Limestone operations as Stakeholder and Environment Advisor. Therese Thomas has handed

over the reins to Crystal as she embarks on a new journey as the site engineer.

Lighting Up Bungonia RFS

Recently Marulan South Limestone were able to support the Bungonia Rural Fire Service through a donation of 4 flood lights. Terry Lewis mentioned he was very happy with the outcome!

Underwater Ecology

Did you know that bugs are just as important in water as they are on land? Marulan South Limestone have recently undertaken an aquatic ecological study showing how alive our waterways are.



Hydromulching

Peppertree has just completed another round of hydro mulching, covering 26 000m². This mammoth effort took 5 days to complete, using a cover crop of rye corn and oats, with some natives hopefully popping up in spring!

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| | |
|-----------------------|--|
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To all Marulan and District residents and especially to the Messenger's Readers, wishing you safe and Happy Festive Season and a Very Merry Christmas and Happy New Year



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Big tyres making a big difference

Tyres used in our quarry operations are joining the circular economy, with their rubber being used in local roads as part of a trial by Queensland's Sunshine Coast Council. Known as off-the-road (OTR) tyres, this type of tyre is generally from large-scale vehicles such as dump trucks and loaders used on mining and construction sites with no roads.

Together with the Sunshine Coast Council, the Australian Flexible Pavement Association and Tyre Stewardship Australia we trailed the use of rubber binder from OTR tyres and asphalt to test for optimum performance in different traffic conditions. Boral bought steel reserves from the nearby British Naval Store yards, that had been stockpiled during the war (for military ships and submarines) and re-rolled them to use as storage tanks.

Boral Supporting Community Events

Boral was proud to support the Tallong Apple Day and the Goulburn Mulwaree Council Community bike ride which focuses on road safety. Both were fantastic days,

and we look forward to assisting with these events again in 2025

The Way Forward for Peppertree Quarry

Looking ahead, we are beginning to investigate the long-term future of Peppertree's hard rock resources, particularly the significant granodiorite resource on Boral's landholdings north, between Tangarang and Marulan Creek. We are early stages of planning and will provide more detail as investigations progress.

Due to forecasted demand in housing and infrastructure in Sydney and regional markets we are proposing a modification to Peppertree's approval to increase the production and transport limit for rail dispatch from 3.5 to 5 million tonnes per annum.

This will be achieved within existing operating hours and efficiencies gained through plant and maintenance optimisation over recent years. Road transport limits are not proposed to change on what is already approved.

To all Marulan and District residents and especially to the Messenger's Readers, wishing you safe and Happy Festive Season and a Very Merry Christmas and Happy New Year.



Goulburn Mulwaree Council community bike ride