

A photograph of a city skyline at dusk or dawn, with various skyscrapers and buildings. The sky is a mix of blue and orange. In the foreground, there's a dark, semi-transparent rectangular box containing text.

Community Consultative Committee

Peppertree Quarry

October 2021

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
7. Stakeholder Engagement
8. Plans for the next 3 months
9. General Business
10. Next meetings - December 2021



01

Welcome and apologies



02

Confirmation of minutes



03

Business arising

- Nature of the PM2.5 particles to be defined
- Update on weather station changes



04

Correspondence
June – Sept 2021



Department of Planning, Industry and Environment

Approval of consultant for Independent Audit

Water management plan issued for comment – Water NSW, DPIE Water, EPA and NRAR

Modification 7 approval

Request and approval to move product by road due to COVID restrictions

EPA - complaint re noise

Resource Regulator

Covid audit / Mechanical Fire and Explosion audit / Electrical Fire and Explosion Audit

Goulburn Mulwaree Council

draft Biodiversity and landscape management plan issued for comment

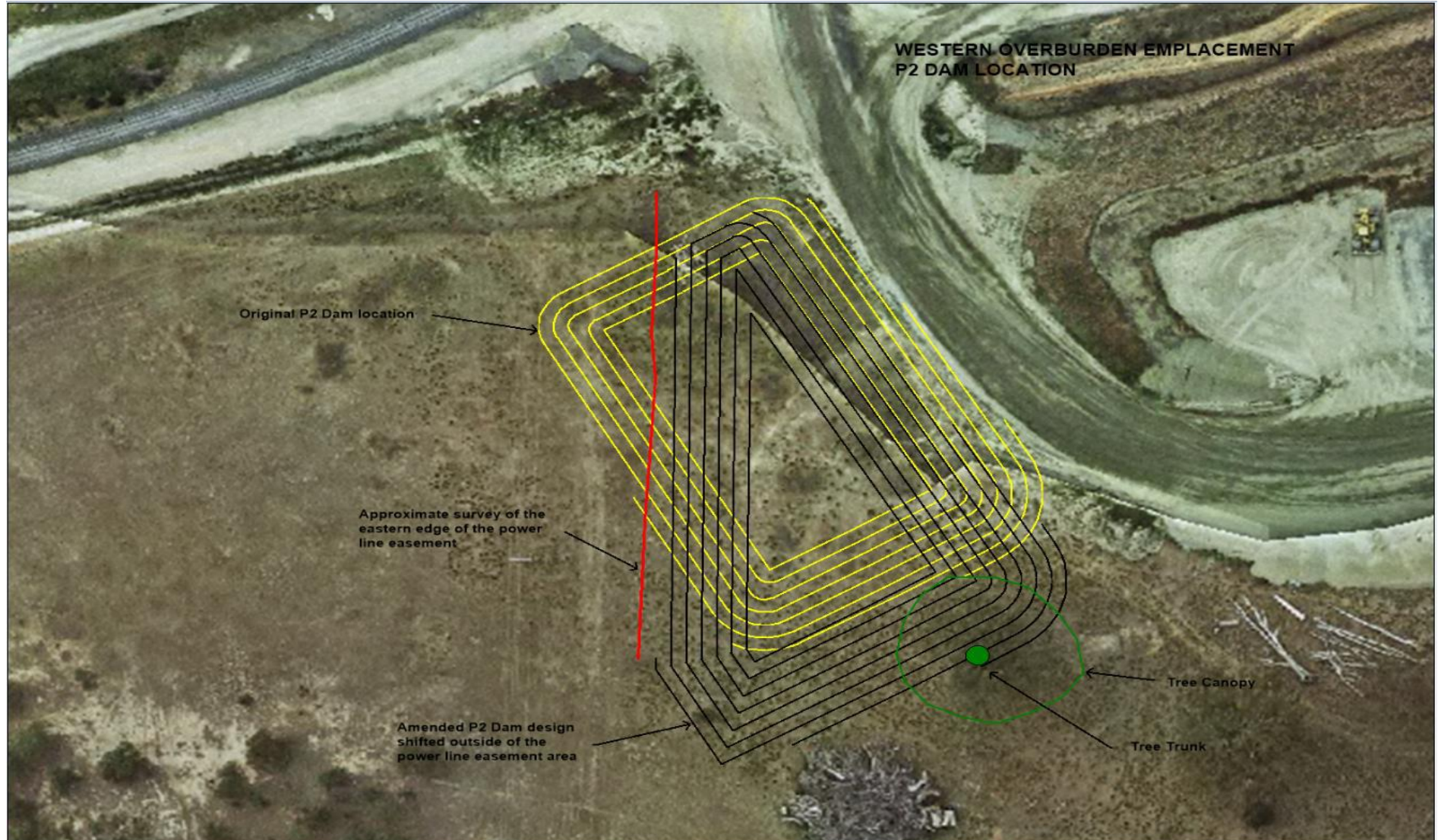
Biodiversity Conservation Department

draft Biodiversity and landscape management plan issued for comment

Geoff Clark

weather data reviews – weather station monthly reviews

Modification 7



05

Operations
Past 3 months



Safety

Focus on COVID protocols (split crews, cleaning, Public health order requirements)

Overburden

Pre works commenced.

Pit Update

Load and haul contract has commenced in the pit to move rock from the drop cut to the in pit crusher. Will be completed in Dec 21

Processing (STQ)

production continuing

Reduced hours of operation due to COVID and restrictions in Construction industry

People

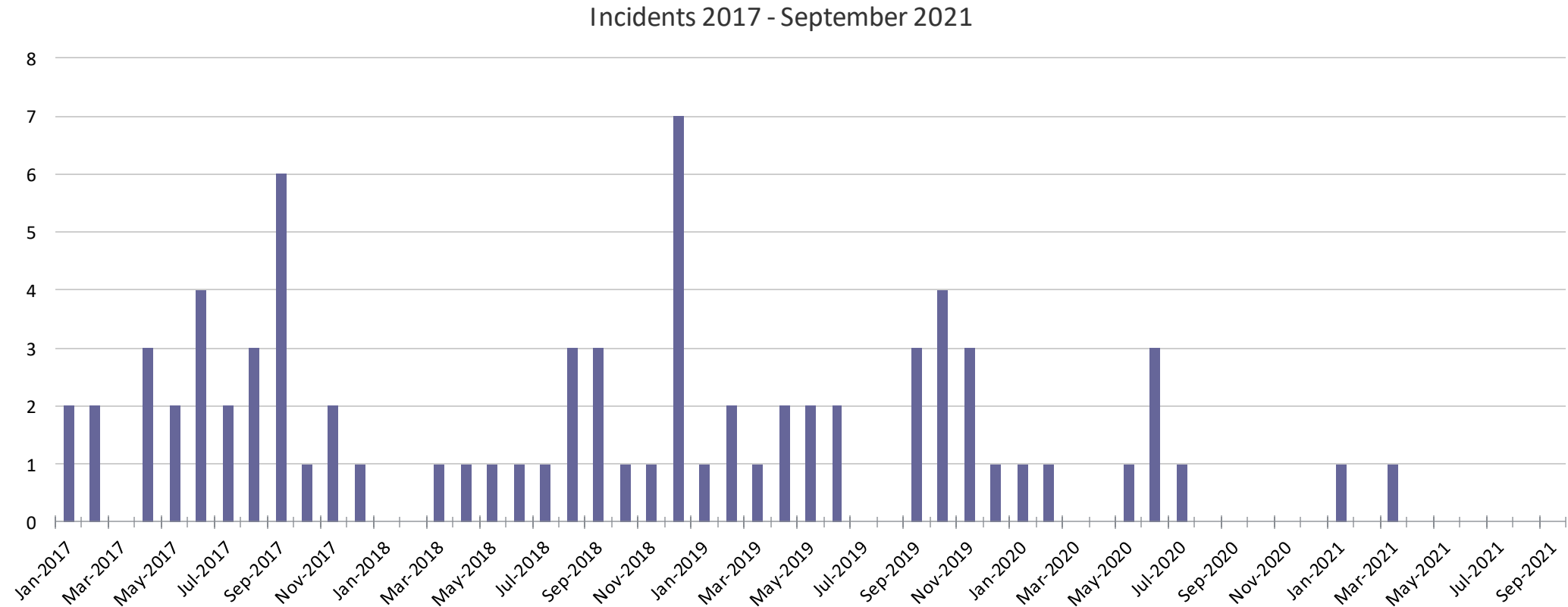
Recruitment under way for Production manager, Superintendent, trainer and Environment advisor

06

Environmental Performance



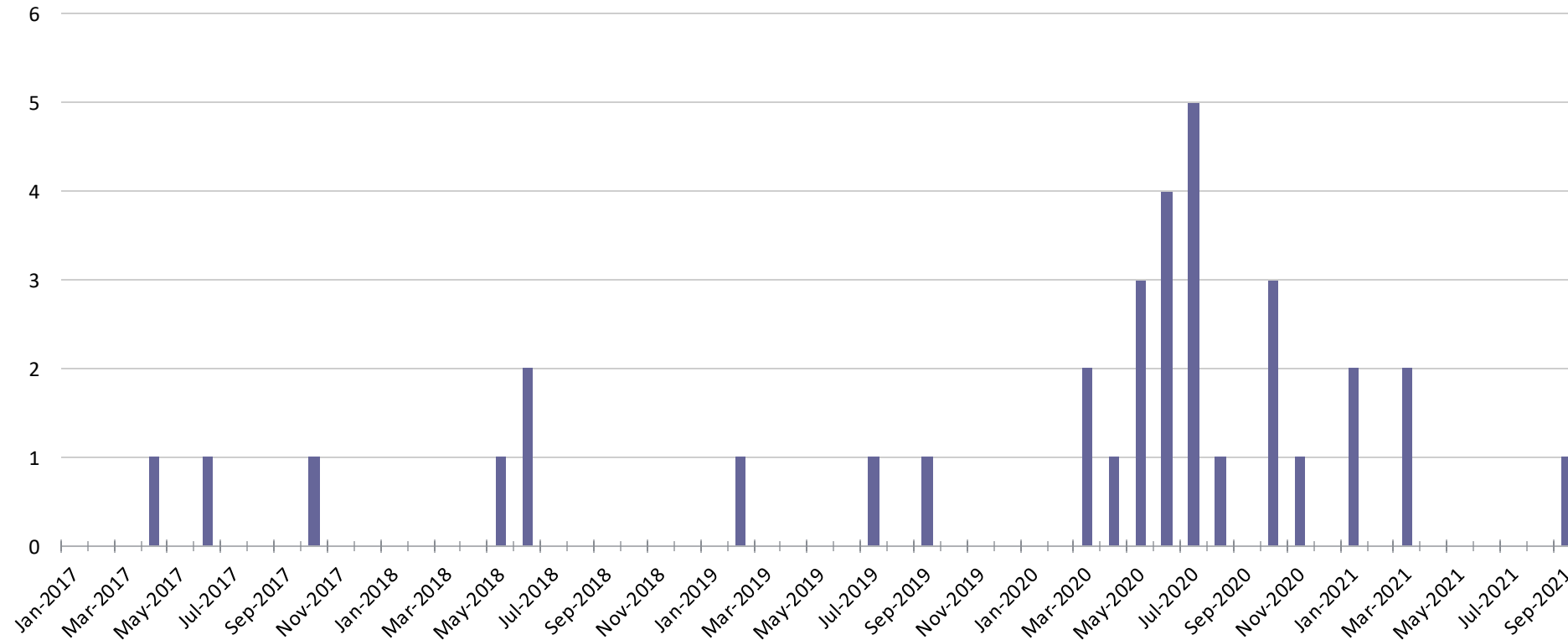
Environmental Incidents June to Sept 2021



> June – nil July - nil August – nil September – nil

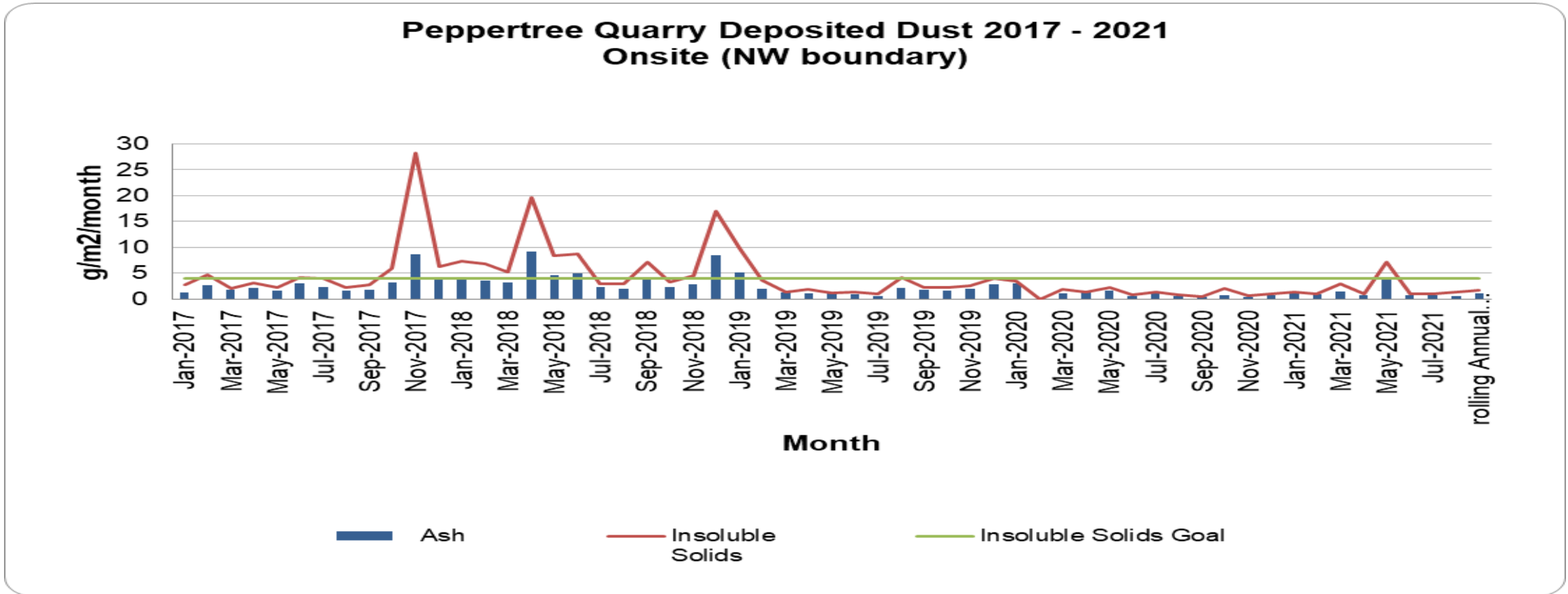
Environmental Complaints July to Sept 2021

Complaints 2017 to September 2021



> June – nil July - nil August – nil September – 1 – noise

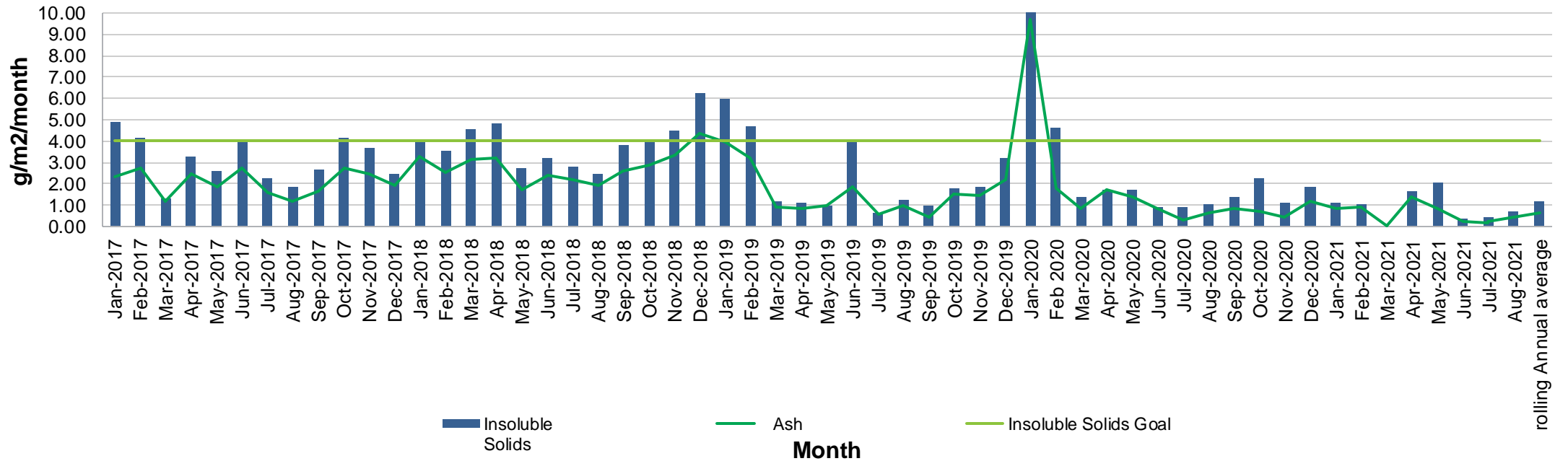
Air – Dust deposition Gauge D1



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 - 2021
683 Marulan South Road

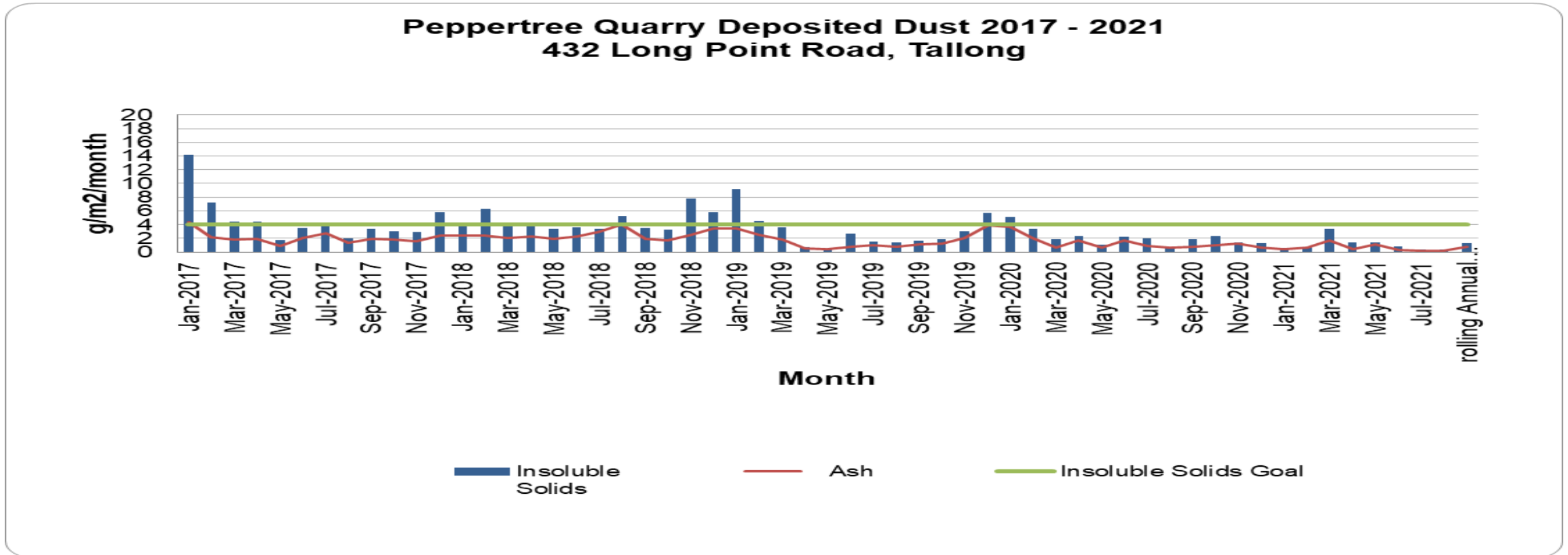


Annual Average goal of 4gm2/month

In compliance

Annual average below goal at the boundary

Air – Dust Deposition gauge D3

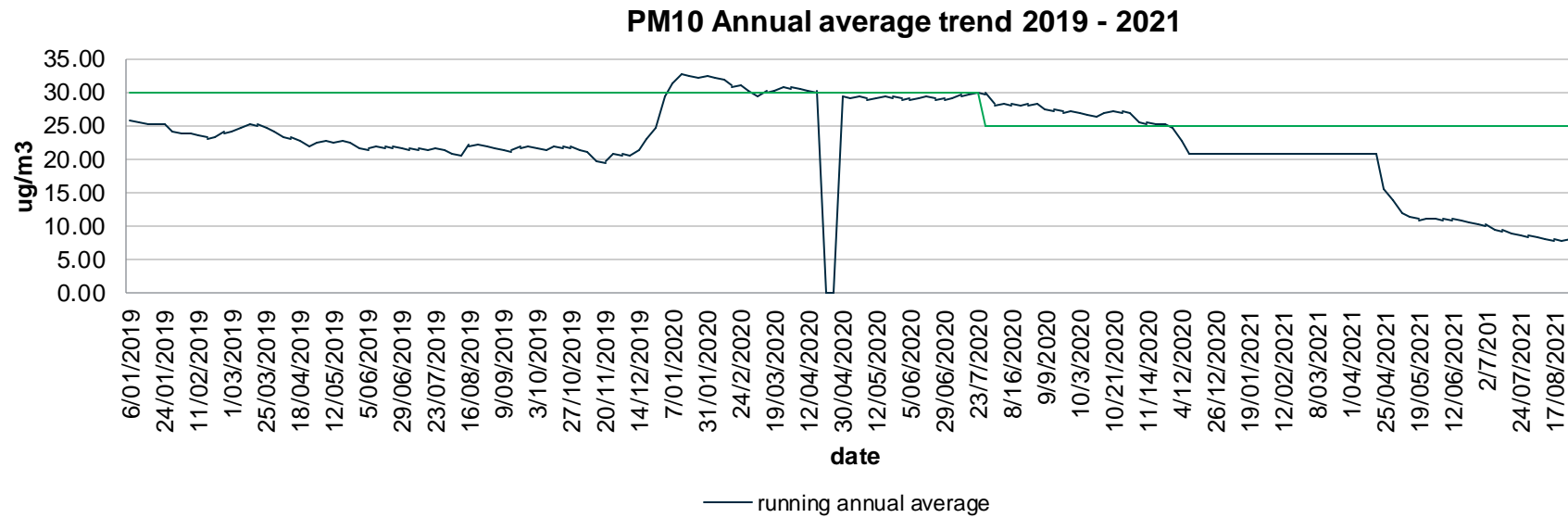


Annual Average goal of 4gm²/month

In compliance

Annual average below goal at the boundary

Air – PM10 annual average

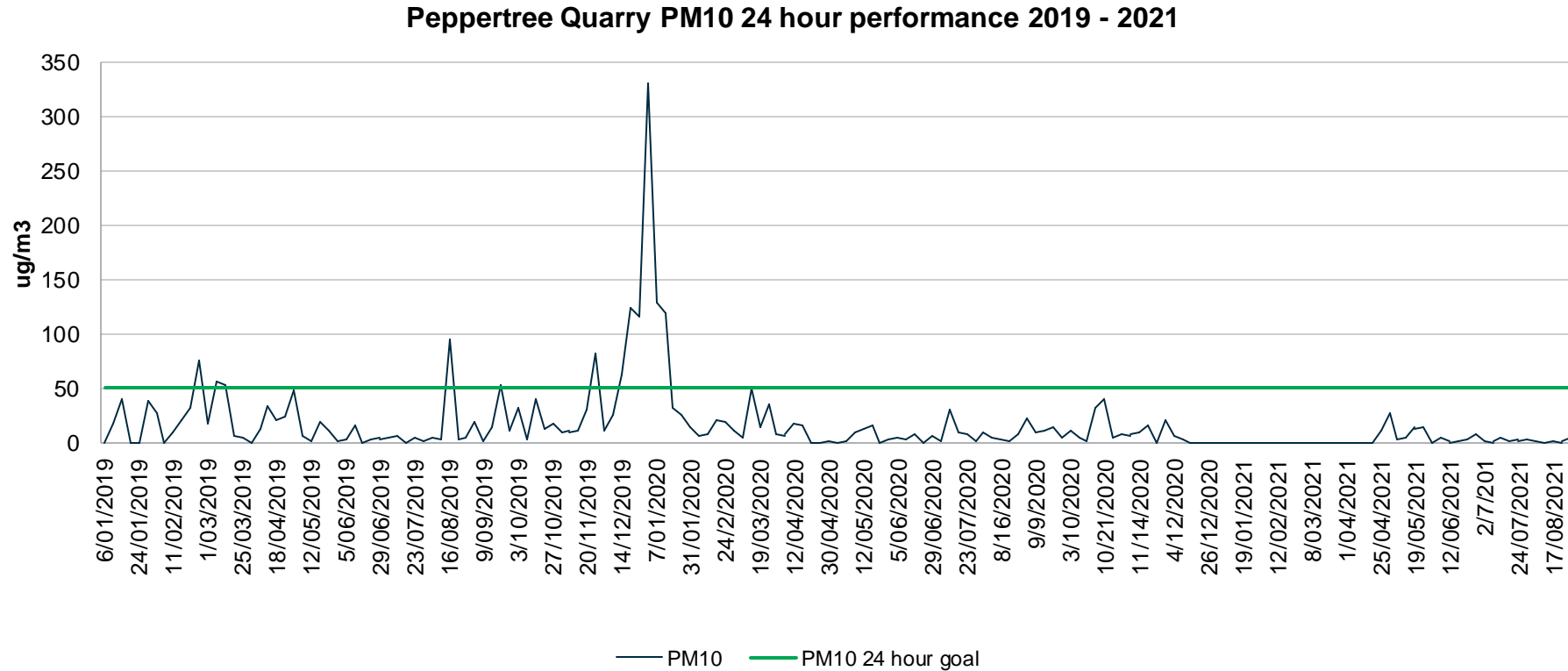


Annual Average goal of 25ug/m³

In compliance

Annual average below goal at the boundary

Air – PM10 24 Hour performance



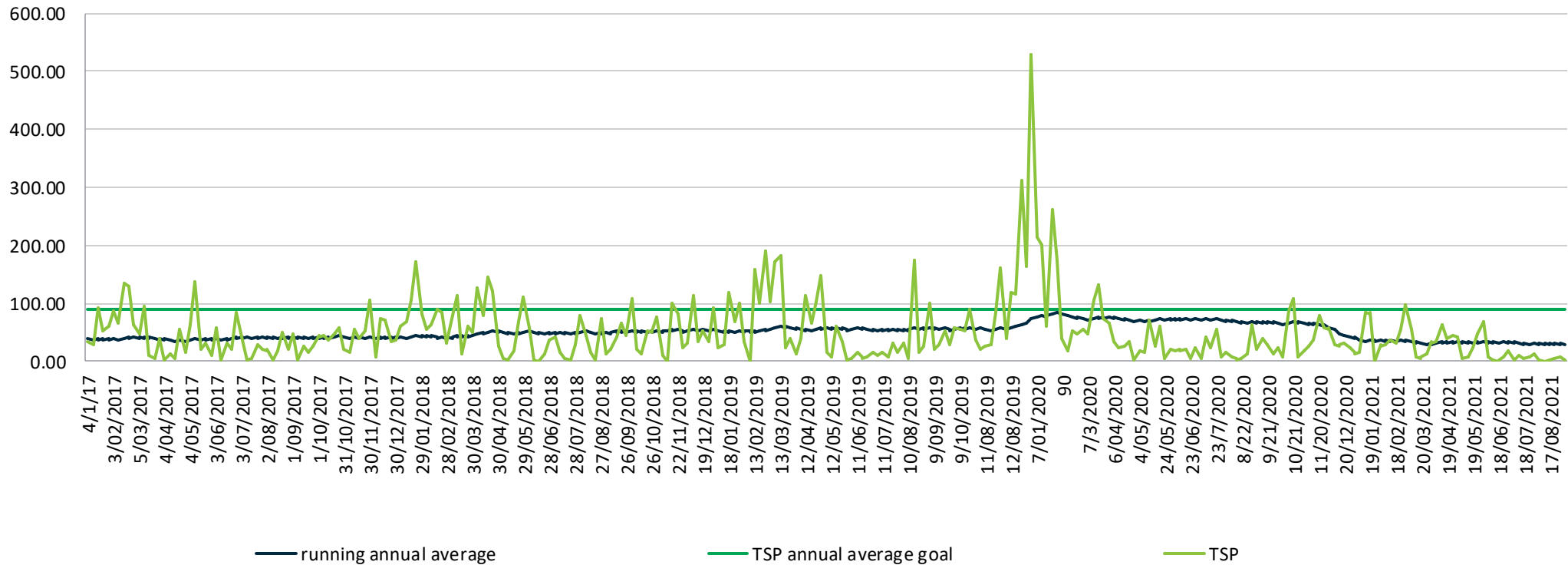
24 hour goal of 50ug/m3

In compliance

Annual average below goal at the boundary

Air – Total Suspended Particulates

TSP Annual average trend 2017 - 2021

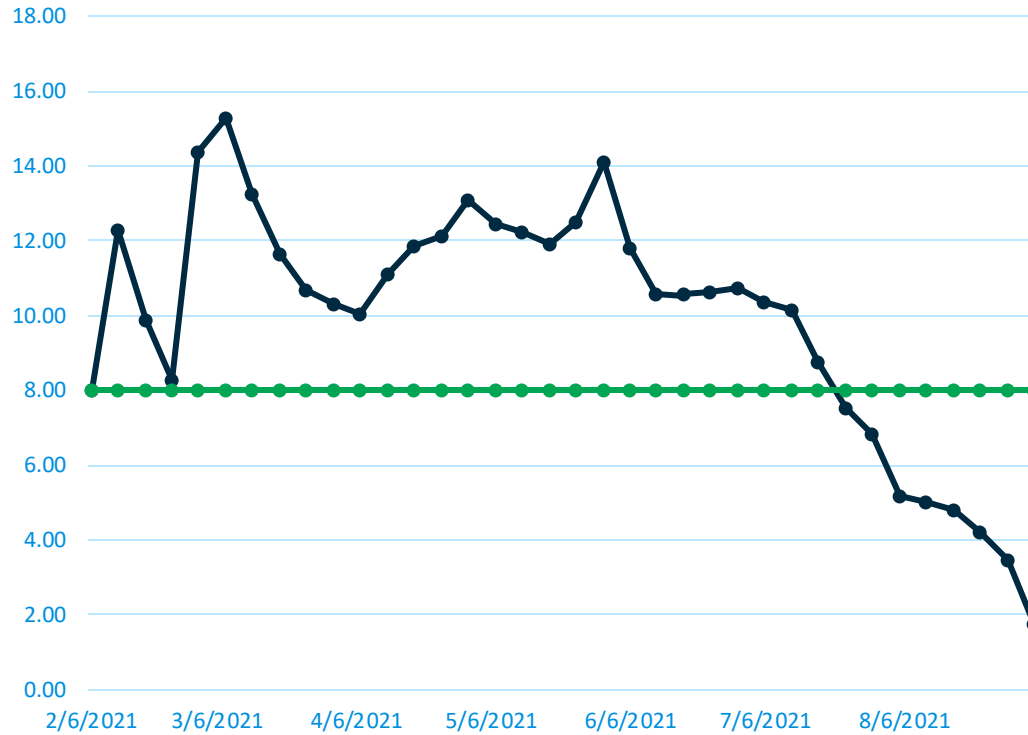


Annual Average goal of 90ug/m3

In compliance

Annual average below goal at the boundary

Air – PM2.5

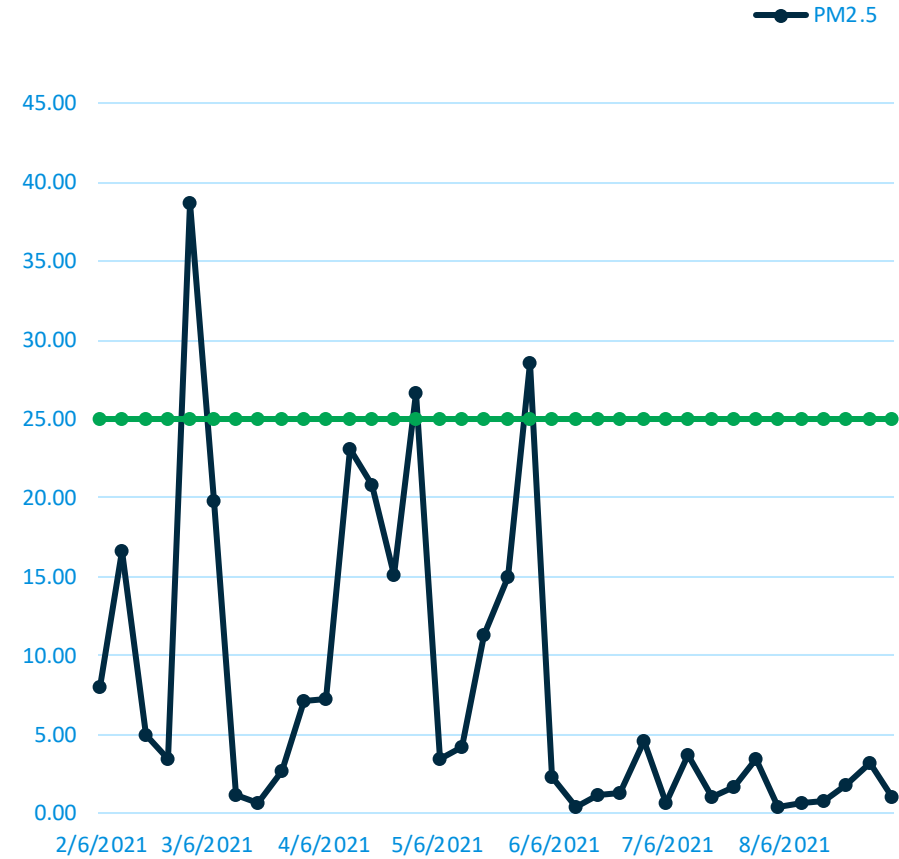


Annual Average goal of 8ugm3

In compliance

Annual average below goal at the boundary

PM2.5 24 hour 2021



24 hours goal of 25ug/m3

in compliance

Noise – quarterly monitoring

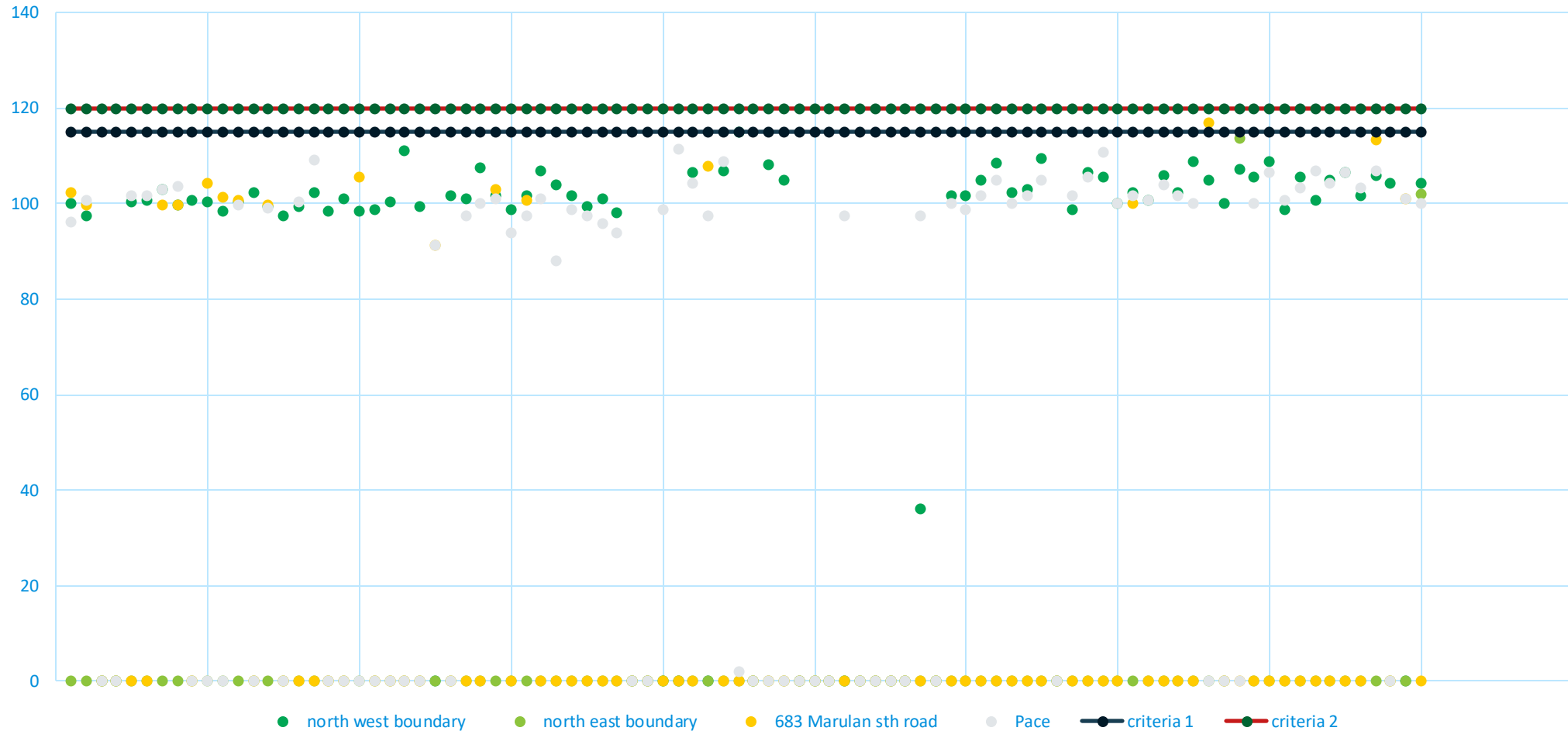
There has been a delay in the Noise monitoring program due to the COVID restrictions. Consultants have not been able to come to site and we have limited their movements to minimise the potential for them bringing COVID from the greater metropolitan area.

Monitoring was undertaken over the 12th, 13th and 14th October 2021

Another round will be conducted in November and December 2021

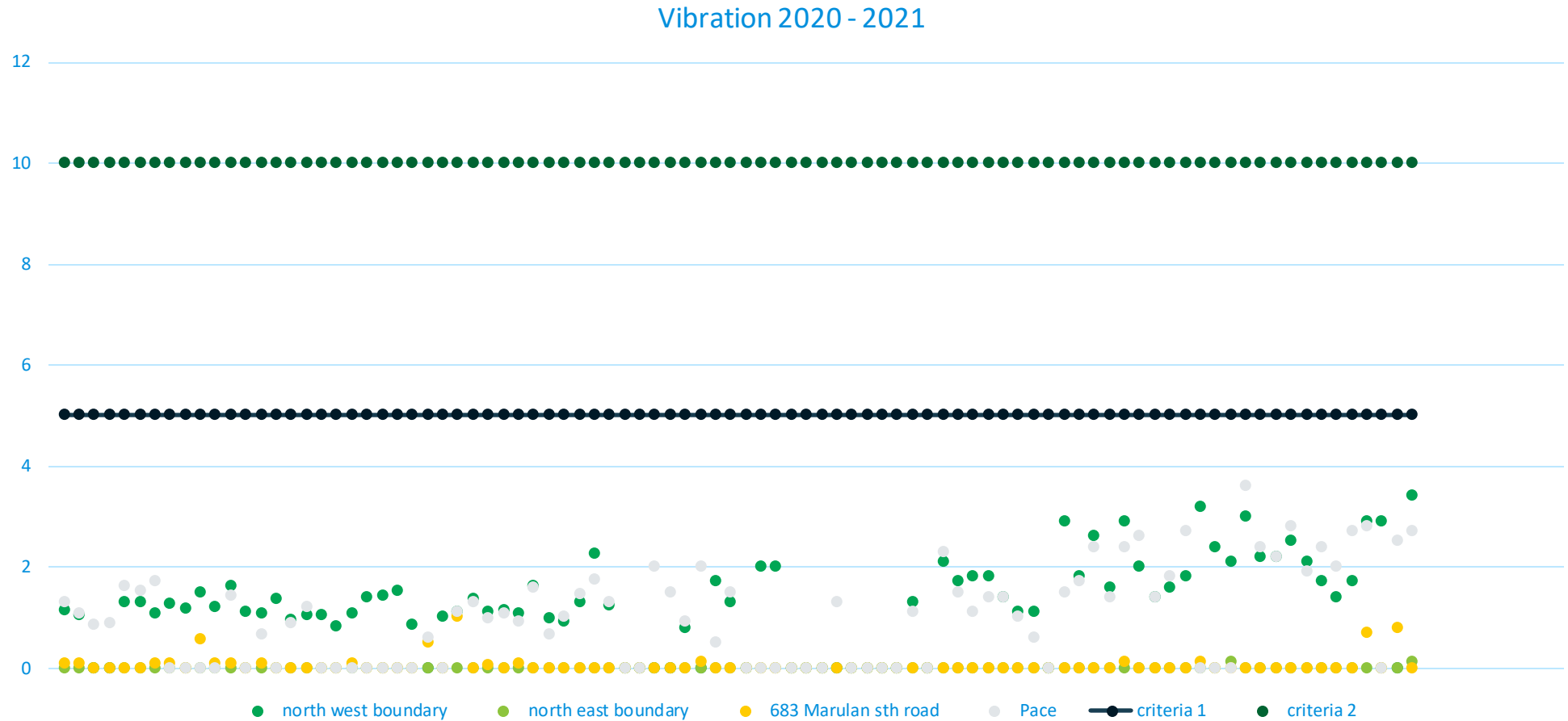
Blasting - Overpressure

Over Pressure 2020 - 2021



In Compliance

Blasting – ground Vibration



In Compliance

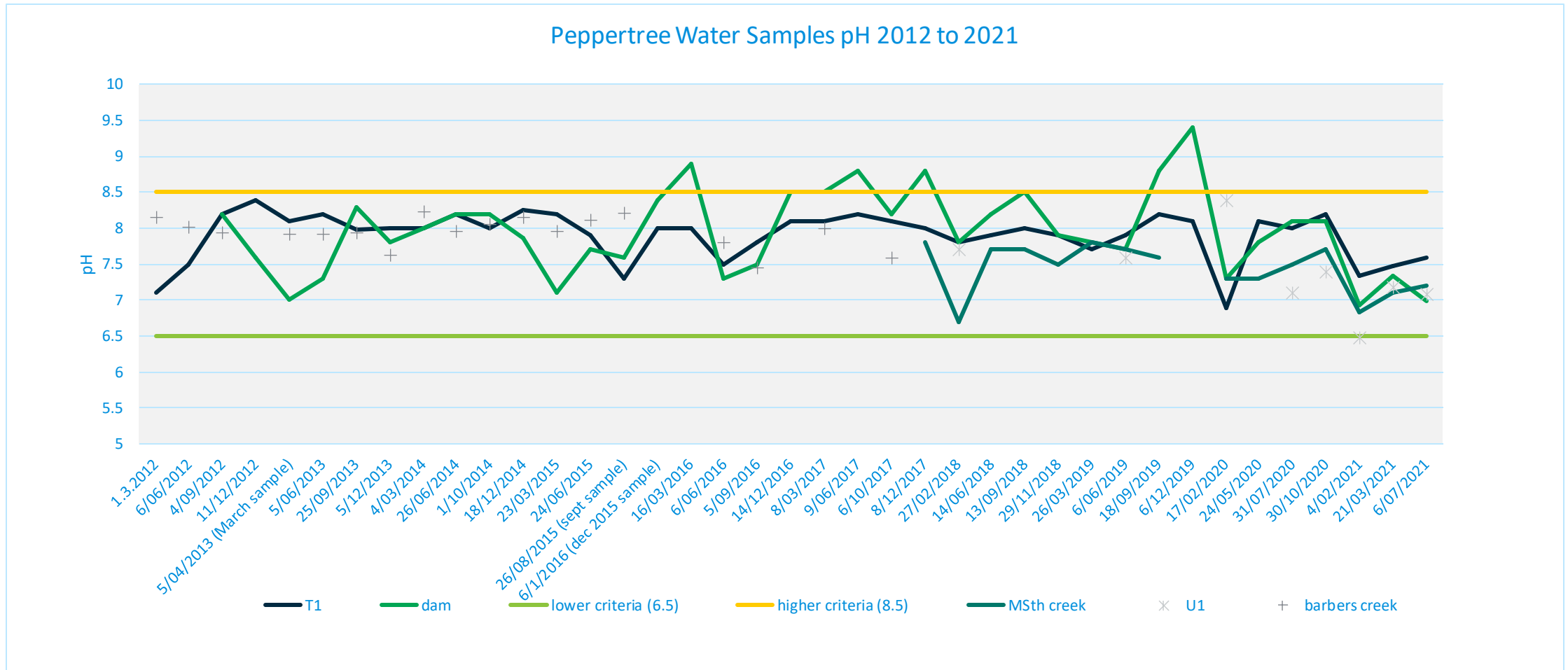
Surface Water

Quarterly monitoring round undertaken in July – September 2021.

Next sample round quarter of October – December 2021 sampled Monday 18th October 2021

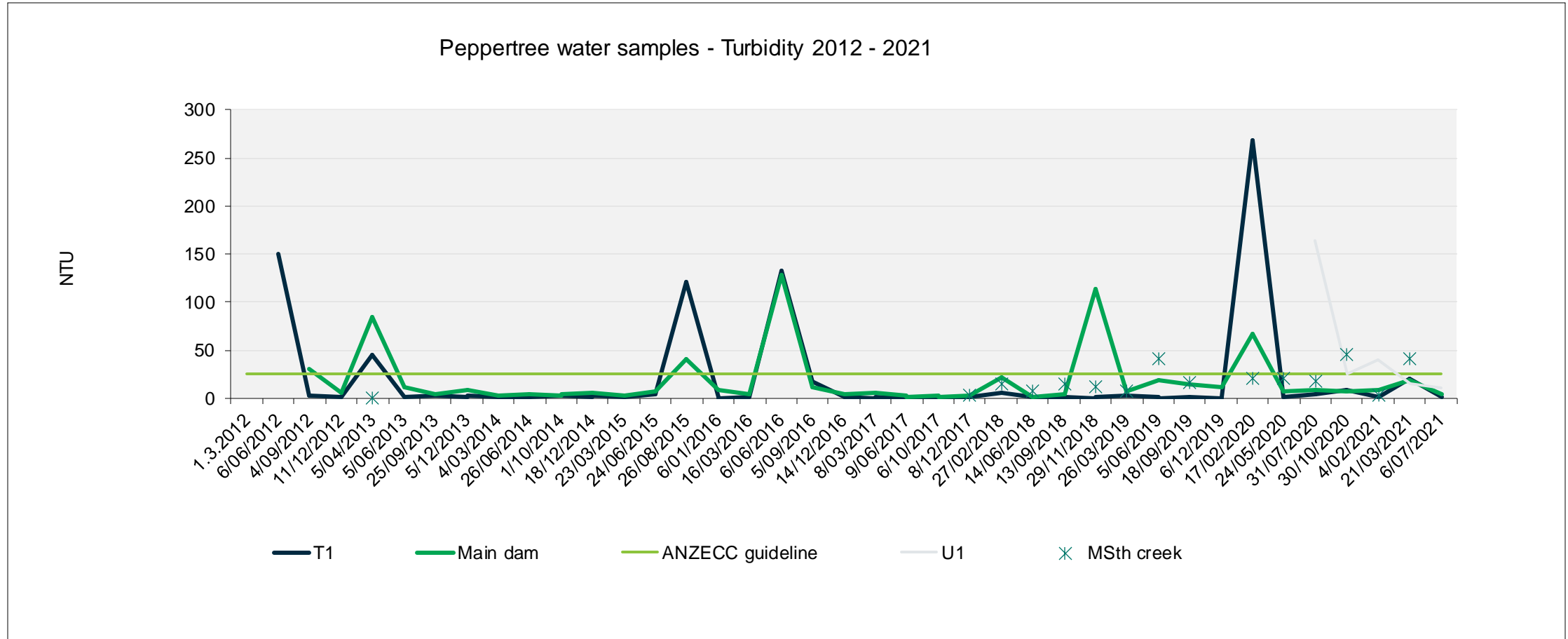
No issues with water supply or quality over the last 3 months

Surface water pH



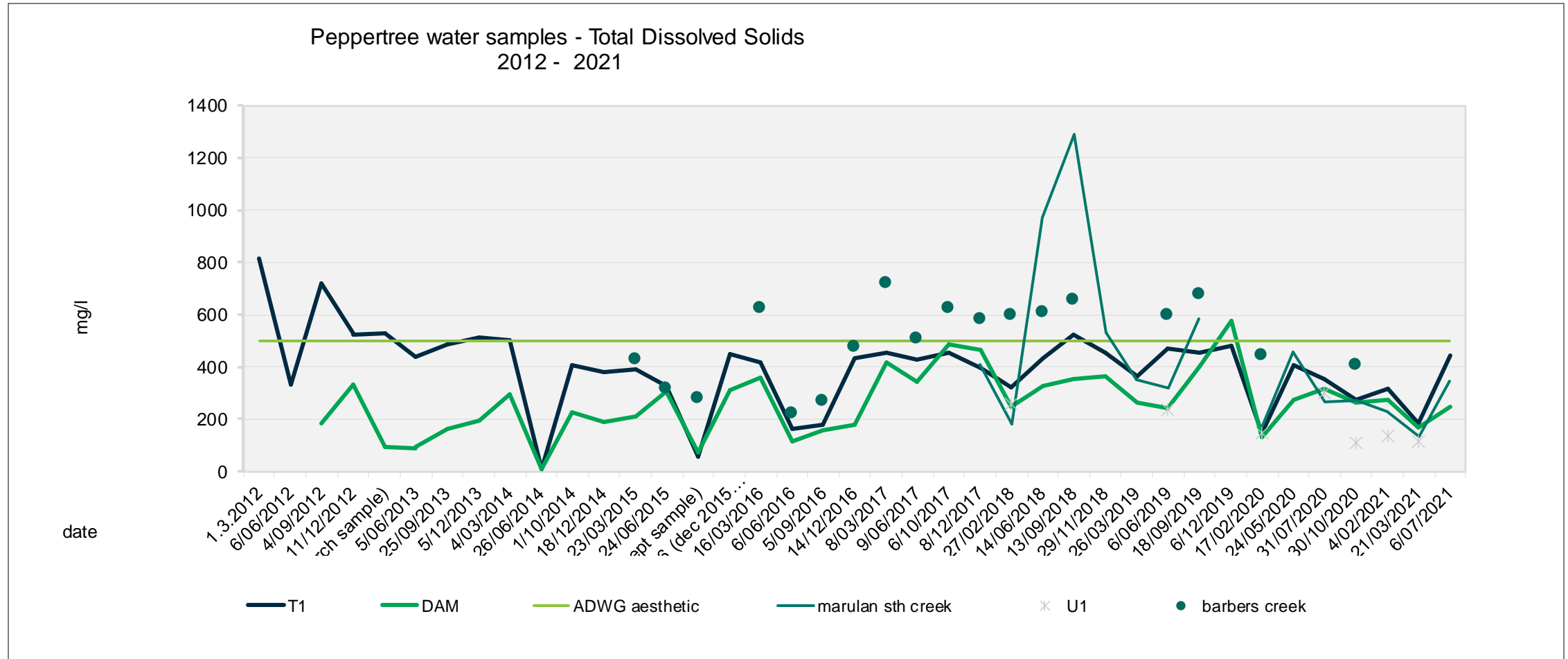
> Below guideline for July samples

Surface water - Turbidity



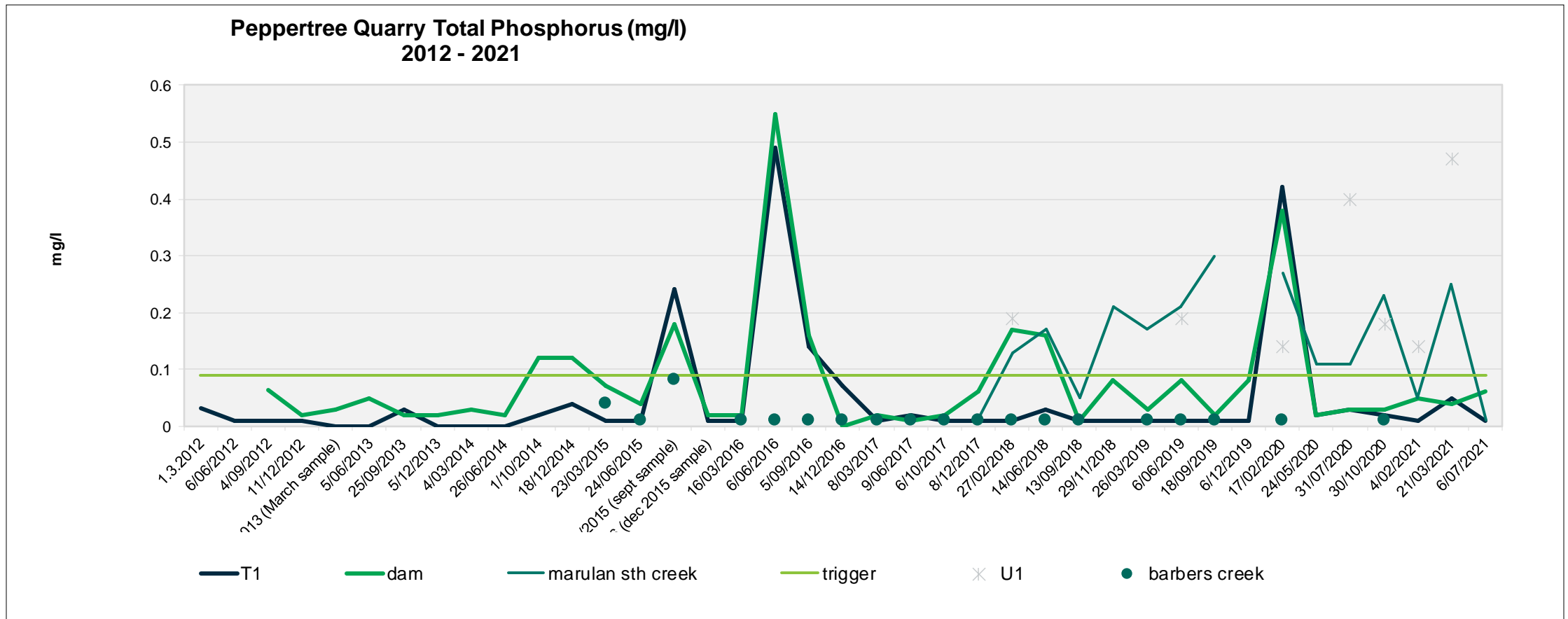
Below guideline for July samples

Surface water – Total dissolved solids



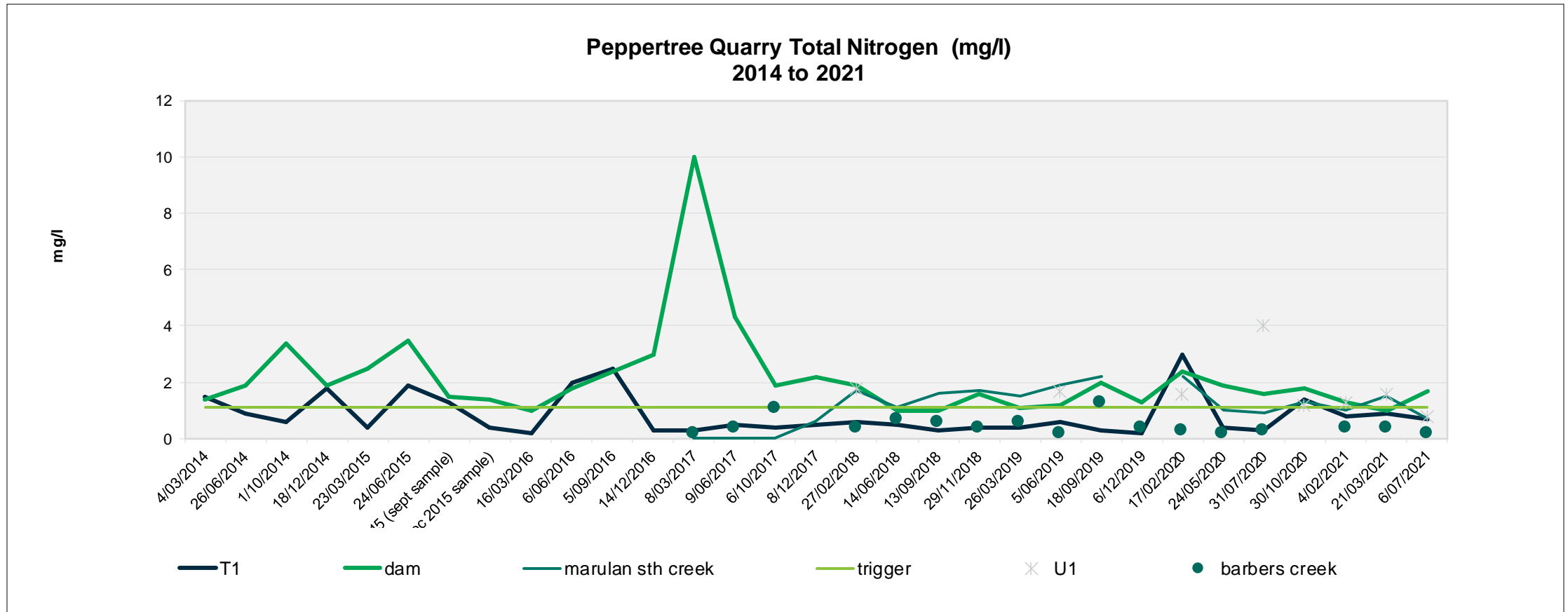
Below guideline for July samples

Surface water – total Phosphorus



Below guideline for July samples

Surface water - Total Nitrogen



Below guideline for July samples, with the exception of the Main dam

Environmental Flow

year	total in flow	10%	total out flow	in compliance	comment
Aug-2020	49.67	4.96	696.78	yes	Rainfall - possible overflow of the V notch weir
Sep-2020	0	0	3.11	yes	
Oct-2020	32.91	3.2	148.71	yes	
Nov-2020	10	1	379.5	yes	Rainfall - possible overflow of the V notch weir
Dec-2020	17.1	1.7	55.68	yes	
Jan-2021	8	0.8	24.78	yes	
Feb-2021	21	2.1	44.59	yes	
Mar-2021	38	3.8	833	yes	Rainfall - possible overflow of the V notch weir
Apr-2021	2	0.2	8.47	yes	
May-2021	30.5	3	433	yes	Rainfall - possible overflow of the V notch weir
Jun-2021	9	0.9	6.5	yes	
Jul-2021	8	0.8	8.32	yes	
Aug-2021	18	1.8	166.28	yes	Rainfall - possible overflow of the V notch weir

Ground water

- > Monitoring conducted in April 2021.
- > results show no changes to the groundwater
- > Review of the existing wells was undertaken and advice now provided on replacement wells and locations

Heritage

Collation of Artefacts has been postponed for a short period due to the availability of the archaeologist

Planning is progressing to return the artefacts to country by the end of the year

NAIDOC week community workshops being developed

Scar tree relocation being planned

Ecology

Three year plan developed for ongoing rehabilitation and maintenance

Rapid Visual assessment to be conducted Thursday 21st October

Monitoring plan has been revised

Implementation plan being prepared in conjunction with the 3 year plan

Hollow assessment undertaken on the SWOE site

07

Stakeholder Engagement



Planning for Marulan Spring festival was cancelled due to COVID

Stakeholder engagement plan for 2022 is being prepared

Planning for the Marulan Christmas Street fair is underway



08

Operations
Next 3 months



Safety

Focus on return to “normal” around operations and COVID management

Overburden

Pre works commenced. – contract in place with OB contractor

Pit Update

Shut down over Christmas 23-12-2021 till the 10-01-2022, during this time we will continue to complete maintenance.

Processing (STQ)

Shut down over Christmas 23-12-2021 till the 10-01-2022, during this time we will continue to load material on trains at a reduced rate and complete maintenance.

People

Aim to onboard and welcome new Production manager, Superintendent, trainer and Environment advisor

09

General Business



Marulan South State Significant Development

conditions of consent have been issued

It has been agreed that a joint CCC will be established

Process is to advise and seek DPIE approval

The Chair to seek nominations for representatives

The Chair to advise and seek approval from DPIE on the selection of representatives

Aim for this to be in place March 2022

Boral rebranding



Our Purpose
Why we're here for others.

Creating a world future generations will be proud of.

Our Ambition
What we're here to do for ourselves.

Leading the way to a more liveable future.

Our Values
How we deliver our purpose and reach our ambition.

<p>Looking out for each other.</p> <p>We care about the impact we have on customers, partners, communities and each other today and in the future.</p> <p>We speak thoughtfully, we encourage and respect diversity and listen carefully with an open mind.</p> <p>We make decisions so we all go home safely every day.</p>	<p>Leading the way.</p> <p>We're showing what's possible and inspiring customers, partners, communities and each other.</p> <p>We're always looking for new ideas, sharing and learning as we go.</p> <p>We're demonstrating the value of working in partnership to solve tough problems.</p>	<p>Doing what we say.</p> <p>We do what we say we're going to do.</p> <p>We're trusted and our customers, suppliers, communities and colleagues rely on us to deliver.</p> <p>Our shareholders have confidence in us to create value in a responsible way.</p>	<p>Achieving together.</p> <p>We collaborate, celebrate and have fun doing what we love.</p> <p>We move forward as one team, knowing we are better together when we work alongside our customers, partners, colleagues and communities.</p> <p>We work openly, building relationships and building each other up.</p>
---	--	---	--

Boral sets target for NET Zero

Boral has set the most ambitious carbon emissions targets in the global construction materials industry¹, and has joined the Science Based Targets initiative (SBTi) *Business Ambition for 1.5°C* and UNFCCC *Race to Zero*.

The new carbon reduction targets mean Boral is committed to net zero carbon emissions by no later than 2050, aligned with the most ambitious aim of the Paris Agreement to limit global warming to 1.5°C.

“We are redefining Boral’s strategy to become a leading innovator in sustainability by decarbonising our cement and other construction materials businesses and embedding a more circular economy approach. Our decarbonisation pathways include shifting to renewable energy sources, and growing our proprietary lower carbon, higher performing concrete solutions.”

CEO & Managing Director, Zlatko Todorcevski

Other

Next meeting

December 2021



Thanks for your participation