

- Minutes:** Minutes of the 80th Meeting of the Tarrawonga Coal Community Consultative Committee held at the Boggabri Golf Club, Kamilaroi Highway, Boggabri on Wednesday 14 May 2025 commencing at 10.03pm.
- Members Present:** Elizabeth O’Hara (EOH) – Community Representative, Mark Hathaway (MHa) – Community Representative, Cr Rob Hooke (RH) – Gunnedah Shire Council, Cr Jocellin Jansson (JJ) – Narrabri Shire Council [video link], Cr Cameron Moore (CM) – Gunnedah Shire Council [video link], Matt Hollis (MH) – Tarrawonga Coal Mine, Maddi Wright (MW) – Tarrawonga Coal Mine.
- Observers:** Jabin De Kiezer (JdeK)– Whitehaven, Keely Boyton (KB) – Tarrawonga Coal Mine
- Apologies:** Lloyd Finlay (LF) – Community Representative, Cr E. Towns – Narrabri Shire Council, Darren Swain (DS) - Whitehaven Coal, Wade Hudson (WH) - Gunnedah Shire Council
- Independent Chair:** Michael J. Silver OAM (MJS)

Agenda Item	Discussion	Action/By Whom
1.	Welcome and Apologies – MJS welcomed everyone to the meeting, in particular Crs Hooke, Moore and Jansson.	
2.	Acknowledgement of Country - The Chair acknowledged the Traditional Owners of the land on which the meeting is being held and their continuing connection to land, water, and culture, paying respects to their Elders past, present and emerging.	
3.	Declaration of pecuniary or other interests – EOH has a small package of WHC shares. MJS expenses as Chair are borne by TCM.	
4.	Minutes from Previous Meeting – Members noted that the minutes of the meeting of 12 February 2025 were approved on 13 March 2025 and appropriately reflected what was discussed.	
5.	Business Arising Nil	
6.	Actions from Previous Meeting Nil	
7.	Correspondence Nil	
8.	Proponent’s Environmental Monitoring Report <i>A copy of the Quarterly Environmental Report is attached to the minutes.</i> MH stepped the Committee through the report. MH opened with a review of the safety record, noting that the Total Recordable Injury Frequency Rate (TRIFR), although still low, had risen to 3.33. The TRIFR being the total number of injuries (excluding fatalities) recorded per million hours worked. He went on to explain the acronyms associated with safety performance. <i>A copy of safety performance terminology definitions is attached to the minutes.</i> MH noted that there had been no noise exceedances during the latest monitoring period. He also advised that all blasts (14) in the first quarter of 2025 were within blasting criteria, whilst dust deposition remained steady and there had been no exceedances. Cr Rob Hooke observed that you can notice a dust haze when looking from Gunnedah, noting the mines in the area have a large footprint. In response MH advised that dust monitoring was critical, highlighting the PM10 High Volume Air Sampler results. PM10 measures particulate matter in the air with a diameter of 10 microns (one millionth of a metre) or less, which can be inhaled and cause health problems. MH noted that PM10 particulates can travel deep into the lungs and affect respiratory and cardiovascular health. He also indicated that dust may have various sources viz. pollen, other work practices,	

gravel roads and agriculture. MHa suggested that the haze may also be smog from diesel engines and the like. MH went on to explain the various pollution reporting processes such as the National Greenhouse and Energy Reporting (NGER) Scheme and the National Pollutant Inventory (NPI) which is an internet database that provides the community, industry and government with free information about the emissions of substances in Australia. He also explained how dust samplers operate and the purpose of these samplers.

EOH commented that PM2.5, or particulate matter smaller than 2.5 microns, is a significant air pollutant that can have serious health impacts. She questioned whether PM2.5 is monitored at the mine. MH advised that PM2.5 is monitored on site and there is a PM2.5 monitoring network across the mining area. There is no reporting requirements for PM2.5 at Tarrawonga, although annual average reporting does occur in the Tarrawonga Mine Annual Review. EOH enquired whether the reporting of PM2.5 will be considered in the Air Quality Management Plan review. MH indicated that all mines in the area (Boggabri, Tarrawonga & Maules Creek) will be covered by an air quality management strategy that is reviewed and updated periodically to ensure consistency with relevant mining approvals. EOH commented that there are suggestions that dust suppression is less vigilant currently than it was in the 1970s. MH questioned the basis of the comment given that there was little regulation during the 1970s regarding dust suppression on mine sites.

MH noted there was 267 mm of rain in the first quarter, with a discharge from three points on or around the 29 March 2025.

MH provided an overview of the completion and submission of the various Annual Reports and the Rehabilitation Forward Plan for 2025 to 2027. EOH sought clarification of the nature of rehabilitation at the side of the mine – the southern emplacement. MH advised that this emplacement has "stag tree", that are large dead trees that are standing and are retained to allow for other fauna – in particular birds and microbats to use the hollows. It will facilitate the introduction of other key species into the establishing ecosystems overtime providing habitat for apex predators to return to the area.

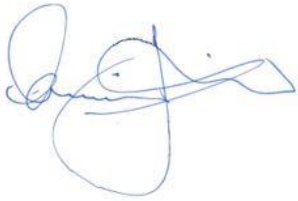
MH advised that approximately 30 hectares of rehabilitation has been completed. Some sections did require reworking due to heavy rain that resulted in erosion. It is proposed to undertake approximately 36 hectares of rehabilitation next year. MH advised that the ecologists assess and report on the progress of each year's rehabilitation areas and are generally satisfied with the ecosystem development and forward progression in each of the rehabilitated areas being monitored.

MH noted that two complaints had been received regarding a single blast during the period. He explained the climatic conditions and circumstances at the time relating to the recent Cyclone Alfred, noting that the blast was compliant with required monitoring limits and relevant management plan blast firing conditions. He also advised of a complaint regarding the manner of driving of a mine worker on a road not authorised for general mine traffic; he advised that employees are made aware of requirements to use approved routes. RH questioned the frequency of such complaints – MH responded that the community is within its rights to lodge a complaint if it has concerns about mine related traffic on unapproved mine access routes.

	MH outlined the upcoming works at the mine. ○ Continuation of movement of subsoil and topsoil from the storage/clearing area onto the current landform. ○ Tree planting will begin from May through to July 2025 ○ Native seed mix will be applied (along with gypsum and manure) from June 1 over any completed topsoil areas after the Quality Assurance and Quality Control processes have been complete. ○ All 2025 ecosystem establishment on track to be completed by 30 June 2025. ○ Monitoring will continue as per normal. JJ sought clarification on completion of the current rehabilitation program. MH advised that it will be completed as part of the optimum autumn and early winter tree planting and seeding window by 30 June 2025. RH enquired whether there were many complaints regarding dust issues from the public coming from afar. MH responded no, adding that air quality controls are consistent across the mines in the area. RH noted that section of Rangari Road is unsealed giving rise to considerable dust issues. MH agreed that dust was a major concern on that section of Rangari Road particularly early in the morning and the latter part of the afternoon – it ideally needs to be sealed. JJ supported the comments, suggesting that non-local and tourist-based travellers between Boggabri and Tamworth are often unaware that a 10 kilometres section of the road is unsealed.	
9.	Other Agenda Items Nil	
10.	General Business 10.1 Whitehaven Coal Limited v Chief Commissioner of State Revenue – EOH noted the NSW Supreme Court hearing 8-9 April: Whitehaven Coal Limited v Chief Commissioner of State Revenue. Whitehaven and four other associated companies (the Plaintiffs) each hold one or more mining leases under the Mining Act 1992 (NSW). The Plaintiffs lodged an application brought under s 97 [1] of the Taxation Administration Act 1996 (NSW) for a review of decisions of the Chief Commissioner of State Revenue to disallow (in part) their objections to Mineral Royalty Assessment Notices issued by the Chief Commissioner on 2 November 2022. Under the Mining Act, holders of such leases have to render monthly returns and pay royalty to the Crown on publicly owned minerals recovered by the holder under the lease. <i>Chair's note: The judgement of the NSW Supreme Court (Equity) was handed down on 16 May 2025. The objections were in part upheld by the Chief Commissioner, remitting a portion of premium interest and penalties imposed on the Plaintiffs.</i> Refer: https://www.caselaw.nsw.gov.au/decision/196d1e10e46b5ad30a0b65d2 for complete judgement. 10.2 Zoom Meetings – RH expressed concern regarding interaction during the meeting where some participants are attending via video link. He was most concerned with the audibility of those making comment online. The Chair noted his comments.	
13.	Next Meeting The next meeting is scheduled for August 2025 – date TBC.	

Meeting closed at 11.05 am.

Approved:



Michael J. Silver OAM
Independent Chair

3 June 2025

Appendix 1: Actions

Action No	Description	Date Raised	Page No	Status
1	TCM to explore feasibility of presenting a slide in future of injuries falling / rising	14.02.24	3	COMPLETED 13.11.24
2	TCM to provide link to Sustainability Report	14.02.24	3	COMPLETED 15.05.24
3	MW to investigate if Social Impact Plan was available	14.02.24	4	COMPLETED 15.05.24
4	MJS to advise Ms Druce that the proposition should be discussed with NSC and RFS.	15.05.24	2	COMPLETED 06.06.24
5	That the Tarrawonga Coal Mine Rehabilitation Objectives be presented at the October 2024 CCC meeting.	29.08.2024	3	COMPLETED 13.11.224

Tarrawonga Coal Mine Community Consultative Committee Meeting #80

**Quarterly Environmental Monitoring Report
January 2025 – March 2025**



Photo taken March 2025 showing rehabilitation progression of the Northern Rehab (planted approx. 2019)

This report has been prepared for the Community Consultative Committee (CCC) meeting to show Environmental monitoring performance at Tarrawonga Coal Mine (TCM) for the reporting period from January 1 2025 to March 31 2025. Maps with all the monitoring locations are available in *Appendix A*.

Noise Monitoring

Attended Noise Monitoring was conducted during this period.

Attended noise monitoring was conducted at the “Bungalow” (TN4), “Barbers Lagoon” (TN3) and “Matong” (TN2) properties from 7th March to the 21st March 2025. Noise criteria for the mine is 35dB(A) Leq (15 min) for all operating times.

Results below show that noise emissions from the mine did not exceed operational noise criteria at the “Barbers Lagoon”, “Bungalow” or “Matong” monitoring locations for any monitoring events during the monitoring period.

(See below summary tables extracted from Tarrawonga Coal Mine Noise Monitoring – Q2 March 2025)

Table 1 TCM Operational Noise Monitoring Results – 17 March 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	8:11pm	38	5.0 / 151 / D	Insects (34), aeroplanes (34), wind (31), TCM (<20)
Barbers Lagoon – TN3	9:30pm	50	6.5 / 132 / D	Wind (50), birds (38), TCM (<20)
Bungalow – TN4	8:51pm	45	4.4 / 139 / D	Insects (45), wind (34), TCM (<20)

Table 2 TCM Operational Noise Monitoring Results – 17-18 March 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:02pm	42	6.4 / 120 / D	Insects (39), wind (39), TCM (<20)
Barbers Lagoon – TN3	12:27am	33	6.0 / 132 / D	Wind (31), insects (29), TCM (<20)
Bungalow – TN4	11:15pm	40	4.0 / 120 / D	Insects (39), wind (32), TCM (<20)

Table 3 TCM Operational Noise Monitoring Results – 18 March 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:04am	32	3.0 / 096 / B	Birds (32), TCM (22)
Barbers Lagoon – TN3	1:39pm	58	3.5 / 251 / B	Traffic (58), birds (37), TCM (<20)
Bungalow – TN4	11:55am	40	2.6 / 199 / A	Birds (38), traffic (35), wind (27), TCM (<20)

Table 4 TCM Operational Noise Monitoring Results – 18 March 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	7:47pm	39	2.4 / 138 / E	Insects (39), aeroplanes (25), TCM (<20)
Barbers Lagoon – TN3	9:20pm	56	3.3 / 164 / E	Traffic (56), wind (43), insects (39), TCM (<20)
Bungalow – TN4	8:38pm	46	1.6 / 153 / E	Wind (44), insects (42), TCM (<20)

Table 5 TCM Operational Noise Monitoring Results – 18-19 March 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:04pm	39	4.1 / 114 / E	Insects (39), mine (28), TCM (<20)
Barbers Lagoon – TN3	12:29am	30	3.0 / 064 / D	Insects (28), TCM (25)
Bungalow – TN4	11:17pm	41	4.0 / 093 / D	Insects (39), wind (37), TCM (<20)

Table 6 TCM Operational Noise Monitoring Results – 19 March 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:35am	42	1.9 / 201 / B	Birds (42), insects (26), TCM (21)
Barbers Lagoon – TN3	1:50pm	44	2.7 / 230 / B	Birds (43), traffic (37), TCM (<20)
Bungalow – TN4	12:15pm	39	2.8 / 192 / A	Birds (36), traffic (35), insects (29), TCM (<20)

Table 7 TCM Operational Noise Monitoring Results – 19 March 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	8:58pm	38	1.4 / 036 / D	Insects (38), TCM (25)
Barbers Lagoon – TN3	7:30pm	54	0.9 / 230 / E	Traffic (54), birds (37), TCM (<20)
Bungalow – TN4	8:11pm	58	1.0 / 235 / F	Insects (58), TCM (<20)

Table 8 TCM Operational Noise Monitoring Results – 19-20 March 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:02pm	36	1.9 / 031 / D	Insects (35), TCM (27)
Barbers Lagoon – TN3	12:30am	28	2.7 / 065 / E	Insects (28), TCM (<20)
Bungalow – TN4	11:17pm	44	2.0 / 043 / E	Insects (44), TCM (<20)

Table 9 TCM Operational Noise Monitoring Results – 20 March 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:47am	34	1.7 / 217 / A	Wind (33), insects (25), TCM (<20)
Barbers Lagoon – TN3	2:15pm	48	2.2 / 228 / A	Traffic (48), birds (30), TCM (<20)
Bungalow – TN4	12:34pm	39	2.4 / 143 / A	Traffic (37), birds (35), TCM (<20)

Table 10 TCM Operational Noise Monitoring Results – 20 March 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	9:05pm	35	1.5 / 014 / D	Insects (35), TCM (<20)
Barbers Lagoon – TN3	7:33pm	43	1.8 / 071 / E	Birds (40), traffic (40), TCM (<20)
Bungalow – TN4	8:18pm	47	1.9 / 034 / D	Insects (46), traffic (41), aeroplanes (22), TCM (<20)

Table 11 TCM Operational Noise Monitoring Results – 20-21 March 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:01pm	35	2.1 / 023 / D	Insects (35), mine (22), TCM (<20)
Barbers Lagoon – TN3	12:28am	43	2.3 / 031 / D	Traffic (43), insects (24), cows (21), TCM (<20)
Bungalow – TN4	11:17pm	44	2.0 / 043 / D	Insects (44), traffic (27), TCM (<20)

Table 12 TCM Operational Noise Monitoring Results – 21 March 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	9:18am	51	2.2 / 194 / B	Traffic (50), birds (44), TCM (28)
Barbers Lagoon – TN3	7:32am	53	1.1 / 138 / C	Traffic (52), birds (47), TCM (28)
Bungalow – TN4	11:03am	40	3.1 / 229 / B	Birds (39), traffic (32), TCM (27)

Noise from the mine must not exceed 45 dB(A) L1 (1 min) between 10 pm and 7 am. This criterion is to minimise the potential for sleep disturbance because of individual loud noises from the mine.

Table 13 TCM Sleep Disturbance Monitoring Results – 17-18 March 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:02pm	48	<20	Insects	6.4 / 120 / D
Barbers Lagoon – TN3	12:27am	46	<20	Insects	6.0 / 132 / D
Bungalow – TN4	11:15pm	50	<20	Insects	4.0 / 120 / D

1. L1 (1 min) – total measured level.
2. L1 (1 min) – TCM noise only.

Table 14 TCM Sleep Disturbance Monitoring Results – 18-19 March 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:04pm	46	<20	Insects	4.1 / 114 / E
Barbers Lagoon – TN3	12:29am	49	31	Insects	3.0 / 064 / D
Bungalow – TN4	11:17pm	54	<20	Insects	4.0 / 093 / D

Table 15 TCM Sleep Disturbance Monitoring Results – 19-20 March 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:02pm	57	32	Insects	1.9 / 031 / D
Barbers Lagoon – TN3	12:30am	40	<20	Insects	2.7 / 065 / E
Bungalow – TN4	11:17pm	62	<20	Insects	2.0 / 043 / E

Table 16 TCM Sleep Disturbance Monitoring Results – 20-21 March 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:01pm	46	<20	Insects	2.1 / 023 / D
Barbers Lagoon – TN3	12:28am	68	<20	Traffic	2.3 / 031 / D
Bungalow – TN4	11:17pm	53	<20	Insects	2.0 / 043 / D

Results of attended monitoring show that the measured L1 (1 min) noise level did not exceed sleep disturbance criteria.

The real time noise monitor located on the “Coomalgah” property remains a management tool, so the noise criteria are not applicable at that site. Levels of noise recorded at that location are managed according to the Noise Management Plan and Trigger Action Response Plan.

Blast Monitoring

Blasting Results

Since 2006, there have been 1358 blasts (until 31/03/2025) at TCM. 14 of these were during the reporting period.

Table 1 below displays the peak ground pressure and overpressure values recorded and dates at the compliance monitor on Coomalgah property during the quarter.

TCM overpressure and ground vibration for the quarter was compliant and did not exceed the blasting criteria declared in the project approval and Blast Management Plan (BMP).

Table 1 - Max Peak Overpressure and Ground Pressure for the Quarter

Monitor Location	Date	Max. Peak Overpressure (dB)	Criterion (dB)	Date	Max. Peak Ground Pressure (mm/s)	Criterion (mm/s)
Coomalgah	30-01-2025	110.0	120	13-02-2025	0.59	10

Air Quality Monitoring

Dust Deposition Gauge Results

Standard Australia AS/NZS 3580.10.1:2016, "Methods for sampling and analysis of ambient air – Determination of particulate matter – Deposited matter – Gravimetric Method," classifies deposited dust as insoluble solids. Therefore, TCM tests air quality monthly at mine-owned sites for indicative purposes, to infer compliance, against the limit of 4 g/m²/month.

Table 3 shows deposited dust gauge results over 12 months. All the dust monitors are located on project related or WHC owned land; as such compliance criteria (4g/m²/month) do not apply. While deposited dust trends remain steady during the reporting period (refer graph in *Appendix B*), some monitors are displaying non-mine related particulate matter deposition more regularly than others. Non-mine related particulate matter could be attributed to organic matter (such as leaves, mice, frogs, insects or bird faeces that fall in to the bottles), or they may be in farming locations, so during some months dust levels may be higher due to harvesting. To mitigate contamination from bird faeces, spikes have been added to the top of each dust gauge unit to deter birds from perching.

Table 2 - Deposited Dust Gauge Results [g/m2/month]

MONTH	TEMPLEMORE (EB-4)	BOLLOL CREEK STN (EB-5)	AMBARDIO (EB-6)	TARRAWONGA (EB-7)	PINE GROVE (EB-9)	TARRAWONGA MINE (EB-10)	TARRAWONGA MINE (EB-11) ¹	TARRAWONGA MINE (EB-14)	TARRAWONGA MINE (EB-15)	JERALONG NORTH (EB-16)
Apr-25	0.7	2.0	0.9	0.8	0.7	1.2	3.2	3.8	2.3	1.1
May-25	0.8	1.5	0.9	0.8	0.7	1.2	3.3	3.8	2.5	1.1
Jun-25	0.8	1.3	0.9	0.8	0.6	1.2	3.7	3.6	2.4	1.1
Jul-25	0.9	1.3	0.8	0.8	0.7	1.1	3.9	3.6	2.5	0.9
Aug-24	0.9	1.4	0.7	0.8	0.7	1.1	4.1	3.6	2.4	0.9
Sep-24	0.9	1.3	0.6	0.8	0.7	1.2	4.1	3.5	2.2	0.9
Oct-24	1.1	1.3	0.6	0.7	0.8	1.1	4.1	3.9	2.2	0.8
Nov-24	1.3	1.3	0.6	0.7	0.8	1.1	4.2	3.8	2.2	1.0
Dec-24	1.3	1.3	0.6	0.8	0.7	1.5	4.2	3.7	2.1	1.0
Jan-25	#5.3c	1.8	0.8	1.3	1.3	#4.3c	2.8	2.8	1.1	#3.1c
Feb-25	3.0	1.6	0.9	1.2	0.6	1.9	4.4	2.9	1.2	#5.5c
Mar-25	1.4	0.9	0.5	0.5	0.7	0.7	2.6	1.1	1.3	1.4
12 MONTH ROLLING AVERAGE	1.19	1.41	0.73	1.43	0.75	1.2	3.72	3.34	2.03	1.02

Analysis done/ field comments on these bottles concluded that they are contaminated, often with low ash/insoluble matter. Often noted on field sheets are bird droppings, insects and plant matter. These are now excluded from the average calculation.

+ bottles not compliant for DDG testing, so results are not to be assessed against criteria alone. Still used to calculate average

¹DDG bottle on the fence line between TCM and BCM ROM.

^{N/A} bottle was removed with a fence by land occupant. No result available.

High Volume Air sampler (PM₁₀) Results

The High Volume Air Sampler (HVAS) installed at Coomalgah property monitors levels of Particle Matter under 10 micron (PM₁₀). It operates for 24hr every 6 days. **Table 3** shows that all 24hr average values recorded for this quarter are below 50µg/m³.

Table 3: HVAS PM₁₀ 24hr Quarterly Average levels

Date	24hr averaged PM ₁₀ (µg/m ³)	Criterion 24hr average (µg/m ³)	Comments
06/01/2025	20.5	50	
12/01/2025	6.3		
18/01/2025	7.8		
24/01/2025	44.6		
30/01/2025	22.7		
05/02/2025	29.8		
11/02/2025	10.5		
17/02/2025	12.6		
23/02/2025	10.5		
01/03/2025	29.8		
07/03/2025	18.5		
13/03/2025	12		
19/03/2025	15.8		
25/03/2025	10.5		
31/03/2025	5.8		

* results pending - lab report delayed.

Real-time Air monitoring (PM₁₀)

A real time air quality unit (TEOM) is located at the “Flixton” property to monitor PM₁₀ levels in ambient air, as per the current Air Quality and Greenhouse gas Management Plan. It is an operational management tool and dust levels nearing or reaching the nominated criteria will trigger actions onsite to assess the source of dust and modify operations if it is determined to be related to Tarrawonga operations.



Figure 1: TEOM installed at Flixton property

Three portable dust (PM₁₀) monitors have been utilised since Nov 2018 to improve the real-time dust monitoring network and assist the operation to mitigate any potential dust generated by the operation.



Figure 2: Portable and real-time dust monitor installed at TCM in November 2018

Water Monitoring

Groundwater

Routine groundwater monitoring results undertaken between March 2024 and March 2025 are shown in **Table 4** (refer to graphs in *Appendix C*).

Table 4: Groundwater results summary

Site	Date	SWL (mbgl)	pH (units)	Elect. Conductivity (µS/cm)
MW1	March 24	6.33	7.25	3,260
	June 24	6.36	7.22	3,880
	September 24	2.61 – sampling error	7.53	3,470
	December 24	6.36	7.12	3,360
	March 25	6.44	7.03	3,050
MW2	March 24	4.6	6.89	716
	June 24	4.58	7.64	831
	September 24	4.22	7.18	669
	December 24	4.6	7.55	592
	March 25	5.18	7.06	585
MW4	March 24	8.89	7.43	3,190
	June 24	8.78	7.51	3,680
	September 24	8.66	7.70	3,410
	December 24	8.59	7.4	3,110
	March 25	8.69	7.08	3,140
MW5	March 24	3.46	7.57	1,321
	June 24	3.61	7.85	892
	September 24	3.50	7.69	2,420
	December 24	2.77	7.17	2,720
	March 25	3.84	7.09	1,276
MW8*	March 24	12.91	Casing blocked	Casing blocked
	June 24	Sampling error		
	September 24	12.70		
	December 24	13.13		
	March 25	12.77		

*Bore casing blocked historically. Investigations as to whether this bore is required for sampling purposes to be reestablished are planned for the next financial year.

Surface Water

Water storage onsite is expected to be sufficient for at least the next 12 months. TCM undertook one controlled discharge event on the 29th of March 2025. An approximate ? was discharged through Licenced Discharge Points at this time.

Currently TCM has recorded 267.6mm of rain in 2025.

Table 5: Annual rainfall

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Monthly Rain (mm)	71.4	57.2	26	107	39.2	54.2	45.2	62.4	53.4	46	74	61.2	697.2
Cumulative (mm)	71.4	128.6	154.6	261.6	300.8	355	400.2	462.6	516	562	636	697.2	
2025	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Monthly Rain (mm)	50.2	36.4	181										267.6
Cumulative (mm)	50.2	86.6	267.6										

Rehabilitation and Clearing

Rehabilitation

The Annual Report was submitted in February, to close our rehabilitation commitments from 2024. This is now available on our website.

The Forward Program was also submitted at this time and our commitments for this calendar year and the two beyond are also available on our website. The current rehabilitation commitment sits at 53.1ha for the calendar year, which equates to approximately 30.4Ha of Landform and 22.7Ha of Ecosystem Establishment.

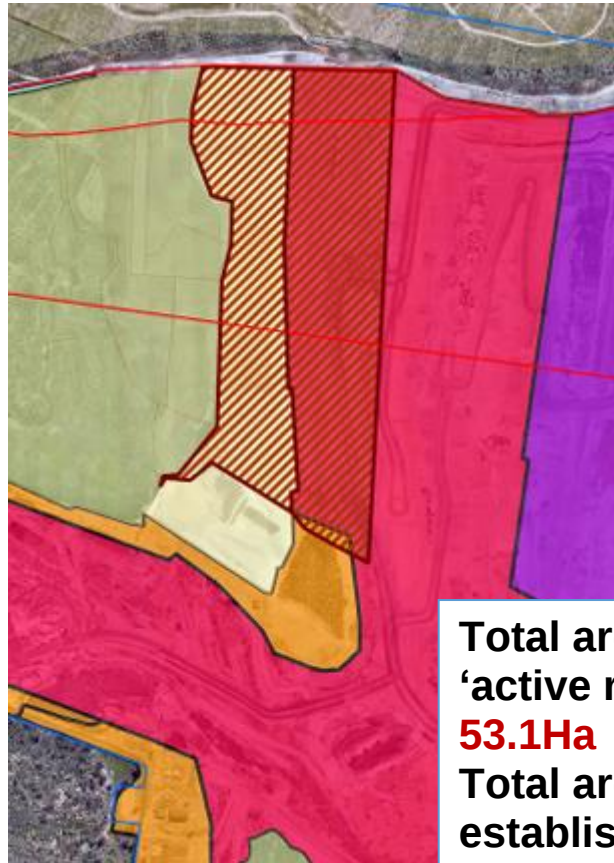
By the close of March 2025, TCM was preparing growth medium on top of established landform, utilising sub soil from the cleared/stripped area directly on the surface.

As a result, TCM is currently on track to have this completed as Ecosystem Establishment by the end of the financial year.

Trees on the both the North and South rehab areas continue to successfully establish and grow on our historical rehabilitation areas. Ecologists attended site during November to assess the success of the rehabilitation. The resulting report will assist in building a maintenance schedule on the rehabilitation areas for the coming years.



Figure 3 North Rehab – Subsoil being pushed out over recently landformed area (April 2025).



**Total area scheduled for
'active rehabilitation':
53.1Ha**
**Total area of Landform
establishment: 30.13ha**

Figure 4: Rehabilitation area commitment in Forward Program 2025

Clearing

By the close of March, TCM had not yet commenced clearing. As per the Forward Program, 12.9Ha are scheduled to be cleared, and is required to be cleared by the 30th of April. This is still scheduled to occur, but is likely to be closer to 8Ha due to pit progression being reprogrammed.

Complaints

3 complaints were received during the reporting period.

#	Date of Complaint	Method	Category	Nature of Complaint	Tarrawonga response
1	7/3/2025	Complaints Line	Blasting	A complaint was received regarding a strong sulphur smell and loud noise following a blast at Tarrawonga Mine site.	The complainant was contacted and advised that the blast observed was within compliance approved monitoring limits and within required weather conditions for blasting at Tarrawonga.
2	7/3/2025	Complaints line	Blasting	A complaint was received regarding a loud noise following a blast at Tarrawonga Mine site that scared birds in the area.	The complainant was contacted and advised that the blast observed was within compliance approved monitoring limits for blasting at Tarrawonga.
3	21/3/2025	Complaints Line	Traffic	A complaint was received regarding a Tarrawonga mine worker who overtook the complainant in an unsafe manner whilst using a road not authorised for general mine related traffic.	The incident was investigated by Tarrawonga coal. All mine workers and contractors have been advised of the need to travel to and from work in a safe manner and only use approved roads whilst travelling to or from the mine site.

Environmental Management Plans

TAR Management Plans

No management plans were submitted to the DPHI for review during the reporting period.

All Management Plans will be considered for review in the next reporting period as a trigger from the submission of the Annual Review.

BTM Strategies

The BTM Air Quality Management Strategy is undergoing internal review and is expected to be submitted to the Department as soon as possible.

Annual and Compliance Reporting

Annual Review and Annual Return Reports

The Annual Return and Annual Review were submitted in February and March consecutively, and are waiting on assessment by the respective departments (EPA and DPHI). The Annual Review will be displayed on our website upon approval.

Tyre Disposal

TCM completed a round of tyre disposal in July, 2024. TCM disposed of 94 HV tyres through in-pit disposal. These were disposed of in the TN Pit as per approval conditions, and this was reported in the Annual Return for the EPA in January 2025.

TCM (and all other mines throughout NSW) no longer retains the licence to dispose of tyres in pit after expiry. The EPA are currently reassessing all EPLs and this licence condition. Until such a time as a licence is reissued or other decision is made regarding HV tyres, TCM will be storing tyres on the surface level on site as per the previous licence conditions (200m²).

Annual Compliance EPBC statement

The Annual Compliance EPBC statement was submitted to DAWE in June 2024.

Annual National Pollutant Inventory (NPI) and Greenhouse Gas Emission (NGERs) Reports

TCM has submitted information for the NPI and NGERs reports in September 2024, and these were approved and reports are available. The next reporting period will be in September 2025.

Audits - Compliance

Tarrawonga underwent their Independent Environmental Audit and Independent Biodiversity Audit, in June of 2023. These audits are required by the Project Approval PA11_0047, and EPBC Act respectively.

The next audit will be conducted on a three-year cycle, expected in June of 2026.

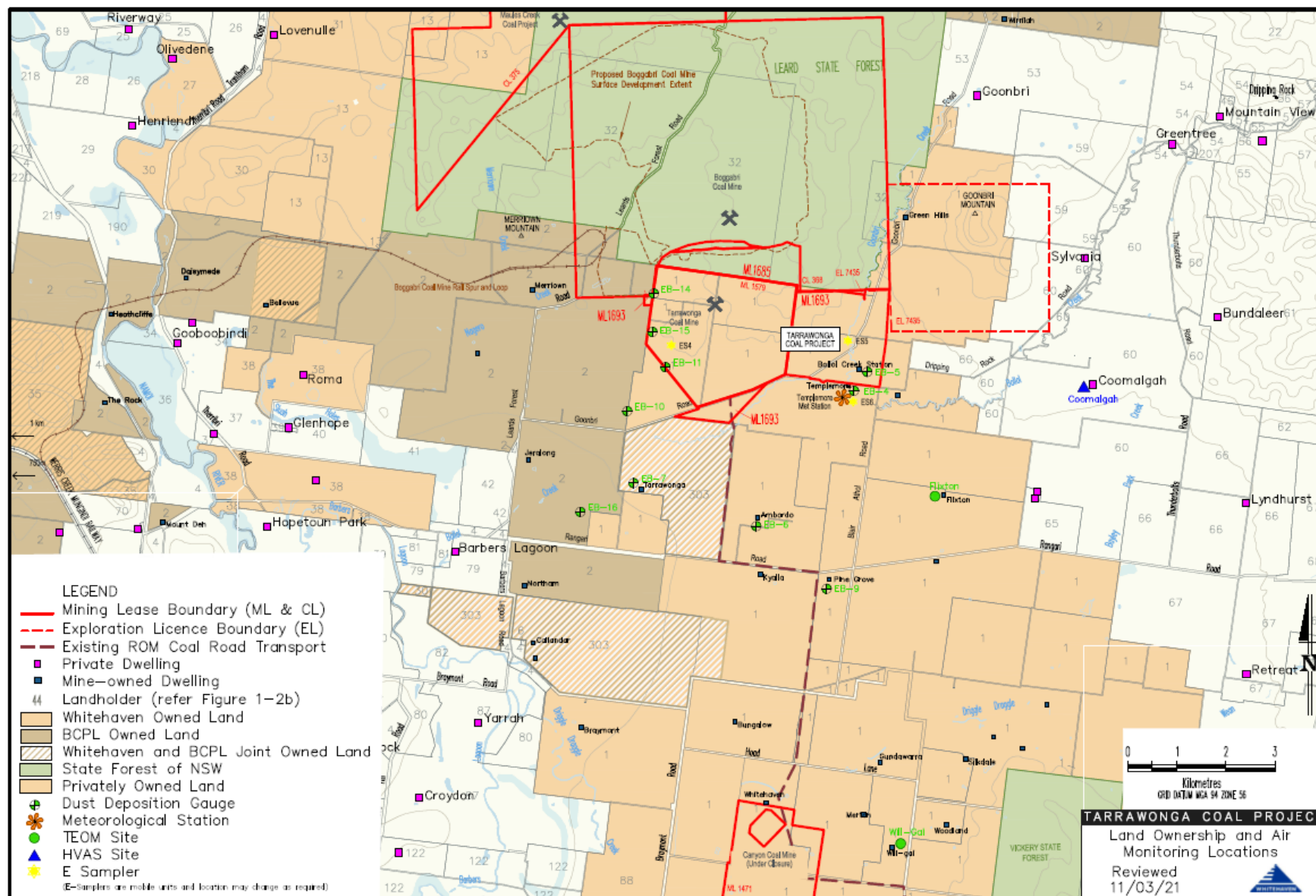
Approvals and Licencing

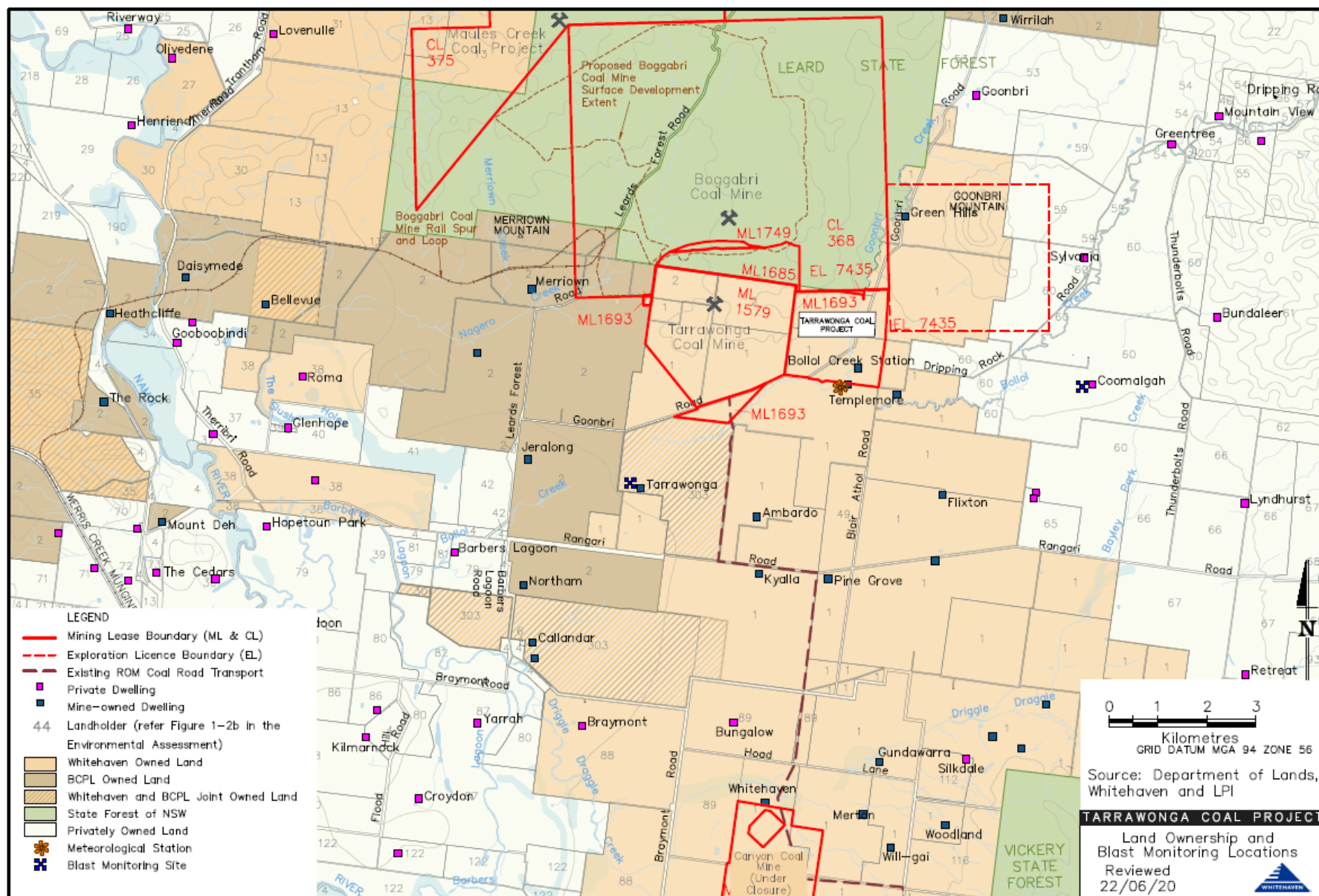
Tarrawonga's MP11_0047 Modification 10 was approved on the 19th October 2023. This modification is in relation to Haul truck hours. Tarrawonga has updated and submitted relevant management plans (Noise and Traffic) to align with this modification. These hours were enacted on the 12th of December 2023, and communication was sent out to stakeholders regarding this.

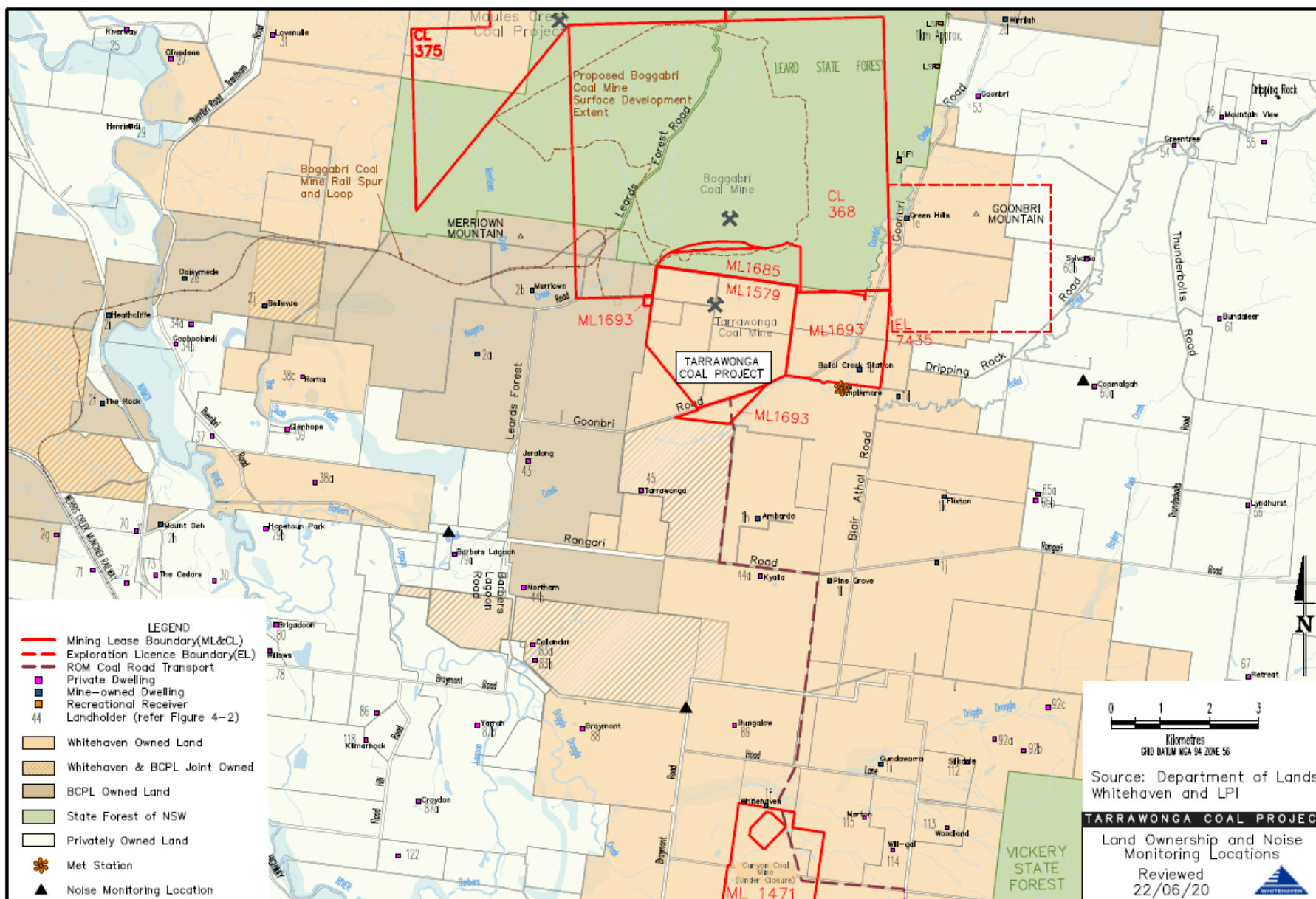
No additional modifications are expected in the foreseeable future.

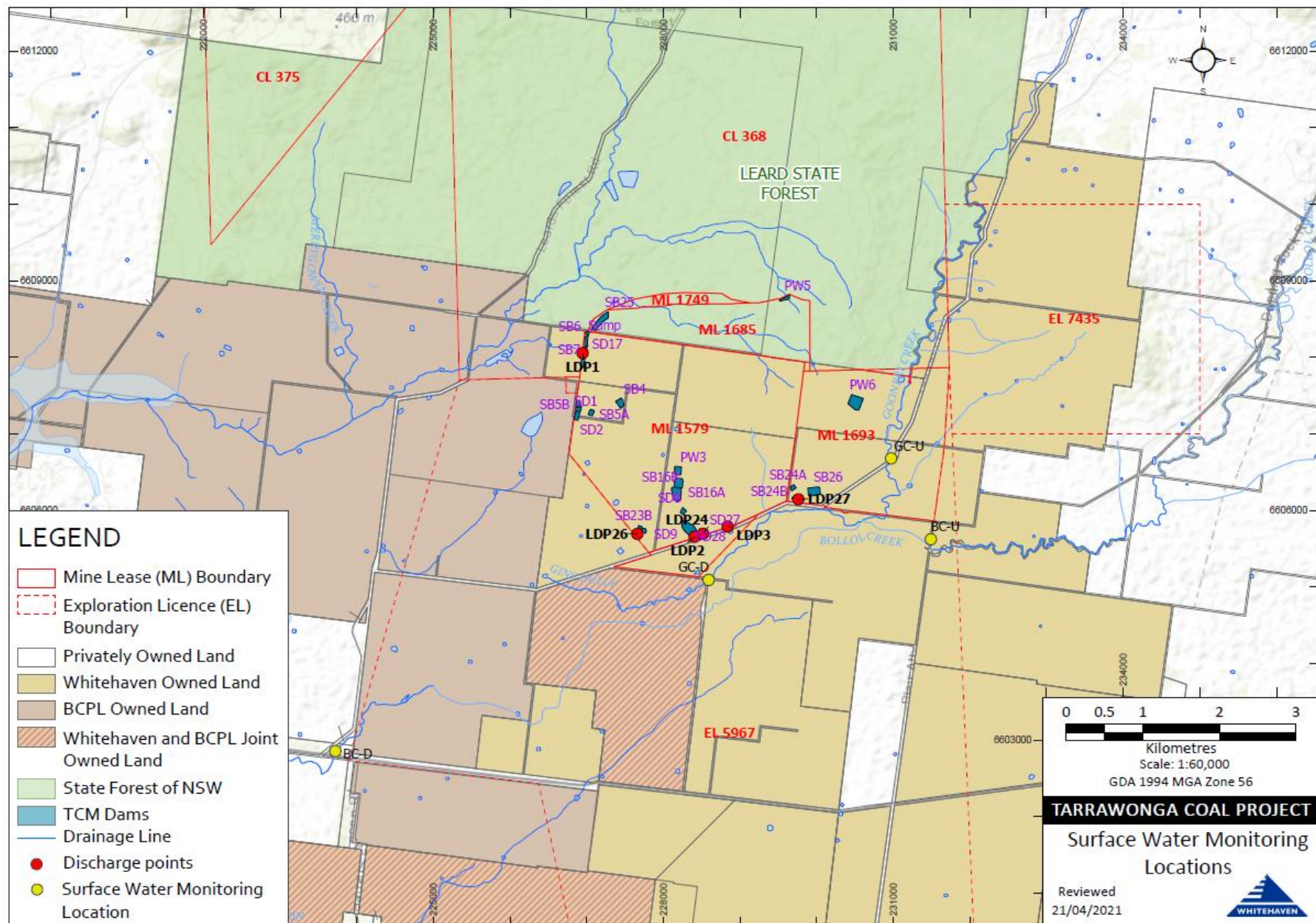
As previously mentioned, TCMs licence to bury tyres through in pit disposal has now ceased. Further updates to these conditions or any further decisions regarding HV Tyres will be communicated here.

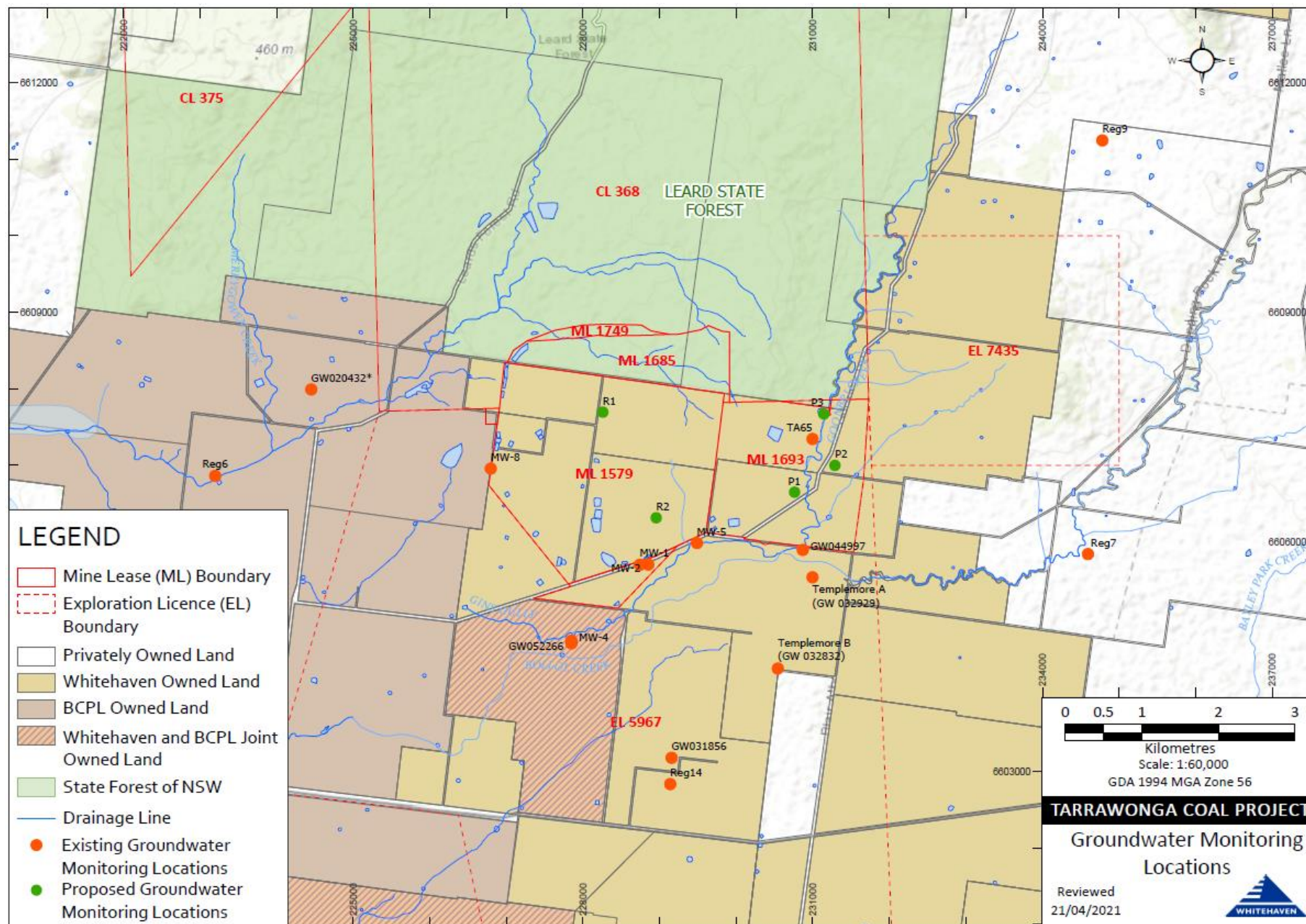
Appendix A



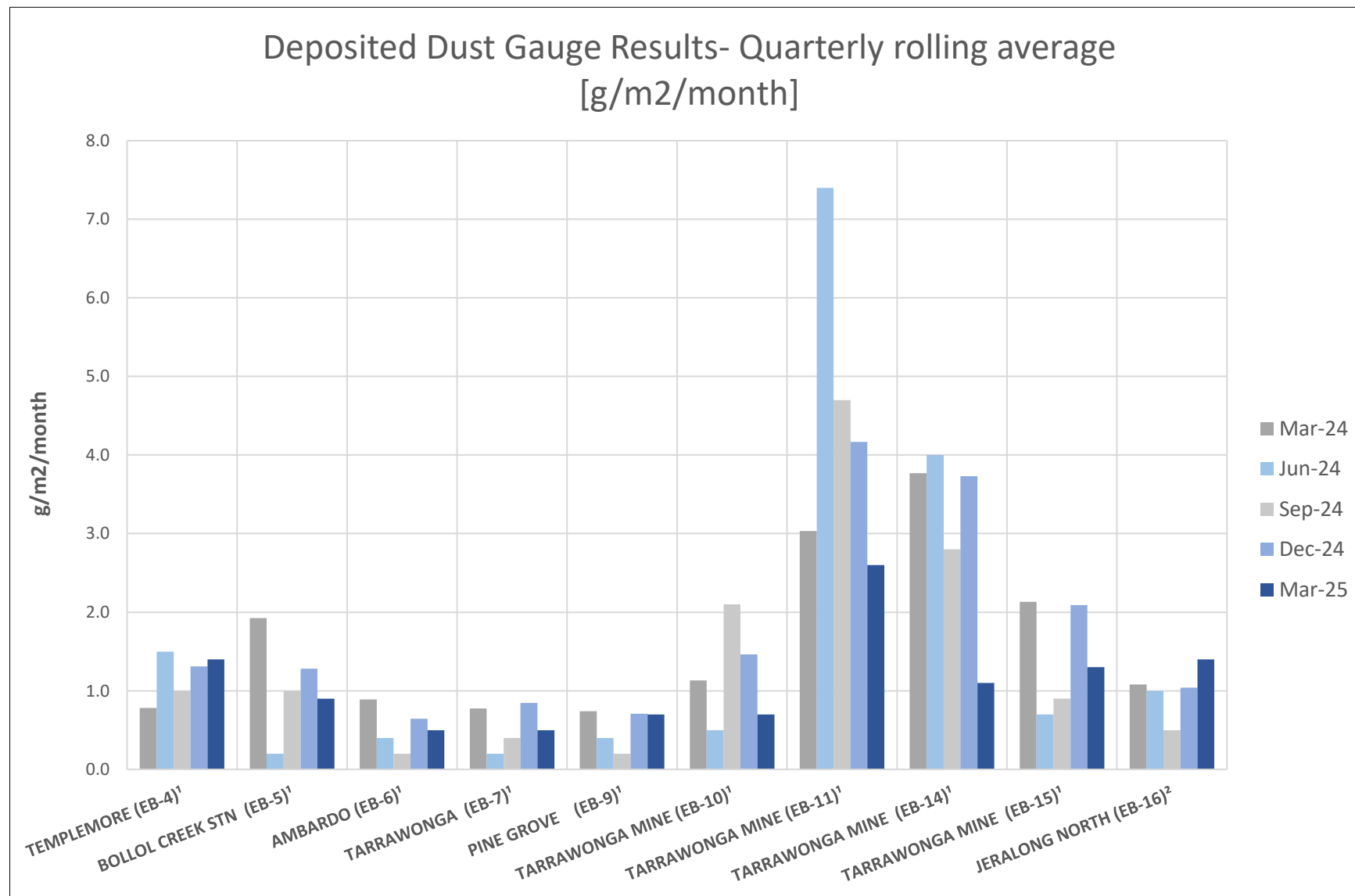




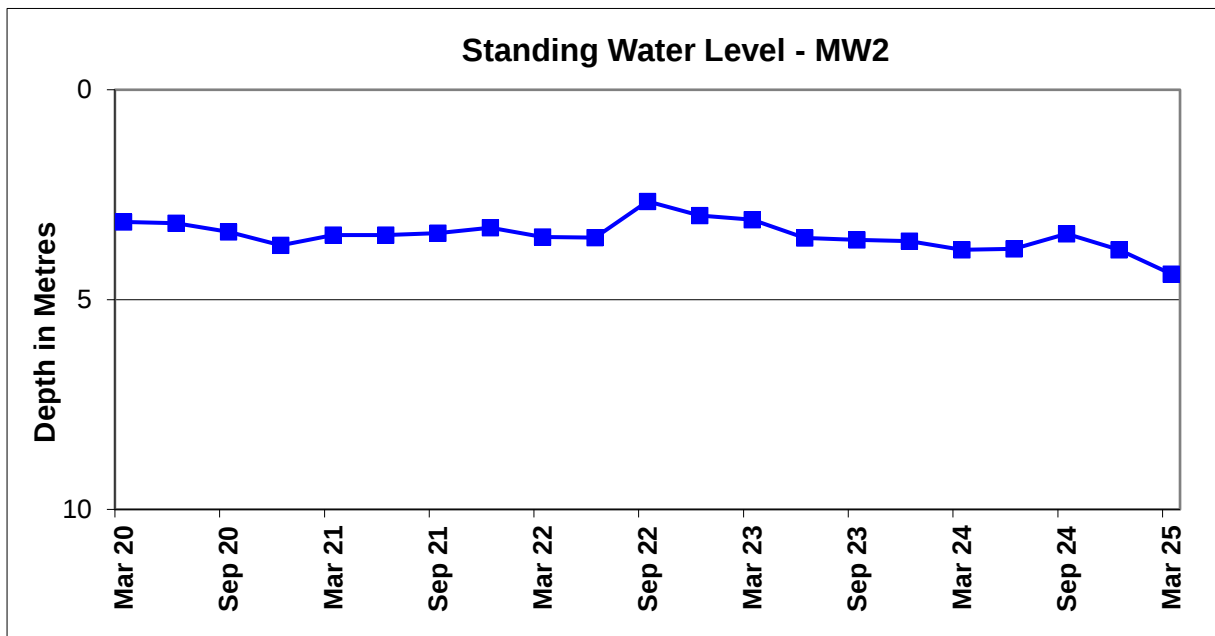
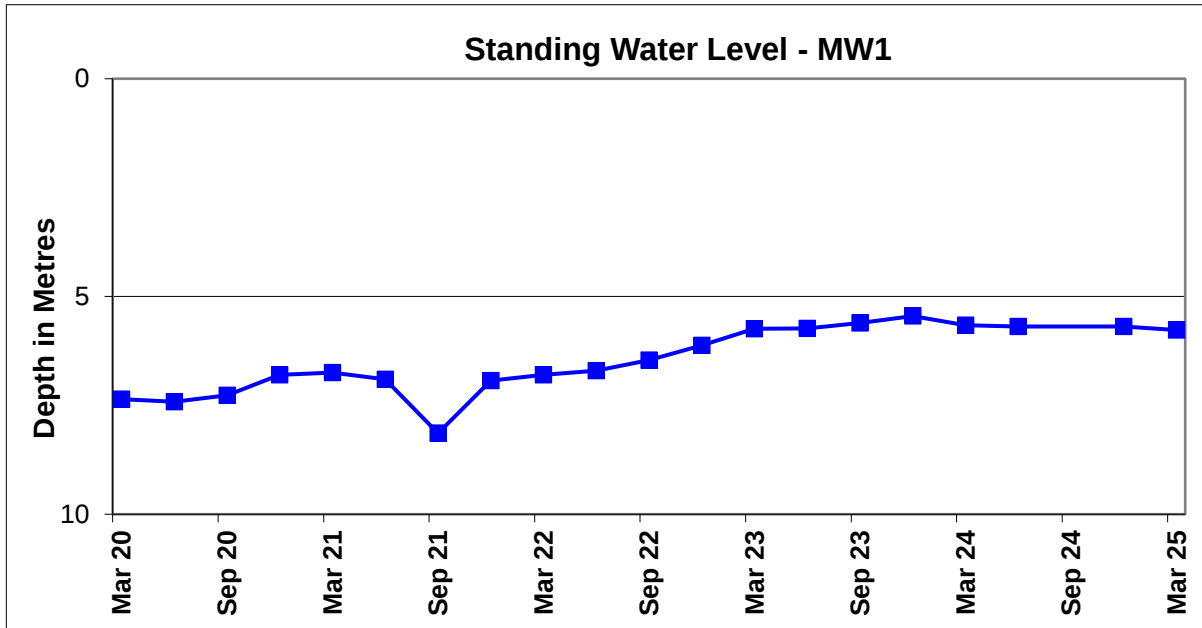


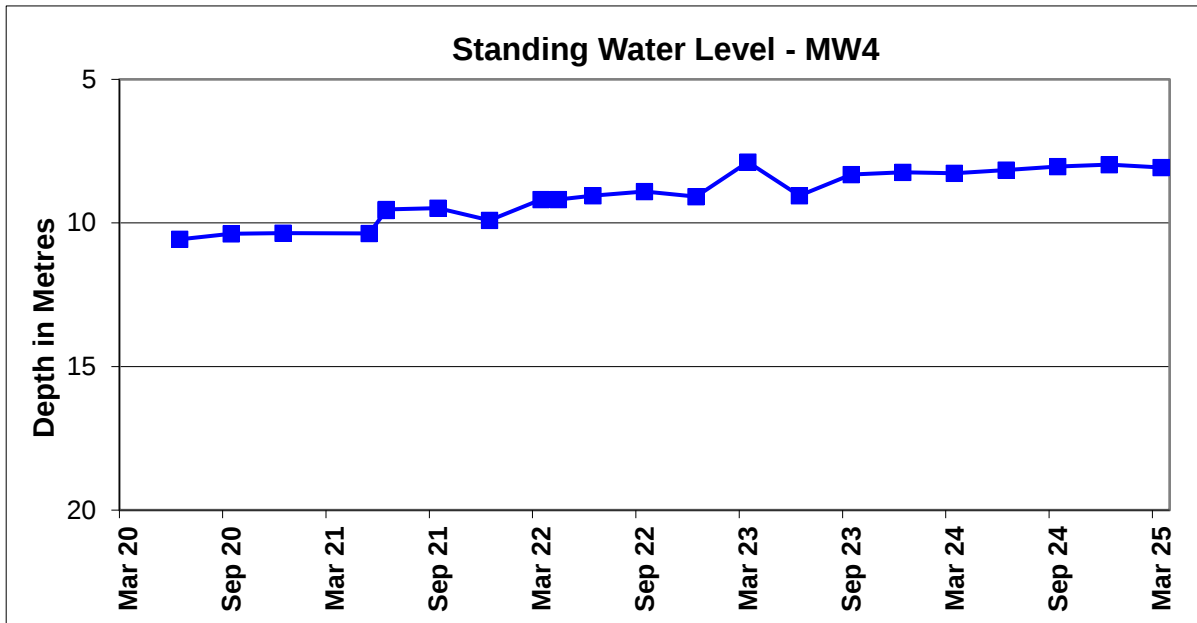


Appendix B



Appendix C





- Minutes:** Minutes of the 81st Meeting of the Tarrawonga Coal Community Consultative Committee held at the Boggabri Golf Club, Kamilaroi Highway, Boggabri on Wednesday 3 September 2025 commencing at 10.05 am.
- Members Present:** Elizabeth O’Hara (EOH) – Community Representative, Mark Hathaway (MHa) – Community Representative, Cr E. Towns – Narrabri Shire Council [video link], Bhavika Khot (BK) – Gunnedah Shire Council, Matt Hollis (MH) – Tarrawonga Coal Mine, Keely Boyton (KB) – Tarrawonga Coal Mine
- Observers:** Jabin De Kiezer (JdeK) - Whitehaven, Felcina Fitzgerald (FF) – Gunnedah Shire Council.
- Apologies:** Lloyd Finlay (LF) – Community Representative, Darren Swain (DS) - Whitehaven Coal, Wade Hudson (WH) - Gunnedah Shire Council, Cr Rob Hooke (RH) – Gunnedah Shire Council, Cr Jocellin Jansson (JJ) – Narrabri Shire Council
- Independent Chair:** Michael J. Silver OAM (MJS)

Agenda Item	Discussion	Action/By Whom
1.	Welcome and Apologies – MJS welcomed everyone to the meeting, in particular the representatives from Narrabri Shire Council and Gunnedah Shire Council attending their first meeting.	
2.	Acknowledgement of Country - The Chair acknowledged the Traditional Owners of the land on which the meeting is being held and their continuing connection to land, water, and culture, paying respects to their Elders past, present and emerging.	
3.	Declaration of pecuniary or other interests – EOH has a small package of WHC shares. MJS expenses as Chair are borne by TCM.	
4.	Minutes from Previous Meeting – Members noted that the minutes of the meeting of 14 May 2025 were approved on 3 June 2025. EOH questioned the content of minute 10.1 Whitehaven Coal Limited v Chief Commissioner of State Revenue. She suggested the minute should read “<i>EOH noted the NSW Supreme Court hearing 8-9 April: Whitehaven Coal Limited v Chief Commissioner of State Revenue with Whitehaven claiming royalty notices are excessive having regard to the matter of the company’s unique relationship having ‘negative royalties’.</i>” EOH also suggested the Chair’s note attached to the minute was not required. MJS agreed to amend the minute to include the reference to “negative royalties” but declined the request to remove the Chair’s note, advising it was taken directly from the Court’s summary of the decision and closed off the matter. On a matter of posting of minutes and presentations on the Proponent’s website, EOH requested that all documents be contained in the one file. MH agreed to combine all documents when they posted on the website.	
5.	Business Arising Nil	
6.	Actions from Previous Meeting Nil	
7.	Correspondence Nil	
8.	Proponent’s Environmental Monitoring Report <i>A copy of the Quarterly Environmental Report is attached to the minutes.</i> MH stepped the Committee through the report. Noise MH advised that attended noise monitoring was conducted at the “Bungalow” (TN4), “Barbers Lagoon” (TN3) and “Matong” (TN2) properties from 16 June to the 20 June 2025. Noise criteria for the mine is 35dB(A) Leq (15 min) for all operating times. There were no exceedances of operational noise criteria.	

Road Noise monitoring was also conducted during this reporting period. The results of the noise monitoring confirm that the mine related traffic noise levels on the days of monitoring were lower than the daytime criterion of 60 dB(A) Leq (15 hour).

Blast Monitoring

MH advised there had been fifteen blasts during the reporting period. The maximum overpressure (105.8 dB) and ground vibration (0.6 mm/s) for the quarter was compliant and did not exceed the blasting criteria declared in the project approval and Blast Management Plan (BMP).

Air Quality Monitoring

MH provided a summary of air quality monitoring. He noted deposited dust trends remain steady during the reporting period some monitors are displaying non-mine related particulate matter deposition more regularly than others. Non-mine related particulate matter could be attributed to organic matter (such as leaves, mice, frogs, insects, or bird faeces that fall into the bottles), or they may be in farming locations.

The High-Volume Air Sampler (HVAS) installed at the 'Coomalgah' property monitors levels of Particle Matter under 10 microns (PM10). It operates for 24hr every 6 days. All 24 hours average values recorded for the quarter are below 50µg/m3 in accordance with the management plan.

MH also highlighted a real time air quality unit (TEOM) is located at the "Flixton" property to monitor PM10 levels in ambient air, as per the current Air Quality and Greenhouse Gas Management Plan and three portable dust (PM10) monitors utilised to improve the real time dust monitoring network.

Ground/Surface Water

MH stepped the Committee through the Water Monitoring table, noting there were no anomalies.

MH reported that water storage onsite is expected to be sufficient for at least the next 12 months. TCM undertook three controlled discharge events on the 2 April, 27 May, and 29 May 2025. An approximate 49ML total was discharged through licenced discharge points at these times. EOH enquired whether the mine was closed during these water related events. MH responded that the only closure was for a 24-hour period.

Rehabilitation and Clearing

MH explained the rehabilitation program with the current rehabilitation commitment sits at 53.1ha for the calendar year, which equates to approximately 30.4Ha of Landform and 22.7Ha of Ecosystem Establishment. He noted the Ecosystem Establishment had been completed by the end of the June 2025. The target of 22.7 ha was exceeded, with 23.9 ha of Ecosystem Establishment being completed.

EOH sought clarification on the purpose of the Ecosystem Establishment. MH responded that it is designed to support the return initially of mice and other ground bearing animals. Combined with the maintenance of tree hollows, this supports in time the return of apex predators – “allowing nature to do its thing.”

FF enquired whether tours of the rehabilitated areas can be arranged. MH indicated that he is happy to show people the results of the rehabilitation program. He noted approximately 16000 trees had been planted with agronomist sampling and assessing soil quality to support the ecologist’s report and guide successful rehabilitation efforts.

MH advised that 12.9 ha was scheduled to be cleared, however only 8 ha was cleared by the end of April 2025 due to pit progression being reprogrammed. EOH questioned whether the residual 5 hectares would be required to be cleared. MH indicated that it probably would be cleared by the end of the mine’s life, but only if it is needed.

Complaints

MH advised there were no new complaints during the reporting period.

Environmental Management Plans

MH advised that the Tarrawonga Offset Management Plan 2025 (OMP) was submitted to the DPHI during the reporting period and approved in early July 2025.

MH also advised that All Management Plans have been reviewed in the reporting period, and the Blast Management Plan was submitted to the DPHI in June 2025 and is awaiting review.

MH indicated the BTM Air Quality Management Strategy is undergoing an internal review and will be lodged with DPHI shortly.

Annual and Compliance Reporting

MH noted that the Annual Return was submitted in February and March consecutively. The Annual Review 2024 has been approved during the reporting period and is available to view on the Tarrawonga public website.

Tyre Disposal

MH reported that there will be no tyre disposal this year. He advised that the approval to bury tyres expired on 31 December 2025 and that ongoing approval is subject to a recycling trial.

EOH enquired how many tyres are being stored awaiting disposal. MH responded, less than one hundred. EOH question whether the mine is charged for burying tyres. MH advised that a contractor is paid to bury the tyres but there is no penalty for burial. A fee is paid to Tyre Stewardship Australia. EOH questioned when Whitehaven would more proactively pursue tyre recycling? MH responded, when acceptable commercial arrangements are available. EOH enquired as to the weigh of HV tyres.

MH indicated that each tyre was around four tonnes which includes rubber, steel, and Kevlar. The rubber content is high however the size and weigh make them difficult to recycle particularly from a safety perspective.

Audit

MH advised that the next Independent Environmental Audit and Independent Biodiversity Audit is expected to be conducted in June of 2026.

Approval/Licencing

The Committee noted the contents of the presentation. MH advised that TCM has lodged a Scoping Report with DPHI in relation to Modification 11 (MOD 11) relating to amendments to haulage routes.

Operation Overview

Current Safety Performance

The Committee assessed the current safety performance with MH advising that the Total Recordable Injury Frequency Rate (TIRFR) was 3.6, that is no change in the safety status in the last quarter. EOH enquired what has underpinned this outcome. MH advised that creating work culture through signage and induction processes which supports operational safety awareness. Water

Gunnedah Open Cut

Proposed Modification

MH advised that Tarrawonga, Vickery and Rocglen Coal Mines Project Approvals include conditional limits on annual ROM coal road haulage. He indicated that the proposed Modification would permit increasing the tonnage hauled per truck from 3.5 tonnes to 3.8 tonnes, which is the National Heavy Vehicle Regulator capacity limit for the vehicles. The proposal does not increase the number of trucks from the mines to the Coal Handling and Preparation Plant (CHPP) or their frequency.

MH indicated that as the Vickery mine develops alternative haulage and coal handling treatment options will be examined.

Next Steps

MH outlined the next steps in the Modification process.

- Submission of the combined Modification Report - August.
- Relevant NSW government agency and local Council review.
- Further engagement with stakeholders during the assessment process.
- Assessment and determination of the application by DPHI.

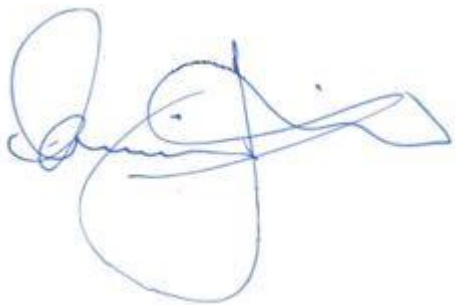
MJS enquired whether the Modification will be publicly exhibited. JdeK took the question on notice.

ACTION

9.	Other Agenda Items Nil	
10.	General Business 10.1 Air Quality Monitoring – EOH expressed concern over air quality issues because of the combined impact of the mines in the Namoi Valley. She questioned the extent of air quality monitoring and its effectiveness. MH responded that the various Whitehaven mines undertake air quality monitoring, and the data is forwarded to the EPA. It is understood that the EPA maintain a air quality monitor in Gunnedah. MH noted that the Werris Creek Coal mine is in closure phase with air quality monitoring to cease and Whitehaven will not be maintaining the equipment. The Chair advised that it is uncertain whether the EPA will be installing additional air quality monitoring equipment in the region or taking over existing monitors. The Chair advised that Mr Lindsay Fulloon had been invited to the October 2025 BTM Joint Mines CCC meeting to discuss air quality monitoring.	
13.	Next Meeting The next meeting is scheduled for 29 October 2025.	

Meeting closed at 11.15 am.

Approved:



Michael J. Silver OAM
Independent Chair

2 October 2025

Appendix 1: Actions

Action No	Description	Date Raised	Page No	Status
1	TCM to explore feasibility of presenting a slide in future of injuries falling / rising	14.02.24	3	COMPLETED 13.11.24
2	TCM to provide link to Sustainability Report	14.02.24	3	COMPLETED 15.05.24
3	MW to investigate if Social Impact Plan was available	14.02.24	4	COMPLETED 15.05.24
4	MJS to advise Ms Druce that the proposition should be discussed with NSC and RFS.	15.05.24	2	COMPLETED 06.06.24
5	That the Tarrawonga Coal Mine Rehabilitation Objectives be presented at the October 2024 CCC meeting.	29.08.2024	3	COMPLETED 13.11.224
6	JdeK to advise whether DPHI will publicly exhibit proposed haulage Modification.	03.09.2025	5	

Tarrawonga Coal Mine Community Consultative Committee Meeting #81

**Quarterly Environmental Monitoring Report
April 2025 – June 2025**



Photo taken March 2025 showing rehabilitation progression of the Northern Rehab (planted approx. 2019)

This report has been prepared for the Community Consultative Committee (CCC) meeting to show Environmental monitoring performance at Tarrawonga Coal Mine (TCM) for the reporting period from April 1 2025 to June 30 2025. Maps with all the monitoring locations are available in *Appendix A*.

Noise Monitoring

Attended Noise Monitoring was conducted during this period.

Attended noise monitoring was conducted at the “Bungalow” (TN4), “Barbers Lagoon” (TN3) and “Matong” (TN2) properties from 16th June to the 20th June 2025. Noise criteria for the mine is 35dB(A) Leq (15 min) for all operating times.

Results below show that noise emissions from the mine did not exceed operational noise criteria at the “Barbers Lagoon”, “Bungalow” or “Matong” monitoring locations for any monitoring events during the monitoring period.

(See below summary tables extracted from Tarrawonga Coal Mine Noise Monitoring – Q2 June 2025)

Table 1 TCM Operational Noise Monitoring Results – 16 June 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	8:03pm	31	1.6 / 035 / D	TCM (30), insects (21)
Barbers Lagoon – TN3	9:30pm	27	1.1 / 041 / E	Traffic (24), insects (21), TCM (21)
Bungalow – TN4	8:53pm	26	0.8 / 161 / E	Insects (23), TCM (23)

Table 2 TCM Operational Noise Monitoring Results – 16-17 June 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	12:34am	30	1.7 / 050 / E	TCM (29), insects (21)
Barbers Lagoon – TN3	10:00pm	24	1.7 / 042 / E	TCM (22), insects (20)
Bungalow – TN4	11:09pm	26	1.3 / 100 / E	Traffic (24), insects (22), TCM (<20)

Table 3 TCM Operational Noise Monitoring Results – 17 June 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:24am	36	1.5 / 231 / C	Birds (34), TCM (32)
Barbers Lagoon – TN3	2:06pm	50	0.8 / 218 / B	Traffic (50), birds (38), TCM (<20)
Bungalow – TN4	12:19pm	46	1.2 / 223 / B	Traffic (45), birds (36), <u>aeroplane</u> (31), insects (24), TCM (<20)

Table 4 TCM Operational Noise Monitoring Results – 17 June 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	7:48pm	33	2.2 / 035 / E	TCM (30), <u>aeroplane</u> (29)
Barbers Lagoon – TN3	9:23pm	25	2.0 / 036 / E	Traffic (25), TCM (<20)
Bungalow – TN4	8:40pm	28	2.3 / 040 / E	TCM (27), traffic (21)

Table 5 TCM Operational Noise Monitoring Results – 17-18 June 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:11pm	32	1.2 / 041 / E	TCM (31), mine (25)
Barbers Lagoon – TN3	12:33am	26	1.4 / 044 / E	Traffic (26), TCM (<20)
Bungalow – TN4	11:23pm	28	1.4 / 029 / E	Traffic (25), cows (22), mine (20), TCM (<20)

Table 6 TCM Operational Noise Monitoring Results – 18 June 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:26am	52	1.9 / 241 / C	Traffic (51), birds (46), TCM (26)
Barbers Lagoon – TN3	1:54pm	59	2.6 / 221 / D	Traffic (59), birds (34), TCM (29)
Bungalow – TN4	12:13pm	31	2.5 / 228 / C	Birds (30), TCM (24)

Table 7 TCM Operational Noise Monitoring Results – 18 June 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	6:11 pm	33	1.5 / 180 / D	Cattle (33), TCM (<20)
Barbers Lagoon – TN3	7:45 pm	31	1.5 / 52 / D	Dogs (31), TCM (<20)
Bungalow – TN4	7:03 pm	43	1.4 / 152 / D	Cars (43), TCM trucks (31), TCM (<20)

Table 8 TCM Operational Noise Monitoring Results – 18-19 June 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	12:38am	40	0.2 / 261 / F	Insects (40), TCM (<20)
Barbers Lagoon – TN3	10:08pm	51	0.9 / 154 / F	Cars (51), TCM (<20)
Bungalow – TN4	11:19pm	34	2.0 / 30 / E	Birds (31), wind (31), TCM (<20)

Table 9 TCM Operational Noise Monitoring Results – 19 June 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	11:08am	36	1.4 / 272 / B	Birds (46), TCM (<20)
Barbers Lagoon – TN3	2:38pm	48	2.7 / 211 / D	Birds (46), cars (42), TCM (23)
Bungalow – TN4	12:56pm	44	1.7 / 229 / D	Birds (44), TCM (24)

Table 10 TCM Operational Noise Monitoring Results – 19 June 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	9:17pm	31	0.7 / 38 / F	Cattle (30), TCM (25)
Barbers Lagoon – TN3	7:41pm	52	2.1 / 41 / E	Cars (52), TCM (<20)
Bungalow – TN4	8:26pm	42	2.0 / 102 / D	Cars (39), Tractor (38), TCM (<20)

Table 11 TCM Operational Noise Monitoring Results – 19-20 June 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:03pm	24	1.5 / 72 / F	Cattle (24), TCM (<20)
Barbers Lagoon – TN3	12:43am	29	0.9 / 240 / E	Birds (26), TCM (<20)
Bungalow – TN4	11:22pm	31	0.7 / 296 / F	Car (31), TCM (<20)

Table 12 TCM Operational Noise Monitoring Results – 20 June 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	11:05am	51	1.8 / 233 / C	Birds (51), TCM (25)
Barbers Lagoon – TN3	7:33am	57	0.8 / 300 / D	Cars (57), birds (47), TCM (28)
Bungalow – TN4	9:14am	42	1.2 / 224 / C	Cars (40), birds (36), TCM (26)

Table 13. Low-frequency analysis – Matong – TN2 10:24 am													
Hz/dB(Z)	One-third octave L _{Zeq,15min} threshold level												
Frequency (Hz)	10	12.5	16	20	25	31.5	40	50	63	80	100	125	160
TN2, dB(Z)	--	43	48	44	47	44	47	46	44	46	45	40	32
Threshold, dB(Z)	92	89	86	77	69	61	54	50	50	48	48	46	44
Exceedance, dB	--	0	0	0	0	0	0	0	0	0	0	0	0

The results in Tables 13 show no exceedance of the low-frequency criteria.

Table 14. Low-frequency analysis – Matong – TN2 10:11 pm													
Hz/dB(Z)	One-third octave L _{Zeq,15min} threshold level												
Frequency (Hz)	10	12.5	16	20	25	31.5	40	50	63	80	100	125	160
TN2, dB(Z)	--	43	45	43	42	41	44	43	40	41	41	41	30
Threshold, dB(Z)	92	89	86	77	69	61	54	50	50	48	48	46	44
Exceedance, dB	--	0	0	0	0	0	0	0	0	0	0	0	0

The results in Tables 14 show no exceedance of the low-frequency criteria.

Noise from the mine must not exceed 45 dB(A) L₁ (1 min) between 10 pm and 7 am. This criterion is to minimise the potential for sleep disturbance because of individual loud noises from the mine.

Table 15 TCM Sleep Disturbance Monitoring Results – 16-17 June 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	12:34am	35	35	TCM	1.7 / 050 / E
Barbers Lagoon – TN3	10:00pm	30	26	Insects	1.7 / 042 / E
Bungalow – TN4	11:09pm	28	<20	Insects	1.3 / 100 / E

1. L1 (1 min) – total measured level.
2. L1 (1 min) – TCM noise only.

Table 16 TCM Sleep Disturbance Monitoring Results – 17-18 June 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:11pm	36	36	TCM	1.2 / 041 / E
Barbers Lagoon – TN3	12:33am	31	<20	Traffic	1.4 / 044 / E
Bungalow – TN4	11:23pm	35	<20	Traffic	1.4 / 029 / E

Table 17 TCM Sleep Disturbance Monitoring Results – 18-19 June 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	12:38am	42	<20	Insects	0.2 / 261 / F
Barbers Lagoon – TN3	10:08pm	55	<20	Traffic	0.9 / 154 / F
Bungalow – TN4	11:19pm	38	<20	Birds	2.0 / 30 / E

Table 18 TCM Sleep Disturbance Monitoring Results – 19-20 June 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:03pm	30	<20	Cattle	1.5 / 72 / F
Barbers Lagoon – TN3	12:43am	31	<20	Birds	0.9 / 240 / E
Bungalow – TN4	11:22pm	45	<20	Car	0.7 / 296 / F

Results of attended monitoring show that the measured L1 (1 min) noise level did not exceed sleep disturbance criteria.

The real time noise monitor located on the “Coomalgah” property remains a management tool, so the noise criteria are not applicable at that site. Levels of noise recorded at that location are managed according to the Noise Management Plan and Trigger Action Response Plan.

Road Noise monitoring was also conducted during this reporting period.

Road noise monitoring was conducted at the “Brooklyn”, “Werona” on Blue Vale Road and “Longlands” and “Cedarvale” on the Kamlaroi Highway, from the 7th June 2025. Noise criteria for the mine is 60dB(A) Leq (15 hour) during the day/evening and 55 dB(A) Leq (15 hour) during the night.

Over the course of the measurement period at the “Longlands” and “Cedarvale” boundary there were 22 coal truck movements related to WHC. The calculated contribution from mine-related vehicles was **53 dB(A), Leq (1 hour)**.

On the day of monitoring, during the 9-hour period 7am – 4pm, there were 180 truck movements, averaging 20 movements per hour. Accounting for all trucks for this day occurring in the one-hour measurement period and then averaging out over the fifteen-hour assessment period gives a level of **53 dB(A), Leq(15 hour) at the boundary of “Longlands” and “Cedarvale”**.

Over the course of the measurement period at Residence 1 at “Brooklyn” there were 23 coal truck movements related to WHC. Other noise sources observed throughout the monitoring period included a contribution from birds, wind, and other traffic on Blue Vale Road. All of this extraneous noise was removed during the analysis process.

Considering an 11 dB distance loss for the additional distance from the measurement location to Residence 2, the calculated contribution from mine-related vehicles to the overall noise level was **32 dB(A), Leq (1 hour) at “Brooklyn”**.

Over the course of the measurement period at “Werona” there were 24 coal truck movements related to WHC. The calculated contribution from mine-related vehicles at “Werona” was **46 dB(A), Leq (1 hour)**.

Accounting for all trucks for this day occurring in the one-hour measurement period and then averaging out over the fifteen-hour assessment period gives levels of **45 dB(A), Leq (15 hour) at “Werona”**.

The results of the noise monitoring confirm that the mine related traffic noise levels on the days of monitoring were significantly lower than the daytime criterion of **60 dB(A) Leq (15 hour)**.

Blast Monitoring

Blasting Results

Since 2006, there have been 1373 blasts (until 30/06/2025) at TCM. 15 of these were during the reporting period.

Table 1 below displays the peak ground pressure and overpressure values recorded and dates at the compliance monitor on Coomalgah property during the quarter.

TCM overpressure and ground vibration for the quarter was compliant and did not exceed the blasting criteria declared in the project approval and Blast Management Plan (BMP).

Table 1 - Max Peak Overpressure and Ground Pressure for the Quarter

Monitor Location	Date	Max. Peak Overpressure (dB)	Criterion (dB)	Date	Max. Peak Ground Pressure (mm/s)	Criterion (mm/s)
Coomalgah	09-04-2025	105.8	120	10-06-2025	0.64	10

Air Quality Monitoring

Dust Deposition Gauge Results

Standard Australia AS/NZS 3580.10.1:2016, "Methods for sampling and analysis of ambient air – Determination of particulate matter – Deposited matter – Gravimetric Method," classifies deposited dust as insoluble solids. Therefore, TCM tests air quality monthly at mine-owned sites for indicative purposes, to infer compliance, against the limit of 4 g/m²/month.

Table 3 shows deposited dust gauge results over 12 months. All the dust monitors are located on project related or WHC owned land; as such compliance criteria (4g/m²/month) do not apply. While deposited dust trends remain steady during the reporting period (refer graph in *Appendix B*), some monitors are displaying non-mine related particulate matter deposition more regularly than others. Non-mine related particulate matter could be attributed to organic matter (such as leaves, mice, frogs, insects or bird faeces that fall in to the bottles), or they may be in farming locations, so during some months dust levels may be higher due to harvesting. To mitigate contamination from bird faeces, spikes have been added to the top of each dust gauge unit to deter birds from perching.

Table 2 - Deposited Dust Gauge Results [g/m2/month]

MONTH	TEMPLEMORE (EB-4)	BOLLOL CREEK STN (EB-5)	AMBARDIO (EB-6)	TARRAWONGA (EB-7)	PINE GROVE (EB-9)	TARRAWONGA MINE (EB-10)	TARRAWONGA MINE (EB-11) ¹	TARRAWONGA MINE (EB-14)	TARRAWONGA MINE (EB-15)	JERALONG NORTH (EB-16)
Jul-24	0.9	1.3	0.8	+0.8	0.7	1.1	3.9	3.6	2.5	0.9
Aug-24	0.9	1.4	0.7	+0.8	0.7	1.1	4.1	3.6	2.4	0.9
Sep-24	0.9	1.3	0.6	+0.8	0.7	1.2	4.1	3.5	2.2	0.9
Oct-24	1.1	1.3	0.6	+0.7	0.8	1.1	4.1	3.9	2.2	0.8
Nov-24	1.3	1.3	0.6	+0.7	0.8	1.1	4.2	3.8	2.2	1.0
Dec-24	1.3	1.3	0.6	+0.8	0.7	1.5	4.2	3.7	2.1	1.0
Jan-25	#5.3	1.8	0.8	+1.3	1.3	#4.3	2.8	2.8	1.1	#3.1
Feb-25	3.0	1.6	0.9	+1.2	0.6	1.9	4.4	2.9	1.2	#5.5
Mar-25	1.4	0.9	0.5	+0.5	0.7	0.7	2.6	1.1	1.3	1.4
Apr-25	1.2	1.2	0.8	+0.4	1.9	0.7	4	3.6	1.2	3.7
May-25	1.1	1.4	1.0	+1.2	1.1	#4.9	#5.3	#7.4	1.9	0.9
Jun-25	1.1	1.1	0.7	+0.6	0.7	0.9	#5.5	#4.3	0.7	1.5
12 MONTH ROLLING AVERAGE	1.2	1.3	0.7	0.8	0.9	1.1	3.8	3.5	1.8	1.3

Analysis done/ field comments on these bottles concluded that they are contaminated, often with low ash/insoluble matter. Often noted on field sheets are bird droppings, insects and plant matter. These are now excluded from the average calculation.

+ bottles not compliant for DDG testing, so results are not to be assessed against criteria alone. Still used to calculate average

¹DDG bottle on the fence line between TCM and BCM ROM.

^{N/A} bottle was removed with a fence by land occupant. No result available.

High Volume Air sampler (PM₁₀) Results

The High Volume Air Sampler (HVAS) installed at Coomalgah property monitors levels of Particle Matter under 10 micron (PM₁₀). It operates for 24hr every 6 days. **Table 3** shows that all 24hr average values recorded for this quarter are below 50µg/m³.

Table 3: HVAS PM₁₀ 24hr Quarterly Average levels

Date	24hr averaged PM ₁₀ (µg/m ³)	Criterion 24hr average (µg/m ³)	Comments
6/4/2025	14.6	50	
12/4/2025	10.5		
18/4/2025	20.5		
24/4/2025	24.8		
30/04/2025	8.2		
6/5/2025	5.9		
12/5/2025	11.8		
18/5/2025	14.8		
24/5/2025	8.8		
30/5/2025	7.1		
5/6/2025	0.7		
11/6/2025	3.4		
17/6/2025	10.8		
23/6/2025	25.7		
29/6/2025	25.4		

* results pending - lab report delayed.

Real-time Air monitoring (PM₁₀)

A real time air quality unit (TEOM) is located at the “Flixton” property to monitor PM₁₀ levels in ambient air, as per the current Air Quality and Greenhouse gas Management Plan. It is an operational management tool and dust levels nearing or reaching the nominated criteria will trigger actions onsite to assess the source of dust and modify operations if it is determined to be related to Tarrawonga operations.



Figure 1: TEOM installed at Flixton property

Three portable dust (PM₁₀) monitors have been utilised since Nov 2018 to improve the real-time dust monitoring network and assist the operation to mitigate any potential dust generated by the operation.



Figure 2: Portable and real-time dust monitor installed at TCM in November 2018

Water Monitoring

Groundwater

Routine groundwater monitoring results undertaken between June 2024 and July 2025, are shown in **Table 4** (refer to graphs in *Appendix C*).

Table 4: Groundwater results summary

Site	Date	SWL (mbgl)	pH (units)	Elect. Conductivity (µS/cm)
MW1	June 24	6.36	7.22	3,880
	September 24	2.61 – sampling error	7.53	3,470
	December 24	6.36	7.12	3,360
	March 25	6.44	7.03	3,050
	~July 25	6.43	7.15	3,340
MW2	June 24	4.58	7.64	831
	September 24	4.22	7.18	669
	December 24	4.6	7.55	592
	March 25	5.18	7.06	585
	~July 25	3.59	7.00	599
MW4	June 24	8.78	7.51	3,680
	September 24	8.66	7.70	3,410
	December 24	8.59	7.4	3,110
	March 25	8.69	7.08	3,140
	~July 25	8.51	7.35	3,250
MW5	June 24	3.61	7.85	892
	September 24	3.50	7.69	2,420
	December 24	2.77	7.17	2,720
	March 25	3.84	7.09	1,276
	~July 25	2.78	7.42	946
MW8*	June 24	Sampling error	Casing blocked	Casing blocked
	September 24	12.70		
	December 24	13.13		
	March 25	12.77		
	~July 25	12.41		

*Bore casing blocked historically. Investigations as to whether this bore is required for sampling purposes to be re-established are planned for the next financial year.

~Monitoring occurred 2nd and 3rd of July instead of June due to adverse weather conditions.

Surface Water

Water storage onsite is expected to be sufficient for at least the next 12 months. TCM undertook 3 controlled discharge events on the 2nd of April, 27th of May and 29th of May 2025. An approximate 49ML total was discharged through Licenced Discharge Points at these times.

Currently TCM has recorded 394.8mm of rain in 2025.

Table 5: Annual rainfall

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Monthly Rain (mm)	71.4	57.2	26	107	39.2	54.2	45.2	62.4	53.4	46	74	61.2	697.2
Cumulative (mm)	71.4	128.6	154.6	261.6	300.8	355	400.2	462.6	516	562	636	697.2	
2025	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Monthly Rain (mm)	50.2	36.4	181	101.2	64.8	21.2							394.8
Cumulative (mm)	50.2	86.6	267.6	308.8	373.6	394.8							

Rehabilitation and Clearing

Rehabilitation

The Annual Report was submitted in February, to close our rehabilitation commitments from 2024. This is now available on our website.

The Forward Program was also submitted at this time and our commitments for this calendar year and the two beyond are also available on our website. The current rehabilitation commitment sits at 53.1ha for the calendar year, which equates to approximately 30.4Ha of Landform and 22.7Ha of Ecosystem Establishment.

By the close of June 2025, TCM has completed preparing growth medium on top of the established landform, utilising sub soil from the cleared/stripped area directly on the surface.

As a result, TCM has completed this area as Ecosystem Establishment by the end of the financial year. TCM exceeded the target of 22.7 ha by completing 23.9 ha of Ecosystem Establishment in total.

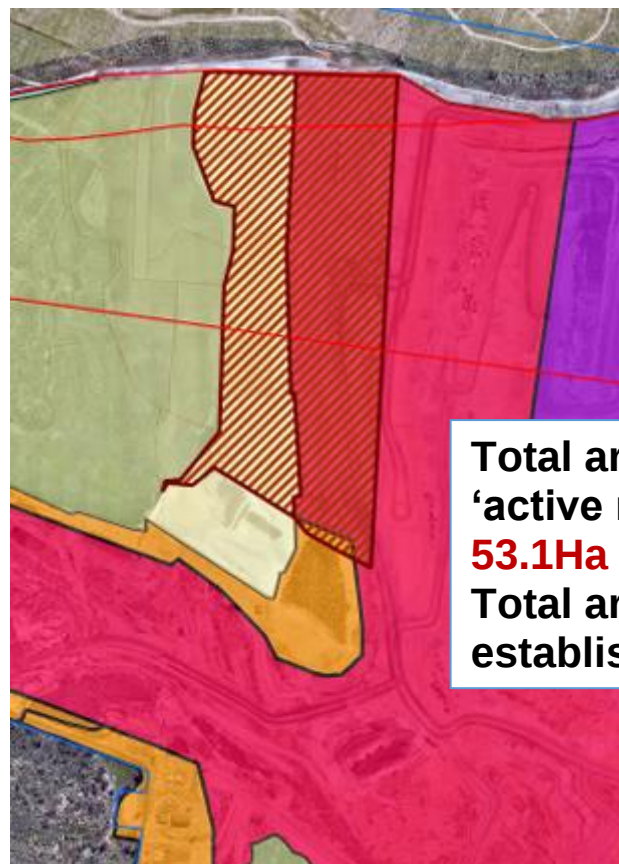
Trees on both the North and South rehab areas continue to successfully establish and grow on our historical rehabilitation areas. Ecologists attended site during November to assess the success of the rehabilitation. The resulting report will assist in building a maintenance schedule on the rehabilitation areas for the coming years. During Q2 TCM engaged an agronomist to sample and assess soil quality to support the ecologist's report and guide successful rehabilitation efforts. TCM also undertook tree planting in previous rehab areas to aid their ecosystem establishment.



Figure 3 South Rehab – Southern Rehab area after tree planting (June 2025).



Figure 4 Northern Rehab Area after topsoil and stag trees



**Total area scheduled for
'active rehabilitation':
53.1Ha
Total area of Landform
establishment: 30.13ha**

Figure 5: Rehabilitation area commitment in Forward Program 2025

Clearing

By the close of the reporting period of June, TCM had completed annual clearing. As per the Forward Program 12.9 ha was scheduled to be cleared, however only 8 ha was actually cleared during this time due to pit progression being reprogrammed. This was cleared and completed by the required date of 30th of April.

Complaints

No complaints were received during the reporting period.

#	Date of Complaint	Method	Category	Nature of Complaint	Tarrawonga response
1	7/3/2025	Complaints Line	Blasting	A complaint was received regarding a strong sulphur smell and loud noise following a blast at Tarrawonga Mine site.	The complainant was contacted and advised that the blast observed was within compliance approved monitoring limits and within required weather conditions for blasting at Tarrawonga.
2	7/3/2025	Complaints line	Blasting	A complaint was received regarding a loud noise following a blast at Tarrawonga Mine site that scared birds in the area.	The complainant was contacted and advised that the blast observed was within compliance approved monitoring limits for blasting at Tarrawonga.
3	21/3/2025	Complaints Line	Traffic	A complaint was received regarding a Tarrawonga mine worker who overtook the complainant in an unsafe manner whilst using a road not authorised for general mine related traffic.	The incident was investigated by Tarrawonga coal. All mine workers and contractors have been advised of the need to travel to and from work in a safe manner and only use approved roads whilst travelling to or from the mine site.

Environmental Management Plans

TAR Management Plans

The Tarrawonga Offset Management Plan 2025 (OMP) was submitted to the DPHI during the reporting period and approved in early July 2025. The Appendix for this report is still in review, once this is finalised the report will be made available on the public website.

All Management Plans have been reviewed in the reporting period as a trigger from the submission of the Annual Review. The Blast Management Plan was submitted to the DPHI in June 2025 and is awaiting review.

BTM Strategies

The BTM Air Quality Management Strategy is undergoing final stages of internal review and is expected to be submitted to the Department as soon as possible.

Annual and Compliance Reporting

Annual Review and Annual Return Reports

The Annual Return was submitted in February and March consecutively. The Annual Review 2024 has been approved during the reporting period and is available to view on the Tarrawonga public website.

Tyre Disposal

The most recent round of tyre disposal at TCM was in July, 2024. TCM disposed of 94 HV tyres through in-pit disposal. These were disposed of in the TN Pit as per approval conditions, and this was reported in the Annual Return for the EPA in January 2025.

During the reporting period TCM has been granted permission for tyre burial. TCM has not yet buried tyres during 2025. TCM has continued to store tyres on the surface level on site as per the previous licence conditions (200m²).

Annual Compliance EPBC statement

The Annual Compliance EPBC statement was submitted to DAWE in June 2025.

Annual National Pollutant Inventory (NPI) and Greenhouse Gas Emission (NGERs) Reports

TCM has submitted information for the NPI and NGERs reports in September 2024, and these were approved and reports are available. The next reporting period will be in September 2025.

Audits - Compliance

Tarrawonga underwent their Independent Environmental Audit and Independent Biodiversity Audit, in June of 2023. These audits are required by the Project Approval PA11_0047, and EPBC Act respectively.

The next audit will be conducted on a three-year cycle, expected in June of 2026.

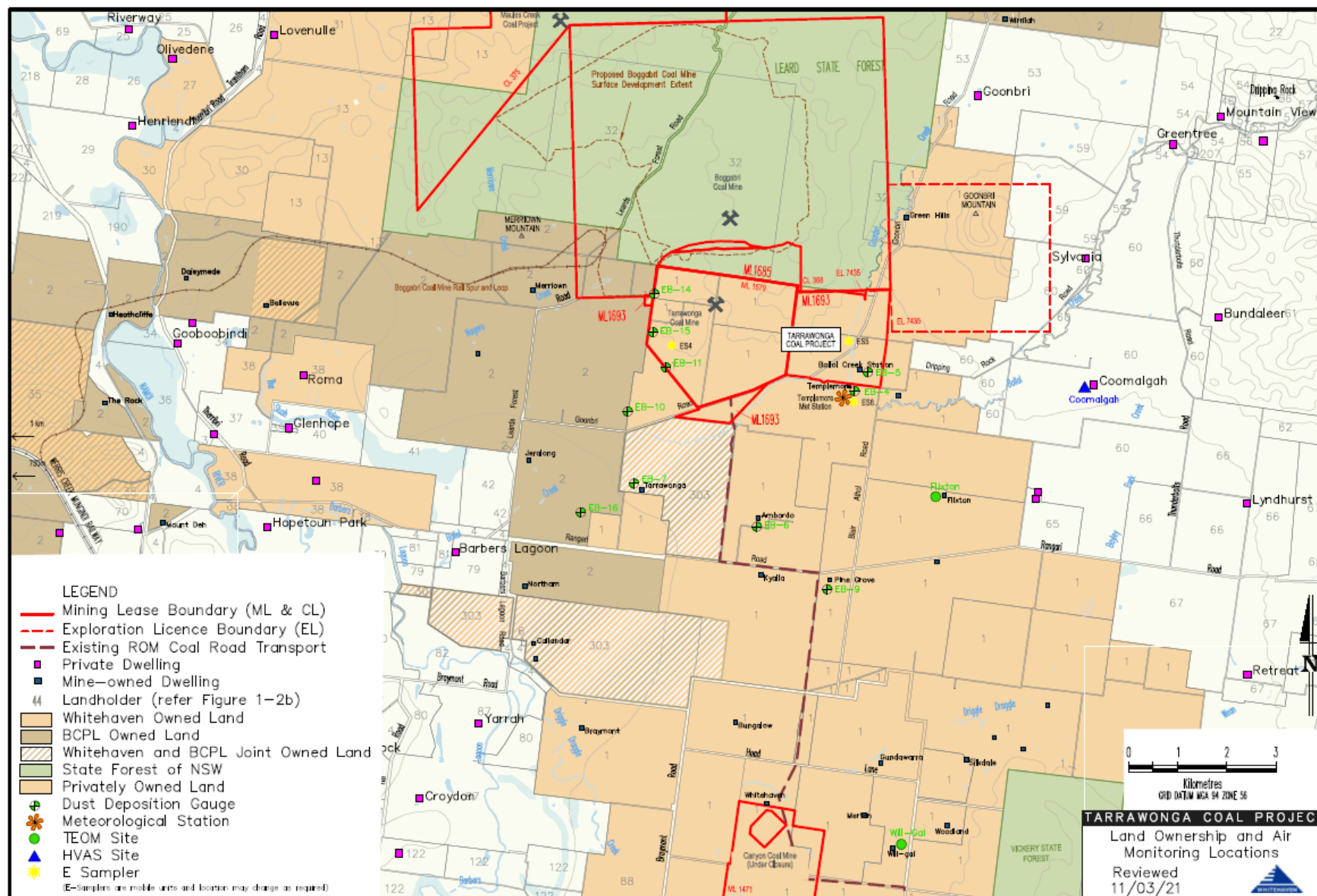
Approvals and Licencing

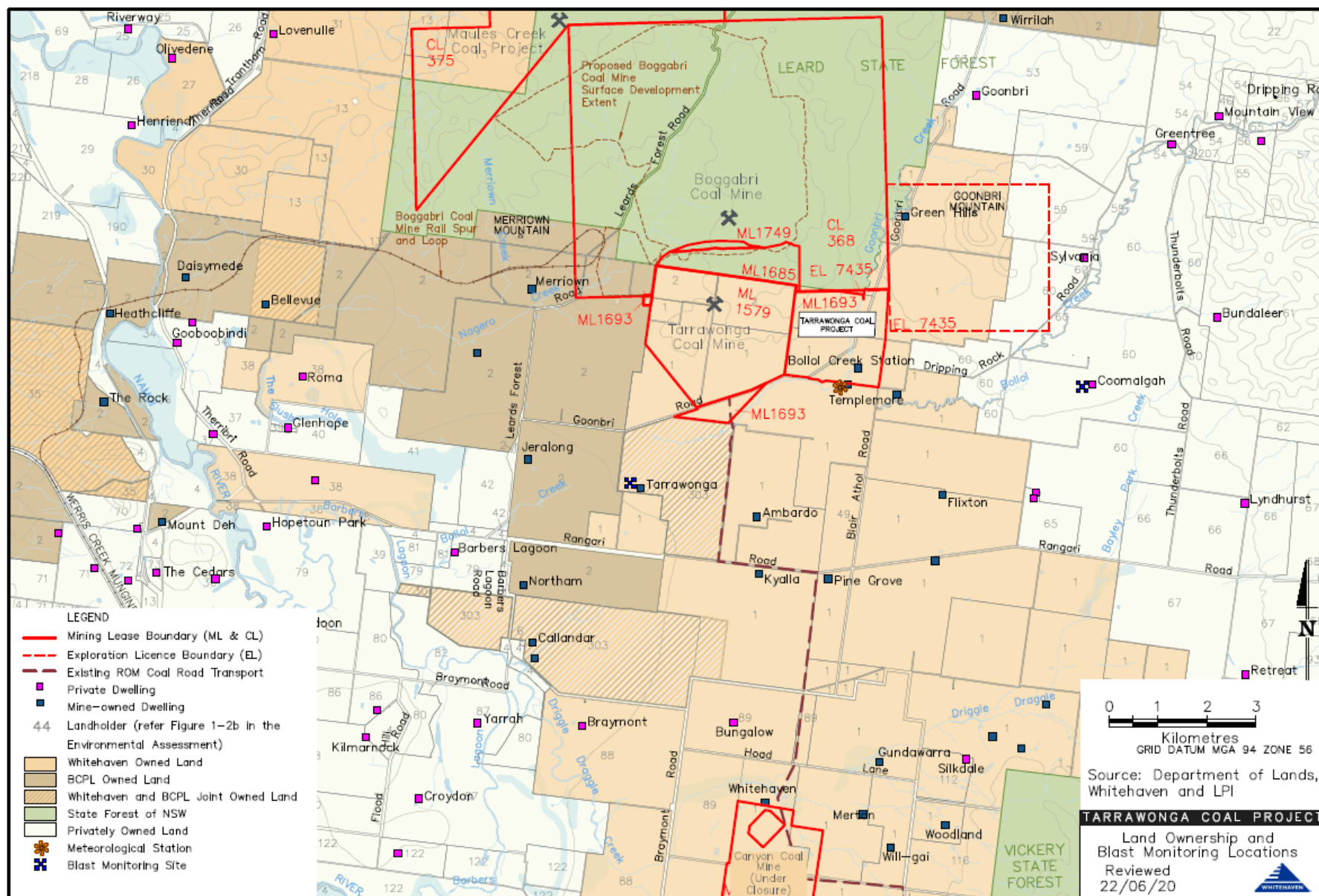
Tarrawonga's MP11_0047 Modification 10 was approved on the 19th October 2023. This modification is in relation to haul truck hours. Tarrawonga has updated and submitted relevant management plans (Noise and Traffic) to align with this modification. These hours were enacted on the 12th of December 2023, and communication was sent out to stakeholders regarding this.

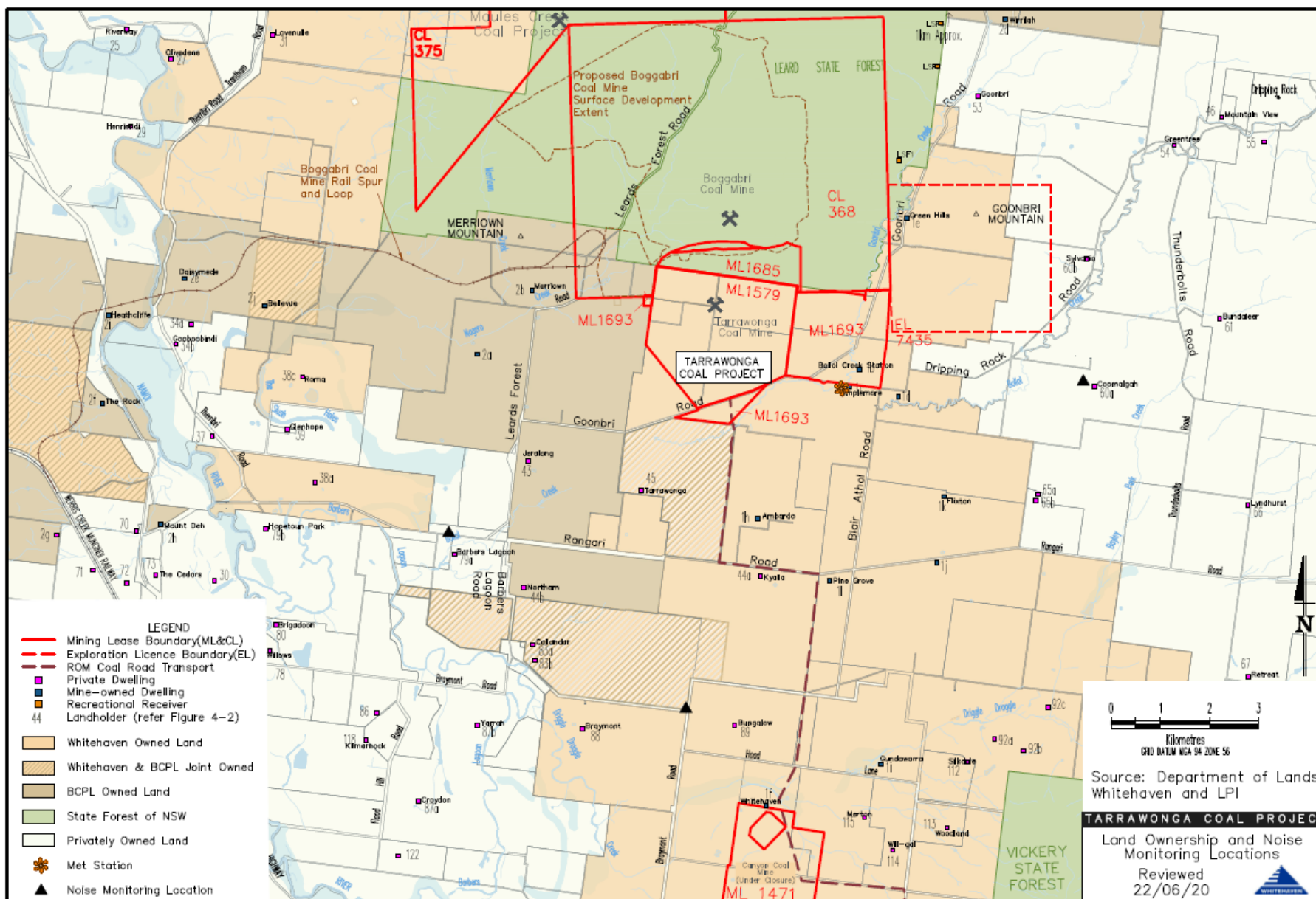
No additional modifications are expected in the foreseeable future.

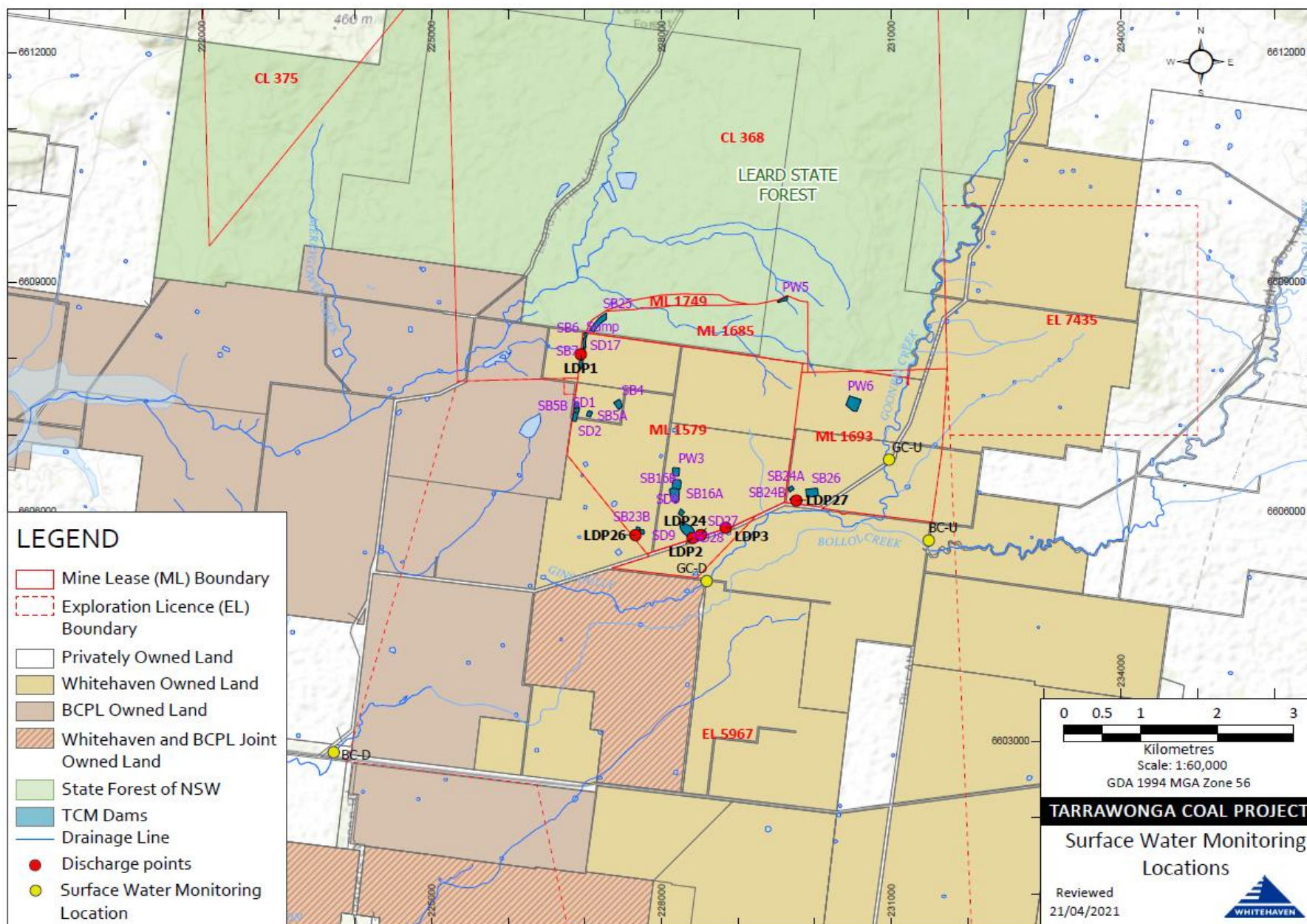
As previously mentioned, TCM has been granted permission to bury tyres in pit. No tyres have been buried thus far at TCM, further updates to these conditions or any further decisions regarding HV Tyres will be communicated here.

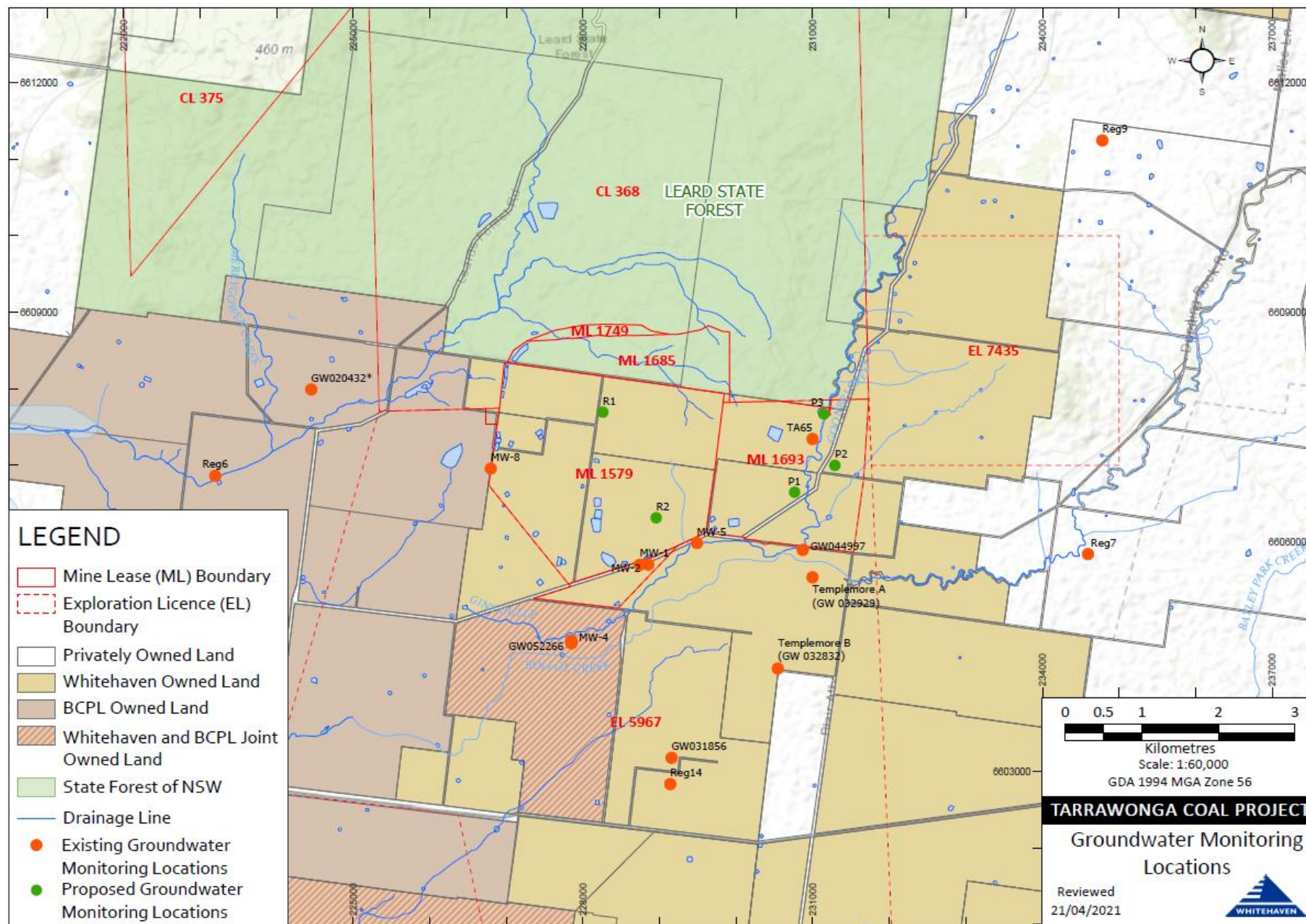
Appendix A





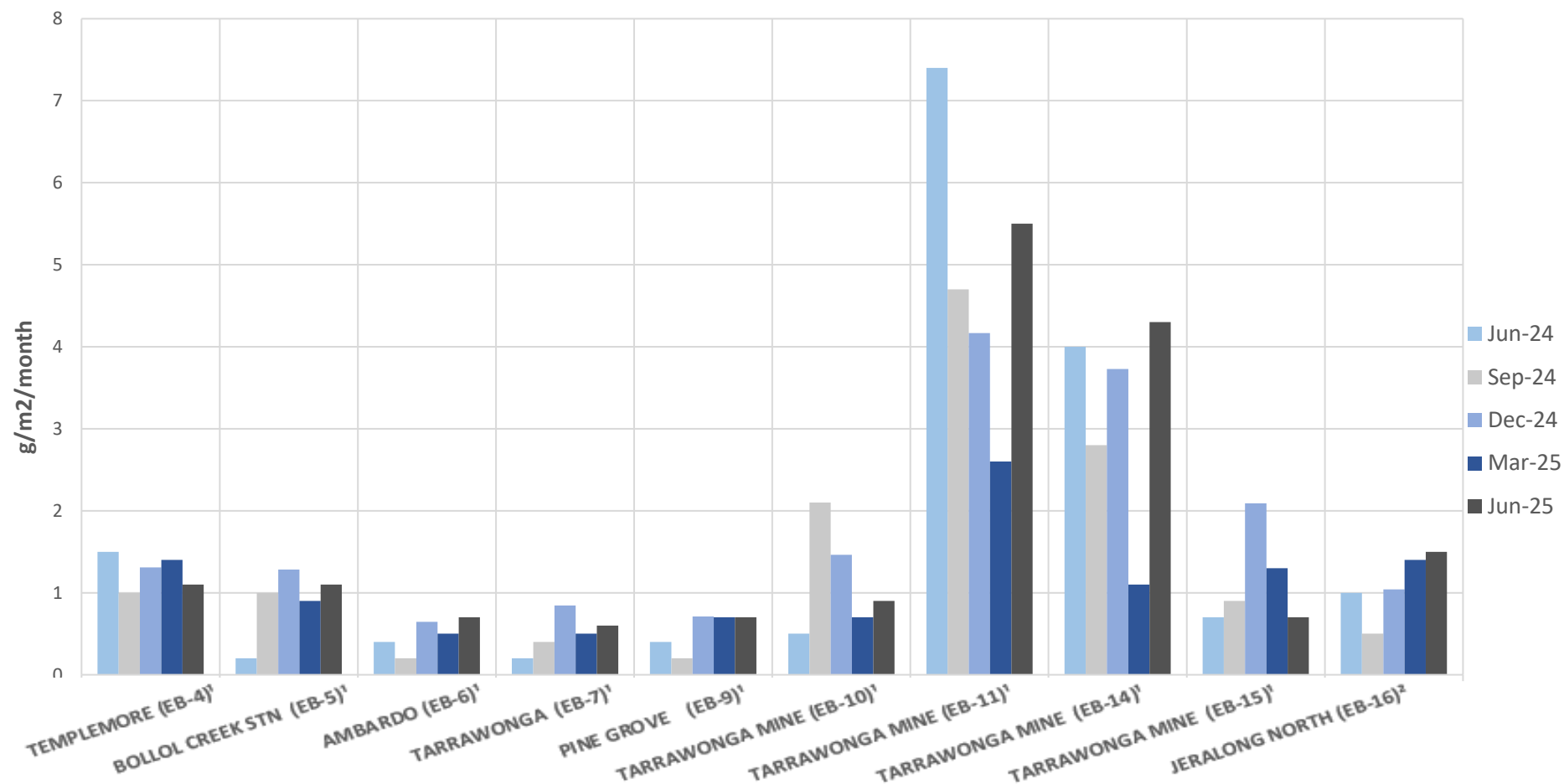




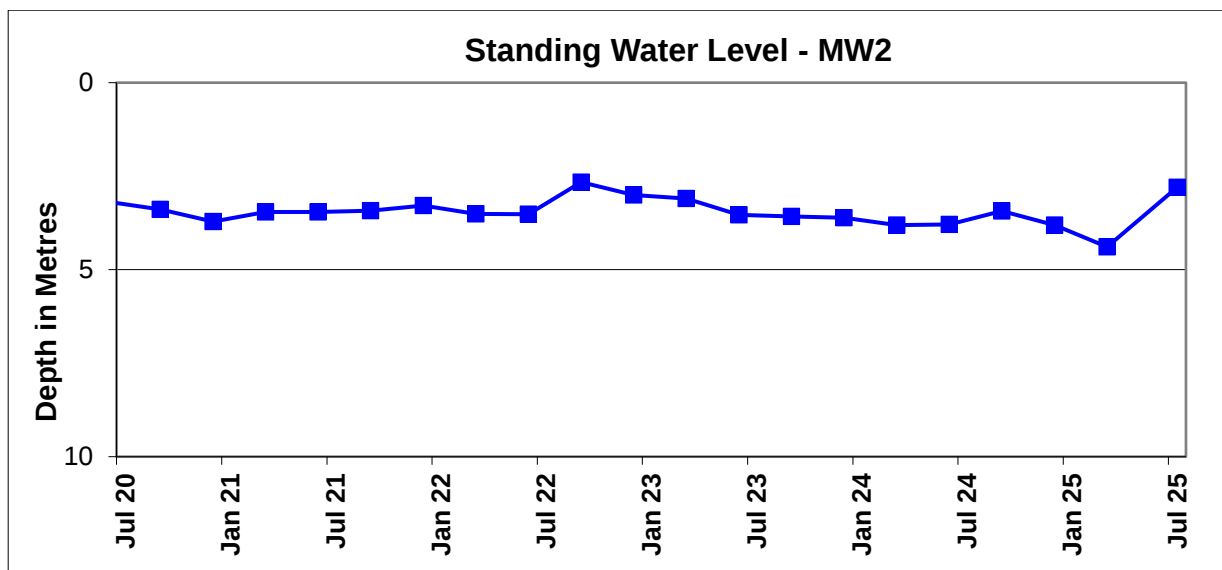
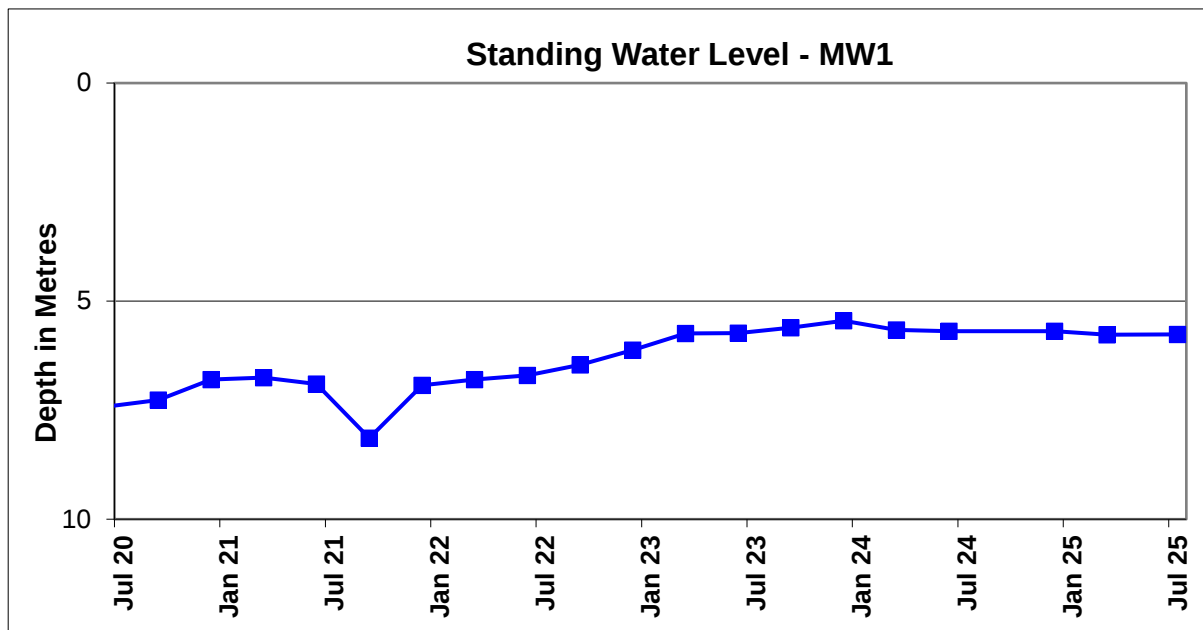


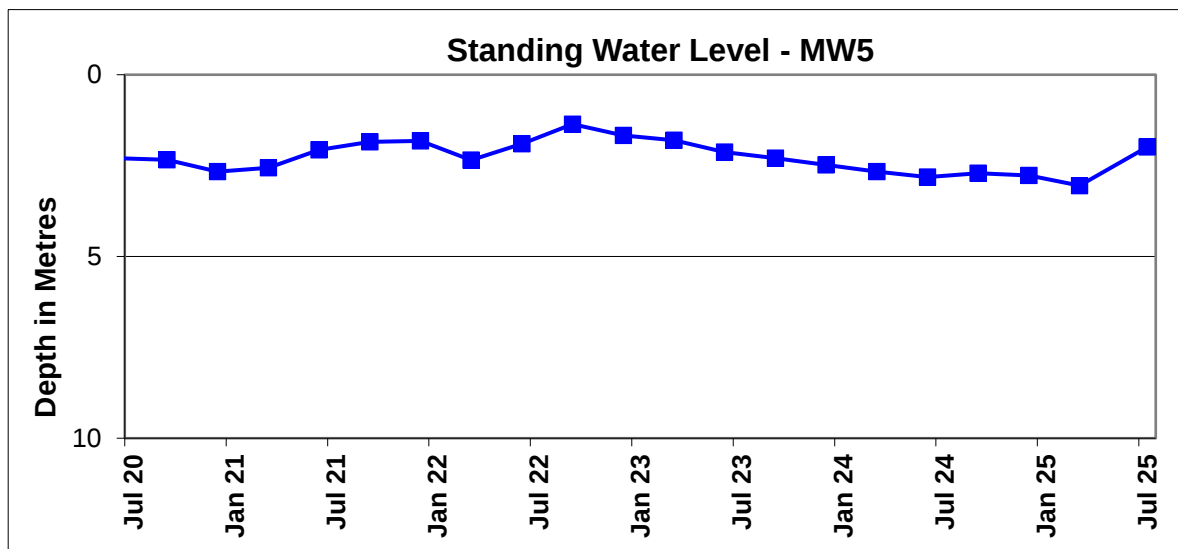
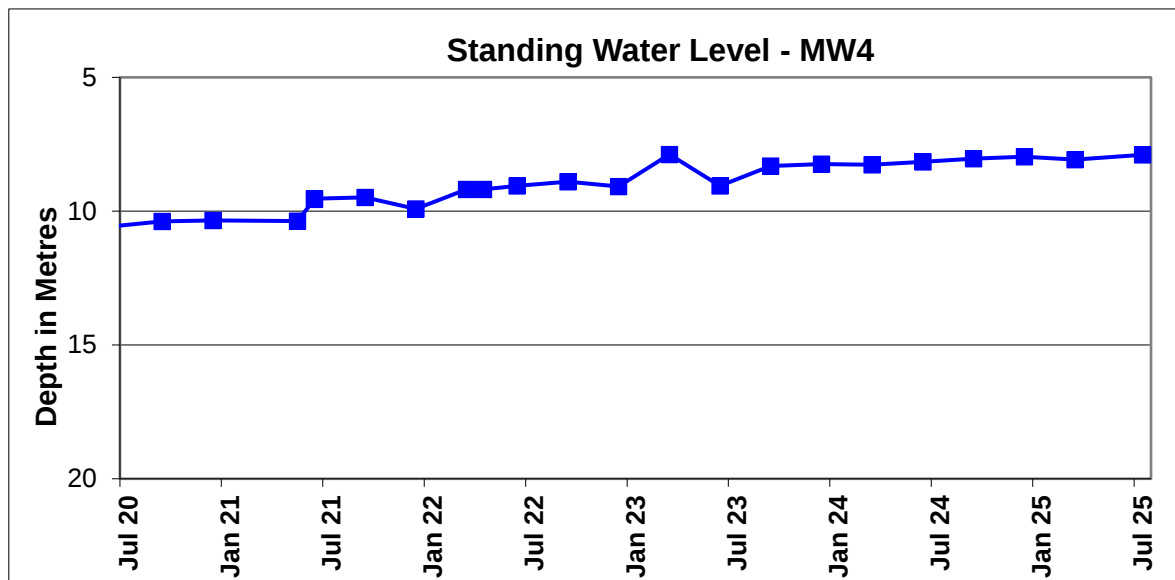
Appendix B

Deposited Dust Gauge Results- Quarterly rolling average [g/m²/month]



Appendix C





Minutes: Minutes of the 82nd Meeting of the Tarrawonga Coal Community Consultative Committee held at the Boggabri Golf Club, Kamilaroi Highway, Boggabri on Wednesday 29 October 2025 commencing at 10.05 am.

Members Present: Elizabeth O’Hara (EOH) – Community Representative, Mark Hathaway (MHa) – Community Representative, Bhavika Khot (BK) – Gunnedah Shire Council, Matt Hollis (MH) – Tarrawonga Coal Mine, Wade Hudson (WH) – Gunnedah Shire Council

Observers: Nil

Apologies: Cr Rob Hooke (RH) – Gunnedah Shire Council, Jabin De Kiezer (JdeK) - Whitehaven Coal.

Independent Chair: Michael J. Silver OAM (MJS)

Agenda Item	Discussion	Action/By Whom
1.	Welcome and Apologies – MJS welcomed everyone to the meeting.	
2.	Acknowledgement of Country - The Chair acknowledged the Traditional Owners of the land on which the meeting is being held and their continuing connection to land, water, and culture, paying respects to their Elders past, present and emerging.	
3.	Declaration of pecuniary or other interests – EOH has a small package of WHC shares. MJS expenses as Chair are borne by TCM.	
4.	Minutes from Previous Meeting – Members noted that the minutes of the meeting of 3 September 2025 were approved on 2 October 2025.	
5.	Business Arising Nil	
6.	Actions from Previous Meeting 6.1 JdeK to advise whether DPHI will publicly exhibit proposed haulage Modification. Response: The modification applications and modification report were lodged under Section 4.55(1A) of the EP&A Act. The following extract from the DPHI’s assessment report provides an answer to the action: <i>In accordance with the Environmental Planning and Assessment Regulation 2021, the Department made the modification applications publicly available on the Department’s website on Monday 25 August 2025 and also forwarded the applications to the Environment Protection Authority (EPA), Transport for NSW (TfNSW), Narrabri Shire Council and Gunnedah Shire Council.</i> <i>The Department has reviewed the scope of the modifications and considers that they meet this requirement as:</i> ▪ <i>there would be no change to mining methods or extraction limits;</i> ▪ <i>there would be no change to the disturbance areas for any mine; and</i> ▪ <i>the impacts of the development as modified would be similar to the impacts of the approved project (Vickery) and the last s75W modifications that were granted under Part 3A of the EP&A Act (Tarrawonga and Rocglen).</i> <i>Accordingly, the Department considers that the applications can be assessed and determined under section 4.55(1A) of the EP&A Act rather than requiring a new development application to be lodged.</i> <i>The Department assessed the proposals against the mandatory matters for consideration as part of the original assessments for each mine. The Department considers that these modification applications do not result in significant changes that would alter the mandatory matters for consideration under Section 4.15 of the EP&A Act and the conclusions made as part of the original assessments.</i>	

	EOH expressed concern over the determination. She suggested there is grave disappointment amongst members of the community at the approval of the haulage modification, which represents another example of “modification creep”. It appears that Rocglen has increased the amount that can be transported by road; Vickery has avoided building the rail line. The approval apparently “maxs out” the amount that can be hauled to equal the amount processed daily. The cost of such modifications and “modification creep” is borne by the community and the environment. EOH requested that the comments be forwarded to the Minister for Planning. MJS declined the request indicating the comments were her opinion and not necessarily that of the CCC. MH commented that it is important to understand the purpose and strategic intent of the Tarrawonga MOD 11. Firstly, there is no coal at Rocglen. Secondly, Tarrawonga and Vickery will increase haulage capacity only for the remainder of the 2025 calendar year. This will allow further time for decisions to be made on the timing of the development of the ‘big’ Vickery mine. The original conditional approval limit on the coal to be hauled via road to the Gunnedah Washery (4.1 million tonnes per annum) has not changed and the number of truck movements has not changed. The modification allows for an interim road haulage capacity of 3.8 million tonnes for the 2025 Calander year with no need, at present, for an overpass over the Kamilaroi Highway as required for the full 4.1 million tonnes annual haulage capacity. MH added that Vickery is a growing mine whilst Tarrawonga is entering its final stages of its approved life and will be gradually ramping production down over time – it is important to maximise the capacity and efficiency of the haulage trucks in the interim to maintain economic viability of the respective mining operations in the interim before “Big Vickery” is established. MJS indicated he would inform DPHI of EOH’s comments.	ACTION: MJS to advise DPHI of concerns expressed by a community member regarding the determination of MOD 11.
7.	Correspondence Nil	
8.	Proponent’s Environmental Monitoring Report <i>A copy of the Quarterly Environmental Report is attached to the minutes.</i> MH stepped the Committee through the report. Noise MH advised that there were not non compliances regarding attended noise monitoring and monitoring at the mine and haulage routes was also compliant. Blast Monitoring MH advised there had been twelve (12) blasts during the reporting period, and each had been compliant. WH noted complaints regarding blasting at Vickery and enquired as to the cumulative impact of blasting in the area. MH noted the agreed requirement across the three BTM complex mines (Boggabri, Tarrawonga, Maules) to reduce the impacts of blasting is to separate the timing of any blasts within the BTM mines. He advised there is a 15-minute offset between any blasts from other mines – the mines work collaboratively and include Vickery mine – despite not being bound by the BTM complex agreements to ensure that the respective mines don’t fire at the same time and the minimum 15 minute separation times are observed	

through the local area by all four mining operations. He acknowledged that residents in the local area to Vickery may still be getting accustomed to the Vickery operations including blasting.

Air Quality Monitoring

MH provided a summary of air quality monitoring. He advised that there were no exceedances at the monitoring sites.

The High-Volume Air Sampler (HVAS) values recorded for the quarter are below 50µg/m³ in accordance with the management plan.

MH also commented on the real time air quality unit (TEOM) to monitor PM₁₀ levels near the mine. He indicated that monitoring of PM_{2.5} and PM₁₀ is undertaken within the local area with Vickery Coal mine and perhaps Maules Creek Coal reporting on the monitoring results of PM_{2.5}.

General discussion proceeded on Regional Air Quality Monitoring. It was noted that the EPA was unable to present on this subject at the Boggabri Tarrawonga Maules Joint Mines CCC meeting which has been cancelled.

Ground/Surface Water

MH stepped the Committee through the Water Monitoring table, noting there were no anomalies.

He advised that 700 millimetres of rain had been recorded in 2024 and the total to date, having regard to the current rain, is more than 600 millimetres.

Clearing

No clearing undertaken. MH added that it is unlikely at this stage there will be any clearing in 2026.

Rehabilitation

MH explained the rehabilitation program is well advanced with the final stages of shaping to the Boggabri Coal boundary being undertaken. Assessment of the work completed being undertaken to address any issues. All works scheduled for Q3 have been completed – total area rehabilitated to date in 2025 is 30.13 hectares with 53 hectares programmed for the calendar year.

Complaints

MH advised there were no new complaints during the reporting period.

Environmental Management Plans

MH advised the Tarrawonga Offset Management Plan 2025 (OMP) was submitted to the DPHI in Q1 and approved in early July 2025. This report has been made available on the public website. MH also advised the Rehabilitation Management Plan is subject of an internal review.

The Blast Management Plan was submitted to the DPHI in June 2025 and is awaiting review whilst the BTM Air Quality Management Strategy is undergoing an internal review and will be lodged with DPHI shortly.

EOH enquired how often the Resource Regulator visits the mine site? MH responded that each year the regulator undertakes a Targeted Assessment Program audit or TAP audit. It is usually over a full day at the site assessing all areas of rehabilitation performance within the operation with this year the focus being on landform compliance. Documents are submitted following to the inspection. The Resource Regulation examines any gaps in the rehabilitation management plans which the mining lease holder must prepare for the mining area in accordance with the mining lease conditions and the 'Form and Way' template for annual rehabilitation reporting and forward programming for large mines. If the requirements of the template are not followed the mine is considered non-compliant. MH advised that an error had been detected in the most recent version of the Rehabilitation Management Plan which referenced the potential presence of 'acid forming material'. This type of material is not found at Tarrawonga and accordingly the Rehabilitation Management plan will be updated and corrected accordingly.

Annual and Compliance Reporting

The Annual Review 2024 has been approved and is available to view on the Tarrawonga public website. The review is undertaken every three years.

Tyre Disposal

MH advised that during the reporting period TCM has been granted permission for tyre burial. TCM has not yet buried tyres during 2025. TCM has continued to store tyres on the surface on site as per the previous licence conditions.

EOH commented on recent correspondence from Penny Sharpe MLC, Minister for the Environment to the Boggabri Coal Community Consultative Committee regarding the NSW government's approach to HV tyre recycling. EOH questioned what strategies Whitehaven is undertaking in respect of tyre recycling. MH responded that recycling trials are being undertaken and outcomes and ongoing viability examined.

Annual Compliance EPBC statement

The Annual Compliance EPBC statement was submitted to DAWE in June 2025.

Annual National Pollutant Inventory (NPI) and Greenhouse Gas Emission (NGERs) Reports

MH advised the NPI and NGERs reports were submitted in September 2025, these reports are under review.

Audit

MH advised that the next Independent Environmental Audit and Independent Biodiversity Audit is expected to be conducted in June of 2026.

Approval/Licencing

MH advised an interim approval for 2025 has been acquired for Tarrawonga. Tarrawonga's MP11_0047 Modification 11 was approved on the 8th of October 2025. This modification is in relation to approved coal haulage tonnage. Coal haulage has increased by 0.3Mtpa of ROM coal from Tarrawonga and Vickery to a cumulative 3.8Mtpa, for the duration of the 2025 calendar year. Tarrawonga has made administrative updates to Condition 6A, Schedule 2 of Rocglen Project Approval (MP10_0015) to align with this modification. He indicated coal haulage will return to 3.5Mtpa after this calendar year as per the Project Approval.

WH enquired whether to Tarrawonga and Rocglen consents are linked. MH responded yes – the two consents are still valid and operating and are linked only by the haulage components of the respective approvals and the subsequent Traffic Management Plan. It is important to note that Rocglen Mine is now a closed mine that has been fully rehabilitated and is undergoing continual rehabilitation maintenance and monitoring. There is no coal haulage from Rocglen.

Operation Overview

Current Safety Performance

MH presented the current safety performance with the Total Recordable Injury Frequency Rate (TIRFR) being 3.6. The overall safety performance continues to improve.

Monitoring

MH noted there had been no exceedances for noise, blasting or air quality during the reporting period.

It was noted that Tarrawonga recorded 190.6 mm of rain during Q3, with 585.4 mm of rain in total to date for 2025. MH advised there had been one discharge during the reporting period on the 5 August (LDP27), after 44.4 mm of rain.

Compliance

MH outlined the updates to The Offset Management Plan, Blast Management Plan, and the Rehabilitation Management Plan.

Rehabilitation

MH indicated that the rehabilitation works were progressing satisfactorily with excellent outcomes – a good strike had been achieved with the seeding of the oats cover crop. He added that all ecosystem establishment was completed by June 30, 2025, with 23.9 hectares seeded.

Upcoming Works

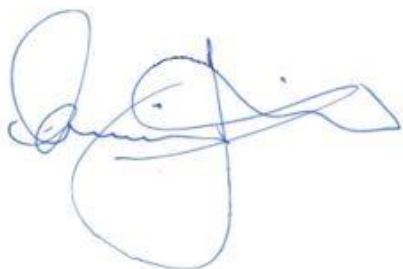
MH outlined the works proposed for the final quarter of 2025:

- Continue to move subsoil and topsoil from the storage/clearing area and stockpile this for next years landform.
- Continue to work on the landform to be finished by December 2025, this is the landform that will be rehabbed in 2026.
- Required maintenance works will be undertaken.

	Monitoring will continue as per normal.	
9.	Other Agenda Items 9.1 Life of Mine – MJS enquired as to progress towards closure of Tarrawonga by the end of 2030. MH responded that reconfiguration of mining activities has commenced with some excavation equipment relocated to Vickery. He indicated that 'Life of Mine' modelling is being undertaken with decisions on future operations at Tarrawonga to be drawn from that assessment. He explained the limitations on mining operations and the need to reduce plant and human resources – a dynamic process to ensure appropriate timing in the transfer of resources to Vickery Mine. EOH enquired as the timing to remove excavators. MH responded that as demand and mining capability diminishes at Tarrawonga plant will be relocated to Vickery. WH questioned whether changes in mining activity will affect the rehabilitation program. MH responded that changes in life of mine may result in a reduction of area available year on year for rehabilitation. It will remain Whitehaven's intent though to continue progressive rehabilitation of all available areas each year rather than rehabilitate the whole area. A revised rehabilitation program will be implemented each year having regard to areas that will be still subject to mining. WH also enquired whether there are any implications from Tarrawonga's closure for the new Vickery mine. MH responded that decisions on the Vickery mine will be determined by the international coal price and product demand to ensure there is a return on the capital investment.	
10.	General Business Nil	
13.	Next Meeting The next meeting is scheduled for 18 February 2026	

Meeting closed at 11.30 am.

Approved:



Michael J. Silver OAM
Independent Chair

29 November 2025

Appendix 1: Actions

Action No	Description	Date Raised	Page No	Status
1	TCM to explore feasibility of presenting a slide in future of injuries falling / rising	14.02.24	3	COMPLETED 13.11.24
2	TCM to provide link to Sustainability Report	14.02.24	3	COMPLETED 15.05.24
3	MW to investigate if Social Impact Plan was available	14.02.24	4	COMPLETED 15.05.24
4	MJS to advise Ms Druce that the proposition should be discussed with NSC and RFS.	15.05.24	2	COMPLETED 06.06.24
5	That the Tarrawonga Coal Mine Rehabilitation Objectives be presented at the October 2024 CCC meeting.	29.08.2024	3	COMPLETED 13.11.224
6	JdeK to advise whether DPHI will publicly exhibit proposed haulage Modification.	03.09.2025	5	COMPLETED 29.10.25
7	MJS to advise DPHI of concerns expressed by a community member regarding the determination of MOD 11	29.10.25	3	

Tarrawonga Coal Mine Community Consultative Committee Meeting #82

**Quarterly Environmental Monitoring Report
July 2025 – September 2025**



Photo taken October 2025 showing rehabilitation progression of the Northern Rehab (planted approx. 2019)

This report has been prepared for the Community Consultative Committee (CCC) meeting to show Environmental monitoring performance at Tarrawonga Coal Mine (TCM) for the reporting period from July 1, 2025, to September 30, 2025. Maps with all the monitoring locations are available in *Appendix A*.

Noise Monitoring

Attended Noise Monitoring was conducted during this period.

Attended noise monitoring was conducted at the “Bungalow” (TN4), “Barbers Lagoon” (TN3) and “Matong” (TN2) properties from 15th September to the 19th September 2025. Noise criteria for the mine is 35dB(A) Leq (15 min) for all operating times.

Results below show that noise emissions from the mine did not exceed operational noise criteria at the “Barbers Lagoon”, “Bungalow” or “Matong” monitoring locations for any monitoring events during the monitoring period.

(See below summary tables extracted from Tarrawonga Coal Mine Noise Monitoring – Q3 September 2025)

Table 1 TCM Operational Noise Monitoring Results – 15 September 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	9:10 pm	38	2.7 / 25 / D	Frogs (54), wind (34), TCM (28)
Barbers Lagoon – TN3	8:35 pm	28	2.9 / 25 / E	Frogs (27), TCM (21)
Bungalow – TN4	9:27 pm	27	2.7 / 23 / D	Insects (25), wind (20), TCM (<20)

Table 2 TCM Operational Noise Monitoring Results – 15-16 September 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:00 pm	37	2.3 / 37 / D	Frogs (35), wind (30), TCM (26)
Barbers Lagoon – TN3	10:04 pm	28	2.3 / 37 / D	Insects (28), TCM (<20)
Bungalow – TN4	11:30 pm	26	2.9 / 32 / D	Insects (26), TCM (<20)

Table 3 TCM Operational Noise Monitoring Results – 16 September 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	8:19 am	44	2.8 / 3 / D	Wind (41), birds (40), TCM (<30)
Barbers Lagoon – TN3	1:36 pm	54	3.9 / 320 / C	Traffic (54), birds (40), TCM (<20)
Bungalow – TN4	3:21 pm	36	2.7 / 254 / B	Birds (35), wind (29), TCM (<20)

Table 4 TCM Operational Noise Monitoring Results – 16 September 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	9:43 pm	40	4.2 / 42 / D	Insects (37), wind (34), TCM (33)
Barbers Lagoon – TN3	7:50 pm	30	1.7 / 31 / D	Insects (28), TCM (21)
Bungalow – TN4	8:34 pm	28	2.3 / 22 / D	Insects (27), traffic (20), TCM (<20)

Table 5 TCM Operational Noise Monitoring Results – 16-17 September 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:01 pm	43	4.5 / 30 / D	Wind (40), insects (36), TCM (33)
Barbers Lagoon – TN3	12:34 am	38	3.4 / 18 / D	Insects (36), wind (33), TCM (<20)
Bungalow – TN4	11:19 pm	25	4.3 / 27 / D	Insects (23), traffic (20), TCM (<20)

Table 6 TCM Operational Noise Monitoring Results – 17 September 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	8:44 am	48	3.3 / 255 / D	Wind (45), birds (43), TCM (31)
Barbers Lagoon – TN3	1:41 pm	48	5.9 / 305 / D	Traffic (48), wind (43), TCM (<20)
Bungalow – TN4	3:22 pm	54	4.8 / 308 / D	Cars (54), wind (46), TCM (<20)

Table 7 TCM Operational Noise Monitoring Results – 17 September 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	9:34 pm	31	1.1 / 82 / F	Insects (29), TCM (26)
Barbers Lagoon – TN3	8:01 pm	30	2.4 / 284 / D	Insects (28), dogs (24), TCM (<20)
Bungalow – TN4	8:44 pm	31	2.1 / 262 / F	Cars (31), birds (22), TCM (<20)

Table 8 TCM Operational Noise Monitoring Results – 17-18 September 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:06 pm	27	1.3 / 222 / E	Insects (25), TCM (21)
Barbers Lagoon – TN3	12:35 am	29	0.6 / 309 / E	Insects (27), cars (23), TCM (<20)
Bungalow – TN4	11:24 pm	27	0.2 / 33 / F	Wind (25), TCM (21)

Table 9 TCM Operational Noise Monitoring Results – 18 September 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	12:41 pm	38	1.7 / 202 / B	Birds (36), wind (33), TCM (<20)
Barbers Lagoon – TN3	4:09 pm	51	1.6 / 192 / D	Cars (50), birds (43), TCM (<20)
Bungalow – TN4	2:27 pm	30	2.1 / 213 / D	Birds (29), wind (22), TCM (<20)

Table 10 TCM Operational Noise Monitoring Results – 18 September 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	9:31 pm	28	1.8 / 34 / E	Insects (25), wind (22), TCM (21)
Barbers Lagoon – TN3	8:00 pm	25	1.6 / 21 / E	Insects (23), dogs (20), TCM (<20)
Bungalow – TN4	8:40 pm	30	1.8 / 37 / E	Insects (28), wind (24), TCM (<20)

Table 11 TCM Operational Noise Monitoring Results – 18-19 September 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:03 pm	27	1.6 / 49 / D	TCM (25), insects (22)
Barbers Lagoon – TN3	12:31 am	37	1.8 / 45 / F	Cars (37), insects (25), TCM (<20)
Bungalow – TN4	11:20 pm	24	1.6 / 45 / F	Insects (21), wind (21), TCM (<20)

Table 12 TCM Operational Noise Monitoring Results – 19 September 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	2:15 pm	36	2.0 / 289 / C	Birds (36), TCM (24)
Barbers Lagoon – TN3	10:49 am	46	0.9 / 225 / A	Cars (44), birds (40), TCM (<20)
Bungalow – TN4	12:29 pm	31	1.6 / 216 / A	Birds (29), wind (25), TCM (26)

Noise from the mine must not exceed 45 dB(A) L1 (1 min) between 10 pm and 7 am. This criterion is to minimise the potential for sleep disturbance because of individual loud noises from the mine.

Results of attended monitoring show that the measured L1 (1 min) noise level did not exceed sleep disturbance criteria.

Table 15 TCM Sleep Disturbance Monitoring Results – 15-16 September 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:00 pm	40	27	Frogs	2.3 / 37 / D
Barbers Lagoon – TN3	10:04 pm	38	<20	Birds	2.3 / 37 / D
Bungalow – TN4	11:30 pm	30	<20	Insects	2.9 / 32 / D

1. L1 (1 min) – total measured level.

2. L1 (1 min) – TCM noise only.

Table 16 TCM Sleep Disturbance Monitoring Results – 16-17 September 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:01 pm	50	34	Wind	4.5 / 30 / D
Barbers Lagoon – TN3	12:34 am	40	<20	Insects	3.4 / 18 / D
Bungalow – TN4	11:19 pm	28	<20	Insects	4.3 / 27 / D

Table 17 TCM Sleep Disturbance Monitoring Results – 17-18 September 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:06 pm	33	23	Insects	1.3 / 222 / E
Barbers Lagoon – TN3	12:35 am	29	<20	Insects	0.6 / 309 / E
Bungalow – TN4	11:24 pm	41	24	Birds	0.2 / 33 / F

Table 18 TCM Sleep Disturbance Monitoring Results – 18-19 September 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:03 pm	28	28	TCM	1.6 / 49 / D
Barbers Lagoon – TN3	12:31 am	47	<20	Car	1.8 / 45 / F
Bungalow – TN4	11:20 pm	27	<20	Wind	1.6 / 45 / F

The real time noise monitor located on the “Coomalgah” property remains a management tool, so the noise criteria are not applicable at that site. Levels of noise recorded at that location are managed according to the Noise Management Plan and Trigger Action Response Plan.

Blast Monitoring

Blasting Results

Since 2006, there have been 1385 blasts (until 30/09/2025) at TCM. 12 of these were during the reporting period.

Table 1 below displays the peak ground pressure and overpressure values recorded and dates at the compliance monitor on Coomalgah property during the quarter.

TCM overpressure and ground vibration for the quarter was compliant and did not exceed the blasting criteria declared in the project approval and Blast Management Plan (BMP).

Table 1 - Max Peak Overpressure and Ground Pressure for the Quarter

Monitor Location	Date	Max. Peak Overpressure (dB)	Criterion (dB)	Date	Max. Peak Ground Pressure (mm/s)	Criterion (mm/s)
Coomalgah	16-Aug-25	103.80	120	13-Sep-25	0.68	10

Air Quality Monitoring

Dust Deposition Gauge Results

Standard Australia AS/NZS 3580.10.1:2016, "Methods for sampling and analysis of ambient air – Determination of particulate matter – Deposited matter – Gravimetric Method," classifies deposited dust as insoluble solids. Therefore, TCM tests air quality monthly at mine-owned sites for indicative purposes, to infer compliance, against the limit of 4 g/m²/month.

Table 3 shows deposited dust gauge results over 12 months. All the dust monitors are located on project related or WHC owned land; as such compliance criteria (4g/m²/month) do not apply. While deposited dust trends remain steady during the reporting period (refer graph in *Appendix B*), some monitors are displaying non-mine related particulate matter deposition more regularly than others. Non-mine related particulate matter could be attributed to organic matter (such as leaves, mice, frogs, insects or bird faeces that fall in to the bottles), or they may be in farming locations, so during some months dust levels may be higher due to harvesting. To mitigate contamination from bird faeces, spikes have been added to the top of each dust gauge unit to deter birds from perching.

Table 2 - Deposited Dust Gauge Results [g/m2/month]

MONTH	TEMPLEMORE (EB-4)	BOLLOL CREEK STN (EB-5)	AMBARDIO (EB-6)	TARRAWONGA (EB-7)	PINE GROVE (EB-9)	TARRAWONGA MINE (EB-10)	TARRAWONGA MINE (EB-11) ¹	TARRAWONGA MINE (EB-14)	TARRAWONGA MINE (EB-15)	JERALONG NORTH (EB-16)
Oct-24	1.1	1.3	0.6	+0.7	0.8	1.1	4.1	3.9	2.2	0.8
Nov-24	1.3	1.3	0.6	+0.7	0.8	1.1	4.2	3.8	2.2	1.0
Dec-24	1.3	1.3	0.6	+0.8	0.7	1.5	4.2	3.7	2.1	1.0
Jan-25	#5.3	1.8	0.8	+1.3	1.3	#4.3	2.8	2.8	1.1	#3.1
Feb-25	3.0	1.6	0.9	+1.2	0.6	1.9	4.4	2.9	1.2	#5.5
Mar-25	1.4	0.9	0.5	+0.5	0.7	0.7	2.6	1.1	1.3	1.4
Apr-25	1.2	1.2	0.8	+0.4	1.9	0.7	4	3.6	1.2	3.7
May-25	1.1	1.4	1.0	+1.2	1.1	#4.9	#5.3	#7.4	1.9	0.9
Jun-25	1.1	1.1	0.7	+0.6	0.7	0.9	#5.5	#4.3	0.7	1.5
Jul-25	1.7	1.2	0.2	+0.2	0.3	0.8	1.4	4	0.6	0.5
Aug-25	#4.2	0.8	0.2	+0.4	0.6	0.8	4.3	1.3	0.7	0.6
Sep-25	1.4	1.1	0.6	+1.1	0.8	#4.2	#5.6	3.4	1.5	0.9
12 MONTH ROLLING AVERAGE	1.5	1.3	0.6	+0.8	0.9	1.1	3.6	3.1	1.4	1.1

Analysis done/ field comments on these bottles concluded that they are contaminated, often with low ash/insoluble matter. Often noted on field sheets are bird droppings, insects and plant matter. These are now excluded from the average calculation.

+ bottles not compliant for DDG testing, so results are not to be assessed against criteria alone. Still used to calculate average

¹DDG bottle on the fence line between TCM and BCM ROM.

N/A bottle was removed with a fence by land occupant. No result available.

High Volume Air sampler (PM10) Results

The High Volume Air Sampler (HVAS) installed at Coomalgah property monitors levels of Particle Matter under 10 micron (PM₁₀). It operates for 24hr every 6 days. **Table 3** shows that all 24hr average values recorded for this quarter are below 50µg/m³.

Table 3: HVAS PM10 24hr Quarterly Average levels

Date	24hr averaged PM10 (µg/m ³)	Criterion 24hr average (µg/m ³)	Comments
29/6/2025	25.4	50	
5/7/2025	10.6		
11/7/2025	11.5		
17/7/2025	6.7		
23/7/2025	3.7		
29/7/2025	7.0		
4/8/2025	10.5		
16/8/2025	7.2		
22/8/2025	4.7		
28/8/2025	6.6		
3/9/2025	16.3		
9/9/2025	11.6		
15/9/2025	11.6		
21/9/2025	4.6		
27/9/2025	18.7		

* results pending - lab report delayed.

Real-time Air monitoring (PM₁₀)

A real time air quality unit (TEOM) is located at the “Flixton” property to monitor PM₁₀ levels in ambient air, as per the current Air Quality and Greenhouse gas Management Plan. It is an operational management tool and dust levels nearing or reaching the nominated criteria will trigger actions onsite to assess the source of dust and modify operations if it is determined to be related to Tarrawonga operations.



Figure 1: TEOM installed at Flixton property

Three portable dust (PM₁₀) monitors have been utilised since Nov 2018 to improve the real-time dust monitoring network and assist the operation to mitigate any potential dust generated by the operation.



Figure 2: Portable and real-time dust monitor installed at TCM in November 2018

Water Monitoring

Groundwater

Routine groundwater monitoring results undertaken between September 2024 and September 2025, are shown in **Table 4** (refer to graphs in *Appendix C*).

Table 4: Groundwater results summary

Site	Date	SWL (mbgl)	pH (units)	Elect. Conductivity (µS/cm)
MW1	September 24	2.61 – sampling error	7.53	3,470
	December 24	6.36	7.12	3,360
	March 25	6.44	7.03	3,050
	~July 25	6.43	7.15	3,340
	September 25	6.42	7.46	3,310
MW2	September 24	4.22	7.18	669
	December 24	4.6	7.55	592
	March 25	5.18	7.06	585
	~July 25	3.59	7.00	599
	September 25	3.58	7.46	474
MW4	September 24	8.66	7.70	3,410
	December 24	8.59	7.4	3,110
	March 25	8.69	7.08	3,140
	~July 25	8.51	7.35	3,250
	September 25	8.46	7.43	3,210
MW5	September 24	3.50	7.69	2,420
	December 24	3.56	7.17	2,720
	March 25	3.84	7.09	1,276
	~July 25	2.78	7.42	946
	September 25	2.43	7.53	1,873
MW8*	September 24	12.70	Casing blocked	Casing blocked
	December 24	13.13		
	March 25	12.77		
	~July 25	12.41		
	September 25	12.16		

*Bore casing blocked historically. Investigations as to whether this bore is required for sampling purposes to be re-established are planned for the next financial year.

~Monitoring occurred 2nd and 3rd of July instead of June due to adverse weather conditions.

Surface Water

Water storage onsite is expected to be sufficient for at least the next 12 months. TCM undertook 1 controlled discharge events on the 5th of August 2025. 30ML total was discharged through Licenced Discharge Points at these times.

Currently TCM has recorded 585.4mm of rain in 2025.

Table 5: Annual rainfall

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Monthly Rain (mm)	71.4	57.2	26	107	39.2	54.2	45.2	62.4	53.4	46	74	61.2	697.2
Cumulative (mm)	71.4	128.6	154.6	261.6	300.8	355	400.2	462.6	516	562	636	697.2	
2025	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Monthly Rain (mm)	50.2	36.4	181	101.2	64.8	21.2	73.8	77.0	39.8				585.4
Cumulative (mm)	50.2	86.6	267.6	308.8	373.6	394.8	468.6	545.6	585.4				

Rehabilitation and Clearing

Rehabilitation

The Annual Report was submitted in February, to close our rehabilitation commitments from 2024. This is now available on our website.

The Forward Program was also submitted at this time and our commitments for this calendar year and the two beyond are also available on our website. The current rehabilitation commitment sits at 53.1ha for the calendar year, which equates to approximately 30.4Ha of Landform and 22.7Ha of Ecosystem Establishment.

By the close of June 2025, TCM completed preparing growth medium on top of the established landform, utilising sub soil from the cleared/stripped area directly on the surface. As a result, TCM has completed this area as Ecosystem Establishment by the end of the financial year. TCM exceeded the target of 22.7 ha by completing 23.9 ha of Ecosystem Establishment in total.

Trees on both the North and South rehab areas continue to successfully establish and grow on our historical rehabilitation areas. Ecologists attended site during November to assess the success of the rehabilitation. The resulting report assists in building a maintenance schedule on the rehabilitation areas for the coming years. During Q3 TCM received an agronomist report to assess soil quality to support the ecologist's report and guide successful rehabilitation efforts. TCM has also seen successful growth of the recently established ecosystem and establishment of tree plantings in previous rehab areas. Weed control works have also been undertaken to aid the success of TCM's rehabilitation areas.



Figure 3 South Rehab – Southern Rehab area after tree planting (June 2025).



Figure 4 New landform area with Northern Rehab Area after topsoil and stag trees behind

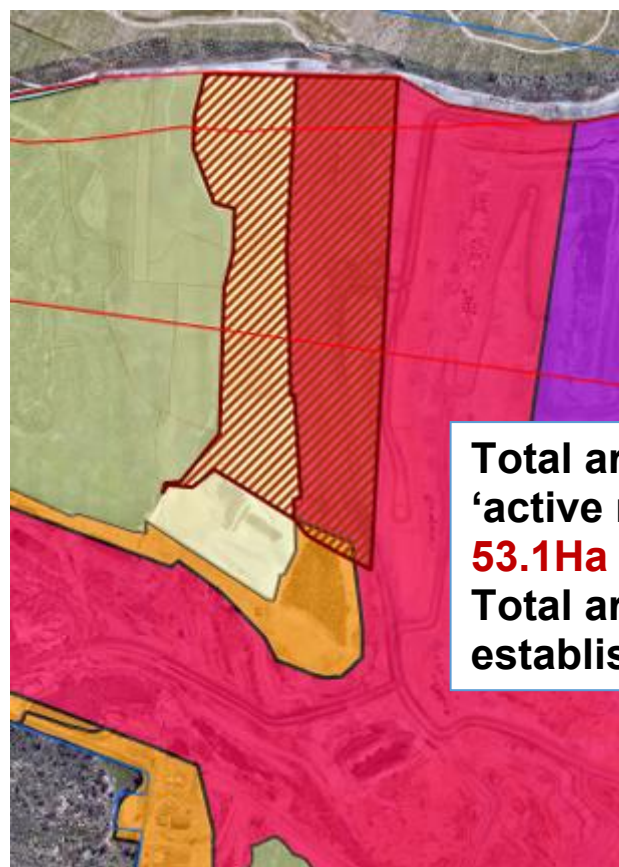


Figure 5: Rehabilitation area commitment in Forward Program 2025

Clearing

By the close of the reporting period of June, TCM had completed annual clearing. As per the Forward Program 12.9 ha was scheduled to be cleared, however only 8 ha was actually cleared during this time due to pit progression being reprogrammed. This was cleared and completed by the required date of 30th of April.

Complaints

No complaints were received during the reporting period.

#	Date of Complaint	Method	Category	Nature of Complaint	Tarrawonga response
1	7/3/2025	Complaints Line	Blasting	A complaint was received regarding a strong sulphur smell and loud noise following a blast at Tarrawonga Mine site.	The complainant was contacted and advised that the blast observed was within compliance approved monitoring limits and within required weather conditions for blasting at Tarrawonga.
2	7/3/2025	Complaints line	Blasting	A complaint was received regarding a loud noise following a blast at Tarrawonga Mine site that scared birds in the area.	The complainant was contacted and advised that the blast observed was within compliance approved monitoring limits for blasting at Tarrawonga.
3	21/3/2025	Complaints Line	Traffic	A complaint was received regarding a Tarrawonga mine worker who overtook the complainant in an unsafe manner whilst using a road not authorised for general mine related traffic.	The incident was investigated by Tarrawonga coal. All mine workers and contractors have been advised of the need to travel to and from work in a safe manner and only use approved roads whilst travelling to or from the mine site.

Environmental Management Plans

TAR Management Plans

The Tarrawonga Offset Management Plan 2025 (OMP) was submitted to the DPHI last in Q1 and approved in early July 2025. This report has been made available on the public website.

All Management Plans have been reviewed in the reporting period as a trigger from the submission of the Annual Review. The Blast Management Plan was submitted to the DPHI in June 2025 and is awaiting review. The Rehabilitation Management Plan (RMP) has been completed and awaiting internal review.

BTM Strategies

The BTM Air Quality Management Strategy is undergoing final stages of internal review and is expected to be submitted to the Department as soon as possible.

Annual and Compliance Reporting

Annual Review and Annual Return Reports

The Annual Return was submitted in February and March consecutively. The Annual Review 2024 has been approved during the reporting period and is available to view on the Tarrawonga public website.

Tyre Disposal

The most recent round of tyre disposal at TCM was in July, 2024. TCM disposed of 94 HV tyres through in-pit disposal. These were disposed of in the TN Pit as per approval conditions, and this was reported in the Annual Return for the EPA in January 2025.

During the reporting period TCM has been granted permission for tyre burial. TCM has not yet buried tyres during 2025. TCM has continued to store tyres on the surface level on site as per the previous licence conditions (200m²).

Annual Compliance EPBC statement

The Annual Compliance EPBC statement was submitted to DAWE in June 2025.

Annual National Pollutant Inventory (NPI) and Greenhouse Gas Emission (NGERs) Reports

TCM has submitted information for the NPI and NGERs reports in September 2025, this report is under review. The last reports were completed in September 2024, these were approved, and reports are available.

Audits - Compliance

Tarrawonga underwent their Independent Environmental Audit and Independent Biodiversity Audit, in June of 2023. These audits are required by the Project Approval PA11_0047, and EPBC Act respectively.

The next audit will be conducted on a three-year cycle, expected in June of 2026.

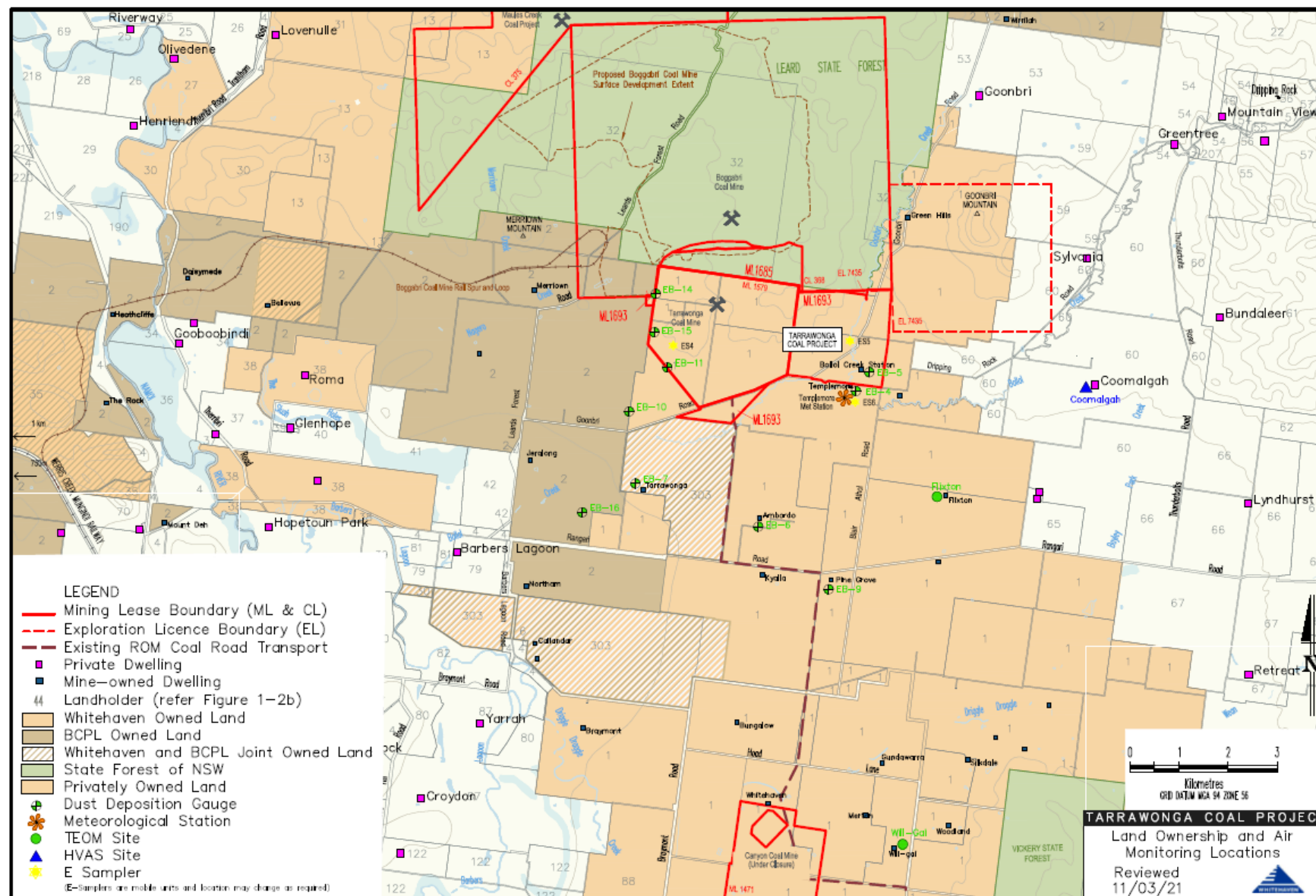
Approvals and Licencing

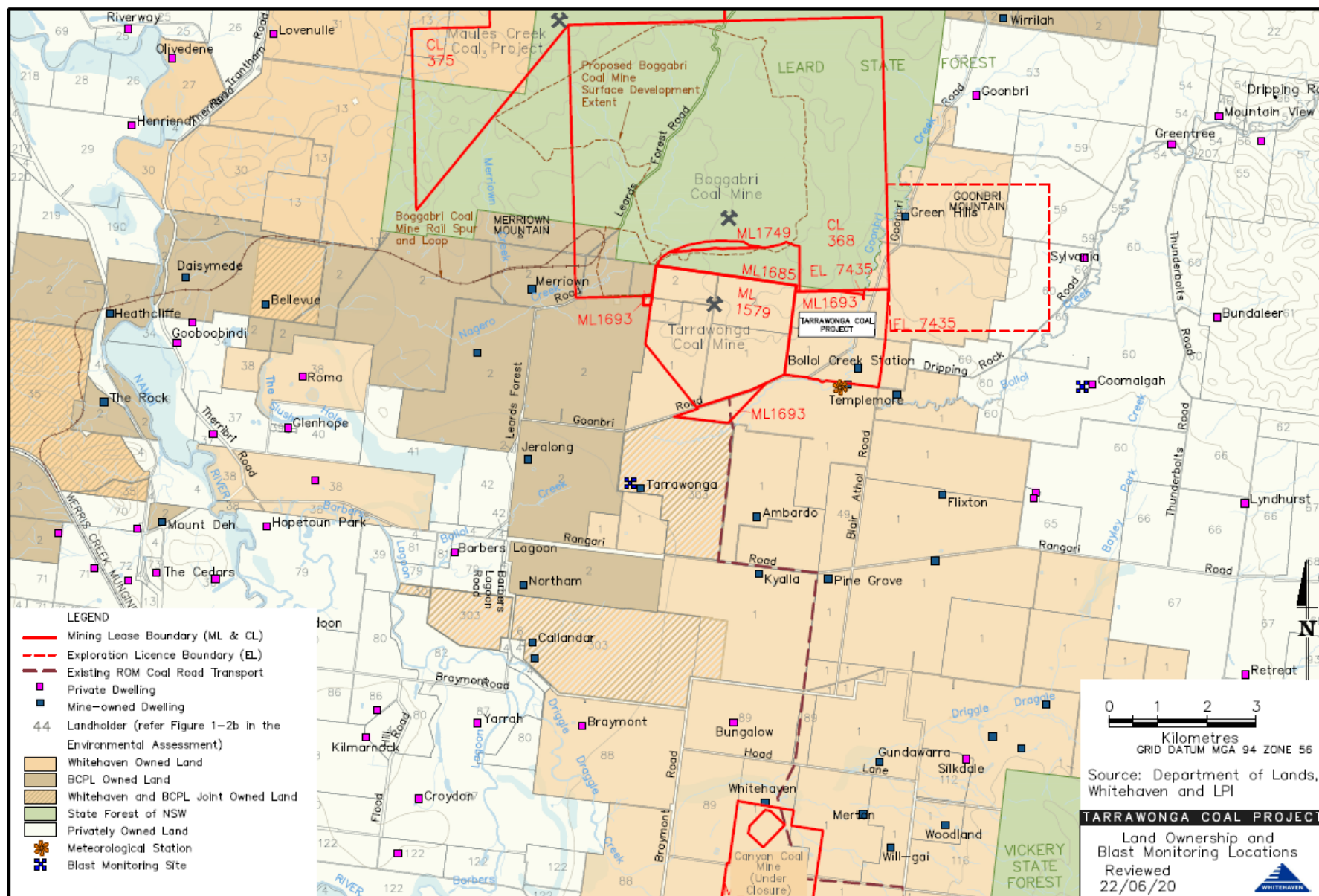
An interim approval for 2025 has been acquired for Tarrawonga. Tarrawonga's MP11_0047 Modification 11 was approved on the 8th of October 2025. This modification is in relation to approved coal haulage tonnage. Coal haulage has increased by 0.3Mtpa of ROM coal from Tarrawonga and Vickery to a cumulative 3.8Mtpa, for the duration of the 2025 calendar year. Tarrawonga has made administrative updates to Condition 6A, Schedule 2 of Rocglen Project Approval (MP10_0015) to align with this modification. Coal haulage will return to 3.5Mtpa after this calendar year and per the Project Approval.

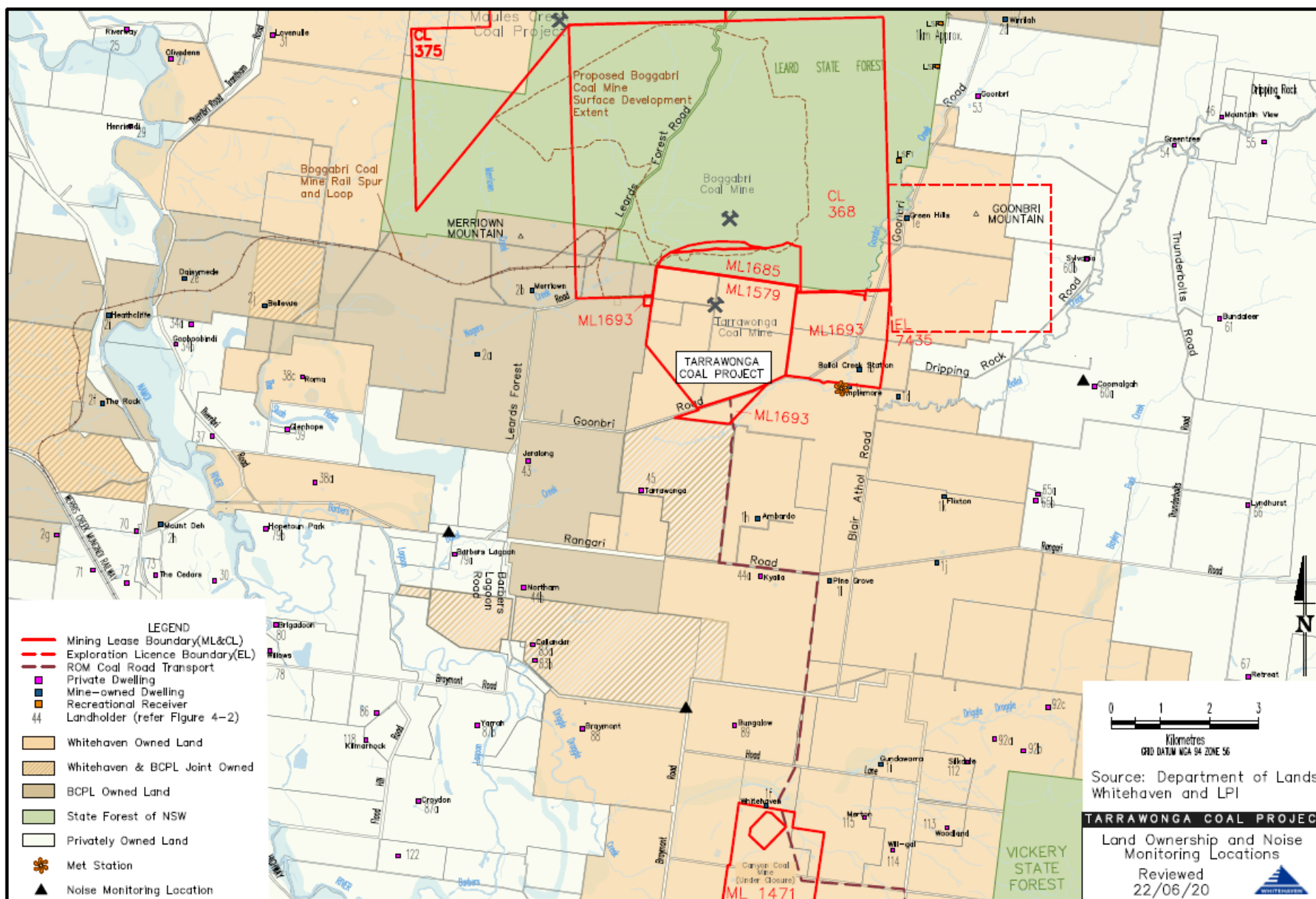
No additional modifications are expected in the foreseeable future.

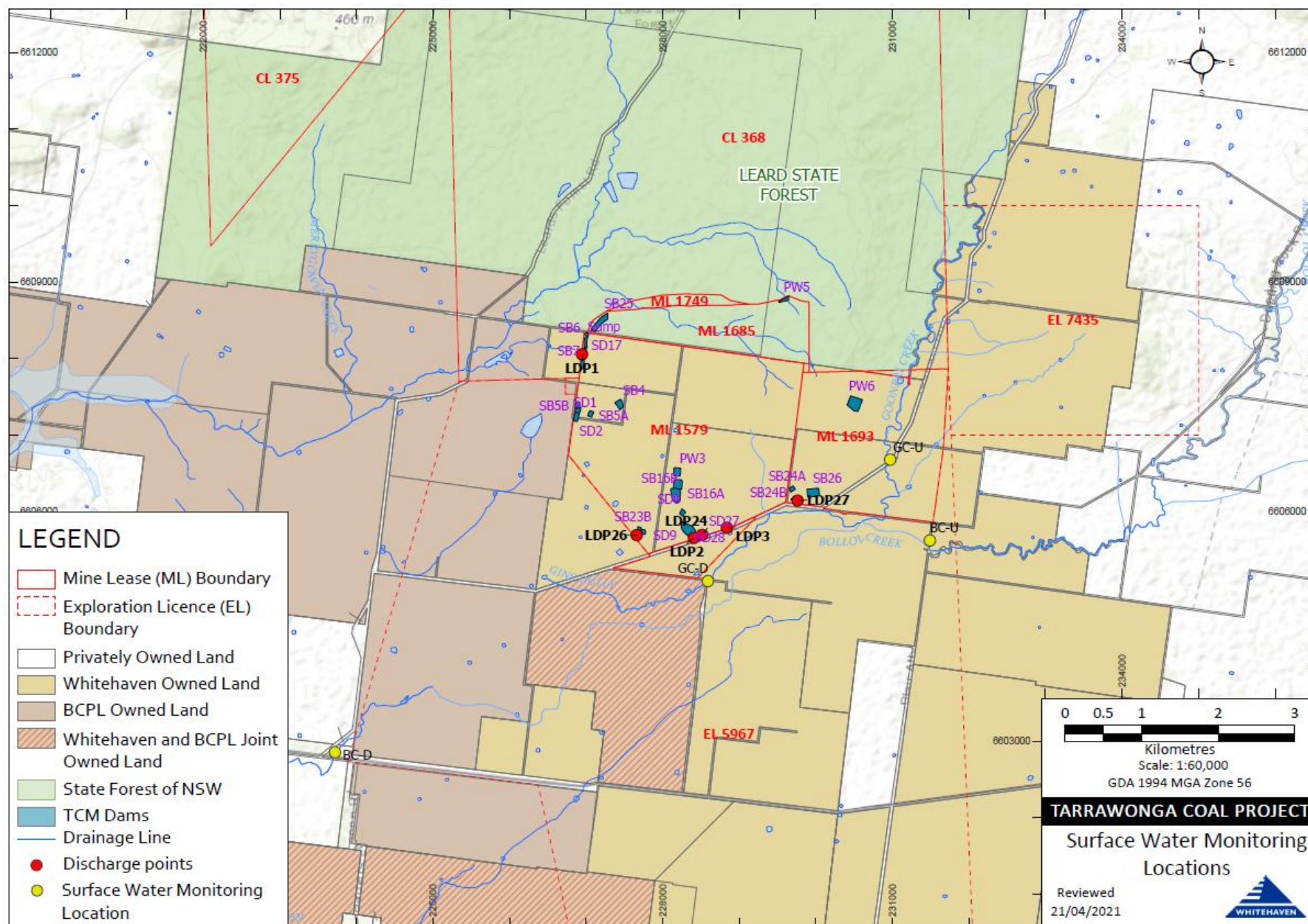
As previously mentioned, TCM has been granted permission to bury tyres in pit. No tyres have been buried thus far at TCM, further updates to these conditions or any further decisions regarding HV Tyres will be communicated here.

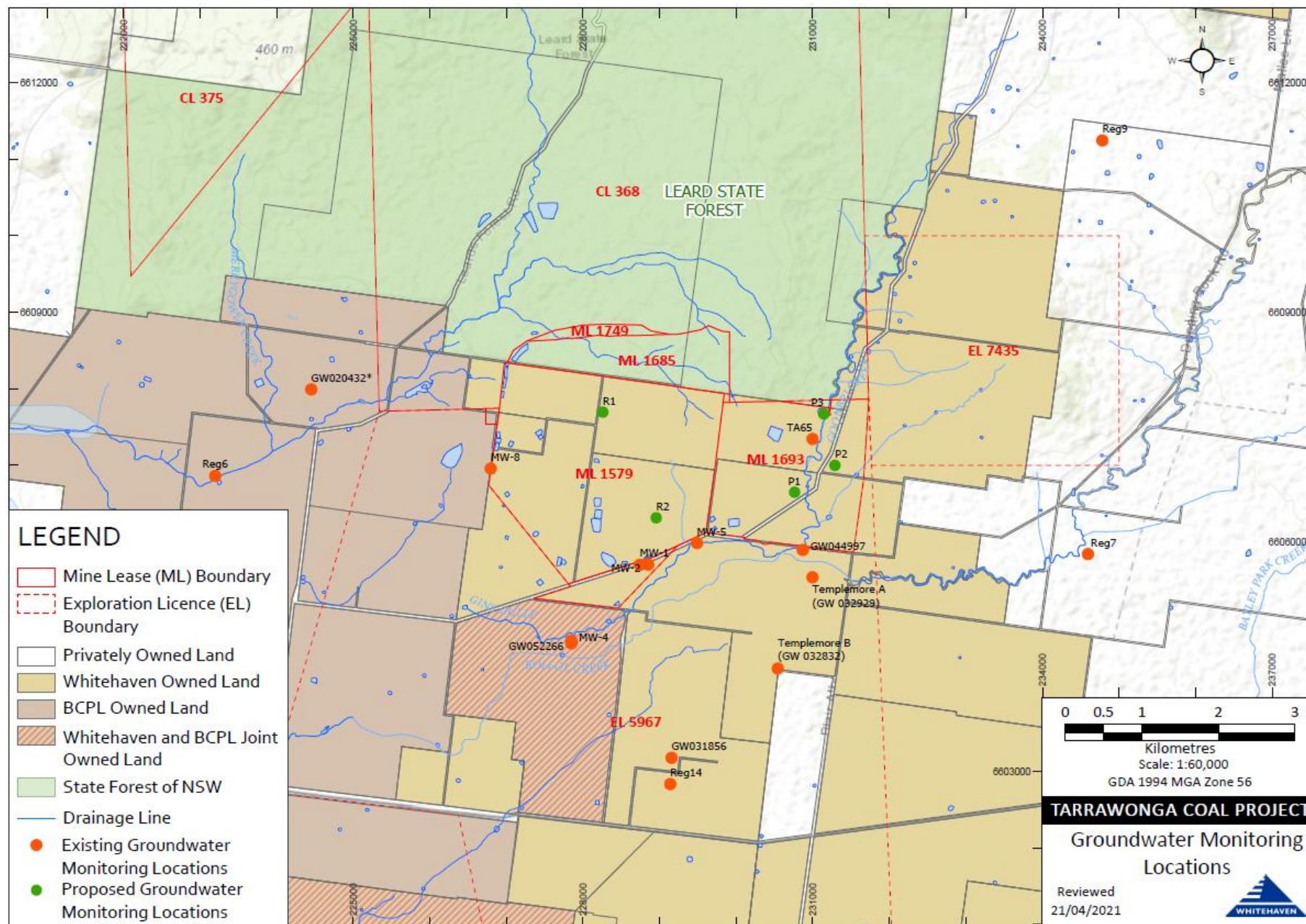
Appendix A



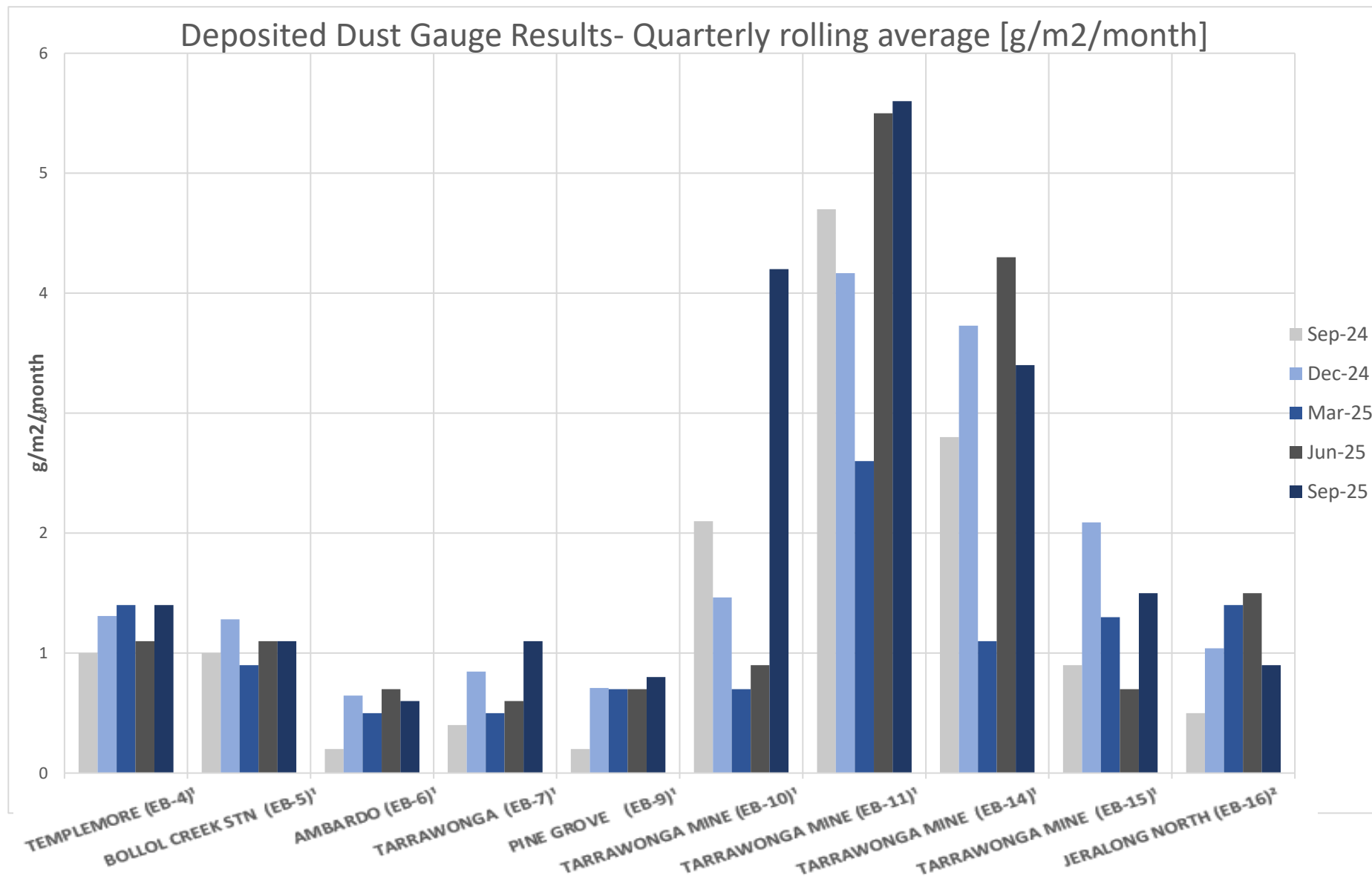




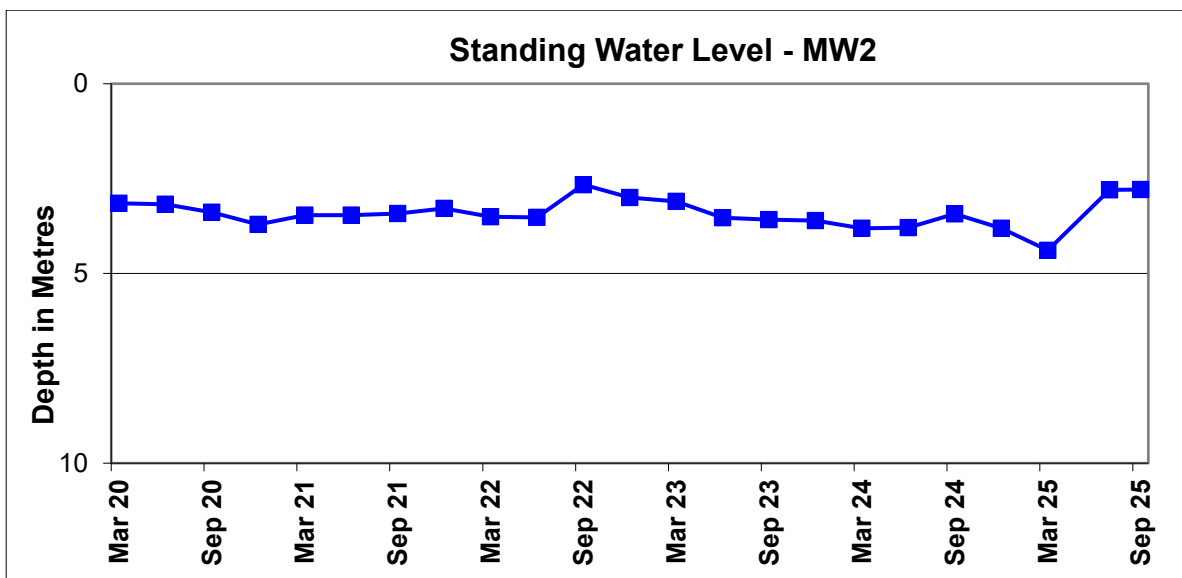
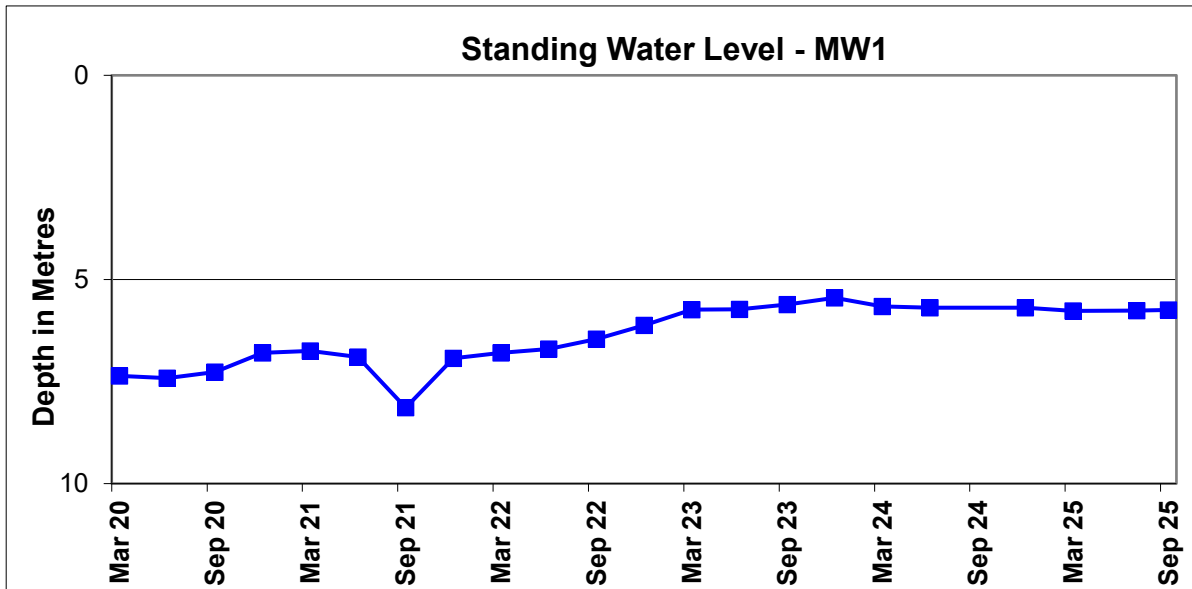


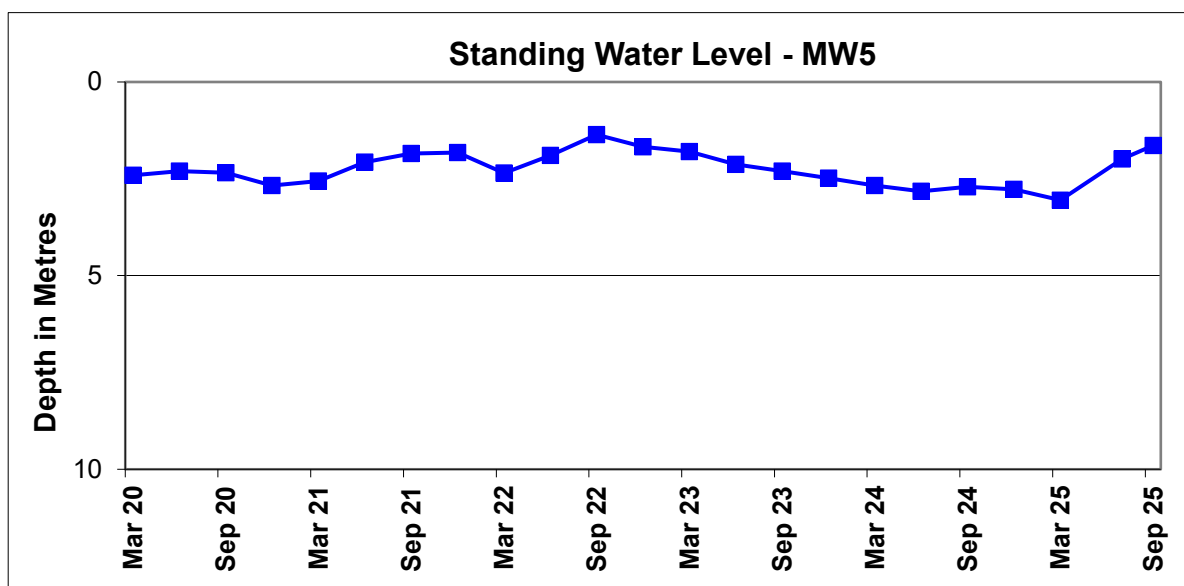
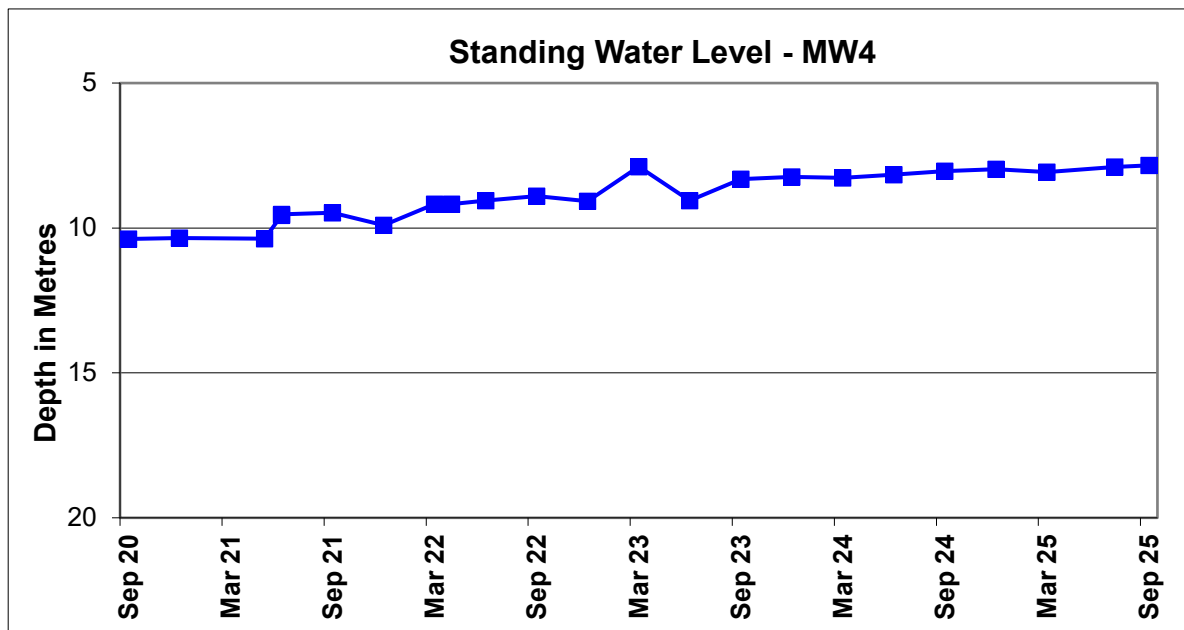


Appendix B



Appendix C





Tarrawonga Coal Community Consultative Committee

P.O. Box 37
Gunnedah 2380
E: tarrawongacoalccc@gmail.com
M: 0427 723 747

12 February 2026

Dear Committee Member,

Notice is given that a meeting of the Tarrawonga Coal Community Consultative Committee will be held on **Wednesday, 18 February 2026 at the Boggabri Golf Club, Kamilaroi Highway, Boggabri commencing at 10.00 am.**

AGENDA

1. Welcome
2. Apologies:
3. Acknowledgement of Country
4. Declaration of Pecuniary or other interests
5. Observers
6. Previous meeting - Minutes of meeting of 29 October 2025 – Approved 29 November 2025
7. Actions
 - 7.1 MJS to advise DPHI of concerns expressed by a community member regarding the determination of MOD 11
8. Correspondence
 - 8.1 Whitehaven – Gunnedah Open Cut Operation: Increased Coal Haulage Modifications
9. Environmental Monitoring Report
10. Proponent's Report
11. Other Agenda Items
 - Members' questions on matters specific to the project.
13. General Business
14. Next Meeting – 13 May 2026

I look forward to your attendance and contribution at the meeting.

Yours faithfully,

Michael J. Silver OAM
Independent Chair

Minutes: Minutes of the 83rd Meeting of the Tarrawonga Coal Community Consultative Committee held at the Boggabri Golf Club, Kamilaroi Highway, Boggabri on Wednesday 18 February 2026 commencing at 10.02 am.

Members Present: Elizabeth O’Hara (EOH) – Community Representative, Mark Hathaway (MHa) – Community Representative, Lloyd Finlay (Community Representative, Wade Hudson (WH) – Gunnedah Shire Council, Matt Hollis (MH) – Tarrawonga Coal Mine, Jonathon Kool (JK)– Tarrawonga Coal Mine, Jabin De Kiezer (JdeK) - Whitehaven Coal, Online: Cr Jocellin Jansson (JJ) – Narrabri Shire Council.

Observers: Nil

Apologies: Nil

Independent Chair: Michael J. Silver OAM (MJS)

Agenda Item	Discussion	Action/By Whom
1.	Welcome and Apologies – MJS welcomed everyone to the meeting.	
2.	Acknowledgement of Country - The Chair acknowledged the Traditional Owners of the land on which the meeting is being held and their continuing connection to land, water, and culture, paying respects to their Elders past, present and emerging.	
3.	Declaration of pecuniary or other interests – EOH has a small package of WHC shares. MJS expenses as Chair are borne by TCM.	
4.	Minutes from Previous Meeting – Members noted that the minutes of the meeting of 29 October 2025 were approved on 29 November 2025.	
5.	Business Arising Nil	
6.	Actions from Previous Meeting 6.1 DPHI to be advised of concerns expressed by a community member regarding the determination of MOD 11. MJS indicated that the DPHI had been advised of the concerns. EOH again expressed concern relative to permit an increase in tonnage of coal to be hauled by trucks on the roads and delays in moving to rail haulage. MH responded that construction of rail infrastructure is a business decision of the investment group within the Whitehaven. The increase in truck tonnage is within the carrying capacity set for the haulage vehicles. MH then noted that the modification allows for an interim road haulage capacity of 3.8 million tonnes for the 2025 Calander year with no present need, for an overpass over the Kamilaroi Highway as required for the full 4.1 million tonnes annual haulage capacity. WH provided an historical overview of coal haulage along the Blue Vale Road and considerations associated with a road overpass of the Kamilaroi Highway.	
7.	Correspondence 7.1 Whitehaven Coal Limited: Advising of a proposed modifications to the Tarrawonga Coal Project approval (MOD 12) and the Vickery Extension Project approval (MOD 3). MJS advised the correspondence had been distributed to the Committee. MH delivered a presentation on the proposed modifications. He noted the interim modification permitted up to 3.8 Mt per annum to be hauled by road without an overpass over the Kamilaroi Highway during Calander Year 2025 only. He indicated that a broad analysis of the direction forward to 2030 was being undertaken particularly regarding the viability to build infrastructure to support the Vickery project. He noted that the lead to time for infrastructure construction such as an overpass is considerable. MH then proceeded to outline the principal components of the Modifications: an increase in ROM coal haulage of 0.6 Mtpa along the southern section of the Approved ROM Coal Transport Route (cumulatively a total of 4.1 Mtpa ROM coal) to the Whitehaven CHPP from calendar year 2026 until 31 December 2030.	

- change of the ROM coal haulage limit in the VCM Development Consent (SSD 7480) from financial year to calendar year to align with the TCM and Whitehaven CHPP calendar year limits.

MH advised that the intent of the modifications is to not build the road overpass but maintain the same number of traffic movements but using higher capacity within the haulage vehicles to achieve the increased coal movement. He detailed the critical issues associated with building a road overpass – cost, timeframe to build and limitations on accessibility due to floodplain issues (flood impacts).

MH added that Whitehaven is examining options to increase production to 4.1 Mt per annum without increasing impacts on the environment. This can be achieved by increasing the payload on the existing haulage vehicles.

EOH expressed the opinion that the community is paying for Whitehaven's problems. Coal prices have declined, noting that last financial year Whitehaven NSW revenue declined by 20%, despite production only declining by 3% compared to the previous year. It is a dying industry. People within the community feel that they are being burdened with the cost of this decline. She also expressed concern over safety on the haulage road particularly at dusk.

Discussion proceeded on the implications of axle loadings and the general safety of road haulage. MH indicated that haulage of 4.1 Mt per annum may not be every year and will be dependent on coal production from Vickery Coal Mine as it expands its operations.

In response to the Chair, MH advised that all Management Plans will be reviewed and discussions will occur with the relevant Council's regarding the road maintenance agreements. WH advised that the current road maintenance agreements are reviewed annually regarding cost adjustments. MH added that it is in Whitehaven's interests, and the community, to ensure Blue Vale Road is maintained to an acceptable safe standard.

LF highlighted concerns over the unacceptable standard – specifically the shoulder sealing beyond the fog line of a section [1.5 to 2 kilometres] of Rangari Road (between the private WHC haul road sections) that has been reconstructed in Narrabri Shire. Cr Jansen took the matter on notice.

MH outlined the modification process indicating the two MODs are expected to be lodged in April 2026. EOH questioned why it will be a joint modification and what the consultation process will be. MH responded that both existing consents for Vickery and Tarrawonga mines need to be amended simultaneously and the consultation process is a matter for the DPHI to determine.

MH then outlined what the likely scenario post-2030 will be with respect of the WHC CHPP and Tarrawonga mine projects. He advised that as Vickery expands in line with its existing approvals, the existing CHPP at Gunnedah will not be able to process the amount of coal extracted. Consideration will need to be given to investment to construct a new CHPP onsite at Vickery

	Coal mine including associated rail load out infrastructure. It is probable that will take two years to have it and associated infrastructure in place. The decisions on investment and infrastructure are matters for the Whitehaven board. MH indicated that Tarrawonga Coal is currently scheduled to close in 2030 – there has been no formal decision internally at WHC on an extension to the life of mine at Tarrawonga to accommodate the time required to mine out the existing approved mines foot print beyond 2030 and subsequently achieve the approved mine closure objectives.	
8.	Proponent’s Environmental Monitoring Report <i>A copy of the Quarterly Environmental Report is attached to the minutes.</i> MH stepped the Committee through the report. Noise MH advised that there were no non compliances regarding attended noise monitoring and monitoring locations. Blast Monitoring MH advised there had been eleven (11) blasts during the reporting period, and each had been compliant. Air Quality Monitoring MH provided a summary of air quality monitoring. He advised that there were no exceedances at the monitoring sites. The High-Volume Air Sampler (HVAS) at ‘Coomalagh’ did provide a non-compliant result – this was reported to DPHI with subsequent investigation attributing the dust result to non-mining related activity (trucks on local road and local farming activities). MH also commented on the real time air quality unit (TEOM) to monitor PM10 levels near the mine. EOH enquired whether PM2.5 is monitored. MH advised this is not recorded by Tarrawonga but a PM2.5 monitor is located between Vickery and Tarrawonga Mine sites. Ground/Surface Water MH stepped the Committee through the Water Monitoring table, noting there were no anomalies. Clearing No clearing undertaken to date. MH added that contrary to previous CCC meeting advice, a small amount of clearing would be required during 2026 to accommodate some mine infrastructure relocation.	

Rehabilitation and Clearing

MH advised the Annual Rehabilitation Report will be submitted to the Resource Regulator in February 2026 and will subsequently be placed on the website for public availability.

MH highlighted that 53.1 hectares of rehabilitation works had been completed in 2025 made up of 30.4 hectares of landform and 22.7 of ecosystem establishment. He also reported that trees on both the north and south rehabilitation areas are looking healthy and are monitored by ecologists annually to assess the success of the rehabilitation.

EOH enquired as to the extent and nature of weed control. MH responded that control is undertaken generally in the spring/summer period with thistles and Paterson's Curse the primary problems. Weed control is monitored by an agronomists and spray programs tailored to adopt professional advice for each weed management campaign.

MH advised that it is proposed to clear approximately 5 hectares of land, not for mine advancement but to permit infrastructure placement.

Complaints

MH advised there were no new complaints during the reporting period.

Environmental Management Plans

MH advised the Tarrawonga Offset Management Plan 2025 (OMP) was submitted to the DPHI in Q1 and approved in early July 2025. This report has been made available on the public website.

The Blast Management Plan was approved by the DPHI in December 2025 whilst the BTM Air Quality Management Strategy was lodged with DPHI in November 2025.

Annual and Compliance Reporting

The Annual Review 2024 has been approved and is available to view on the Tarrawonga public website. The 2025 Annual Return will be lodged at the end of March 2026.

Tyre Disposal

MH advised that 129 HV tyres were disposed of by inpit disposal in November 2025.

JJ sought advice on the overall number of tyres disposed of at Tarrawonga Coal. She explained that Narrabri Shire Council is currently examining potential options for a tyre recycling and management facility in the Shire. MH noted that WHC prepared an options report addressing tyre disposal options for WHC in the Gunnedah Basin. The options report was developed and lodged with the NSW EPA during 2025. He invited JJ to liaise with Whitehaven on the matter. EOH added that across the BTM

CCC's there was ongoing concern regarding HV tyre disposal. MJS commented on the EPA's current approach to HV tyre management and disposal, noting that it is critical that any commercial approach is economically viable.

Annual Compliance EPBC statement

The Annual Compliance EPBC statement was submitted to DAWE in June 2025.

Annual National Pollutant Inventory (NPI) and Greenhouse Gas Emission (NGERs) Reports

MH advised the NPI and NGERs reports were submitted in September 2025, these reports are under review by the relevant agencies.

Audit

MH advised that the next Independent Environmental Audit and Independent Biodiversity Audit is expected to be conducted in June of 2026.

Approval/Licencing

MH advised an interim approval for 2025 has been acquired for Tarrawonga. Tarrawonga's MP11_0047 Modification 11 was approved on the 8th of October 2025. This modification is in relation to approved coal haulage tonnage. Coal haulage has increased by 0.3Mtpa of ROM coal from Tarrawonga and Vickery to a cumulative 3.8Mtpa, for the duration of the 2025 calendar year. MH advised that coal haulage has now returned to 3.5Mtpa as per the Project Approval.

Operation Overview

Current Safety Performance

MH presented the current safety performance with the Total Recordable Injury Frequency Rate (TIRFR) being 2.1 being lower.

Monitoring

MH noted there had been no exceedances for noise or blasting. There was one air quality exceedance, but this was not due to mining operations.

Compliance

MH advised the Blast Management Plan had been approved and the Rehabilitation Management Plan reviewed and updated.

Rehabilitation

MH indicated that 30.4 hectares of landform was completed for 2025.

Upcoming Works

MH outlined the works proposed In Q1 2026:

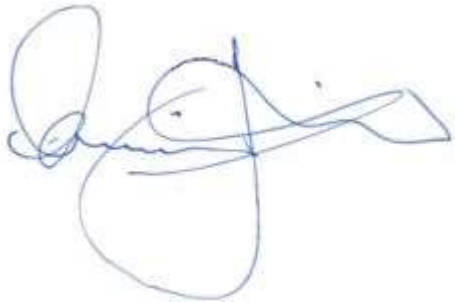
- TCM will continue to move subsoil and topsoil from the storage/clearing area into the 2026 Rehab areas.

	• This topsoil will be spread over the 2025 landform area that will be Seeded during Autumn / Winter 2026. • Required maintenance works will continue to be undertaken. • Monitoring will continue as per normal. • A small clearing campaign will be undertaken during Q1 for approx. 5.0Ha to support the relocation of in pit Crib Hut amenities and Go Lines to the Eastern extents of the Tarrawonga Open Cut. • Annual Reporting will occur during Q1- 2026 • 2025 / 2026 Annual Return (EPL12365) • 2026 - 2028 Forward Plan (Site Rehabilitation Planning) • 2025 Annual Review EOH sought clarification on clearance protocols. EOH requested advice on processes associated with recording animals impacted and how impacted animals are managed. MH stepped through the clearing process noting the following steps: • General pre-clearance inspection. • Ecologist pre-clearance inspections • Habitat inspections (hollows inspected) • Animals impacted recorded • Felled trees ecologist inspections EOH asked whether a list of impacted animals can be provided. MH advised that this information is available in the published Annual Review document each year and available on the WHC – Tarrawonga website.	
9.	Other Agenda Items 9.1 Air Quality Monitoring – EOH expressed concern at the lack of a co-ordinated approach to air quality management in the region. She noted the demise of the Namoi Air Quality Auditing Committee through a lack of interest. MH responded that air monitoring network is still operating with the various mines still submitting data to the NSW Department of Climate Change, Energy, the Environment and Water (DCCEEW). WH advised that the Upper Hunter Air Quality Monitoring Network is still operating. EOH suggested that the overall extent of air quality monitoring is inadequate such as the recording of PM10 over PM2.5 and the little assessment of the presence of nitrogen dioxide. EOH requested that the matter of air quality monitoring be placed on the agenda of the next meeting. 9.2 Transitioning Off EOH commented that Tarrawonga Coal Mine is scheduled to close in 2030 – she questioned what happens after the mine closes and the impact on the community. What will be the impact on individuals and business.	ACTION That Air Quality Monitoring be placed on the agenda of the next meeting.

	MH provided an insight into the closure of Werris Creek Coal mine and the implications for workers and the community. He noted there is end of mine life discussions with DPHI. EOH suggested alternative economic and business opportunities need to be examined. MH suggested that despite the closure of Tarrawonga and potential implications for the town of Boggabri, the Maules Creek Coal mine and the Vickery mine will continue to operate. WH indicated Gunnedah Shire Council has been conscious of the potential mine closures and the need to support alternative industry and commercial operations to address possible population impacts. MJS commented that he would be discussing the implications of the mine closure with both Narrabri and Gunnedah Councils.	
10.	General Business Nil	
11.	Next Meeting The next meeting is scheduled for 13 May 2026	

Meeting closed at 11.40 am.

Approved:



Michael J. Silver OAM
Independent Chair

19 March 2026

Appendix 1: Actions

Action No	Description	Date Raised	Page No	Status
1	TCM to explore feasibility of presenting a slide in future of injuries falling / rising	14.02.24	3	COMPLETED 13.11.24
2	TCM to provide link to Sustainability Report	14.02.24	3	COMPLETED 15.05.24
3	MW to investigate if Social Impact Plan was available	14.02.24	4	COMPLETED 15.05.24
4	MJS to advise Ms Druce that the proposition should be discussed with NSC and RFS.	15.05.24	2	COMPLETED 06.06.24
5	That the Tarrawonga Coal Mine Rehabilitation Objectives be presented at the October 2024 CCC meeting.	29.08.2024	3	COMPLETED 13.11.224
6	JdeK to advise whether DPHI will publicly exhibit proposed haulage Modification.	03.09.2025	5	COMPLETED 29.10.25
7	MJS to advise DPHI of concerns expressed by a community member regarding the determination of MOD 11	29.10.25	3	COMPLETED 16.02.26
8	MJS to place Air Quality Monitoring on the agenda of the next meeting.	18.02.26	7	

Tarrawonga Coal Mine Community Consultative Committee Meeting #83

**Quarterly Environmental Monitoring Report
October 2025 – December 2025**



Photo taken December 2025 showing rehabilitation progression of the Southern Rehab

This report has been prepared for the Community Consultative Committee (CCC) meeting to show Environmental monitoring performance at Tarrawonga Coal Mine (TCM) for the reporting period from October 1, 2025, to December 31, 2025. Maps with all the monitoring locations are available in *Appendix A*.

Noise Monitoring

Attended Noise Monitoring was conducted during this period.

Attended noise monitoring was conducted at the “Bungalow” (TN4), “Barbers Lagoon” (TN3) and “Matong” (TN2) properties from 15th and 19th December 2025. Noise criteria for the mine is 35dB(A) Leq (15 min) for all operating times.

Results below show that noise emissions from the mine did not exceed operational noise criteria at the “Barbers Lagoon”, “Bungalow” or “Matong” monitoring locations for any monitoring events during the monitoring period.

(See below summary tables extracted from Tarrawonga Coal Mine Noise Monitoring – Q4 December 2025)

Table 1 TCM Operational Noise Monitoring Results – 15 December 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	9:17 pm	40	49 / 1.6 / E	Insects (40), TCM (<20)
Barbers Lagoon – TN3	7:47 pm	43	313 / 1.3 / D	Insects (43), plane (30), TCM (<20)
Bungalow – TN4	8:29 pm	33	261 / 1.5 / D	Insects (33), TCM (<20)

Table 2 TCM Operational Noise Monitoring Results – 15-16 December 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:01 pm	37	257 / 1.9 / E	Insects (37), TCM (<20)
Barbers Lagoon – TN3	12:37 am	48	139 / 5.0 / E	Car (48), insects (35), wind (33), TCM (<20)
Bungalow – TN4	11:22 pm	35	100 / 3.1 / D	Insects (32), wind (28), TCM (<20)

Table 3 TCM Operational Noise Monitoring Results – 16 December 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	2:52 pm	38	285 / 1.9 / B	Birds (37), wind (30), TCM (<20)
Barbers Lagoon – TN3	11:25 am	32	155 / 3.6 / A	Birds (30), plane (26), TCM (<20)
Bungalow – TN4	1:02 pm	39	8 / 1.8 / B	Insects (38), wind (32), TCM (<20)

Table 4 TCM Operational Noise Monitoring Results – 16 December 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	9:21 pm	39	82 / 5.0 / D	Insects (37), wind (33), TCM (<20)
Barbers Lagoon – TN3	7:50 pm	50	47 / 2.7 / D	Birds (50), wind (40), TCM (<20)
Bungalow – TN4	8:33 pm	39	173 / 2.8 / D	Insects (36), Wind (35), TCM (<20)

Table 5 TCM Operational Noise Monitoring Results – 16-17 December 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:01 pm	38	81 / 5.3 / D	Wind (37), insects (30), TCM (<20)
Barbers Lagoon – TN3	1:30 am	38	117 / 3.3 / D	Insects (36), wind (32), TCM (<20)
Bungalow – TN4	11:49 pm	40	94 / 4.1 / E	Insects (40), wind (34), TCM (<20)

Table 6 TCM Operational Noise Monitoring Results – 17 December 2025 (Day)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	4:25 pm	36	118 / 1.6 / A	Birds (34), wind (30), TCM (<20)
Barbers Lagoon – TN3	1:03 pm	43	353 / 1.8 / A	Traffic (41), birds (35), wind (32), TCM (<20)
Bungalow – TN4	2:40 pm	37	353 / 1.5 / A	Birds (36), wind (31), TCM (<20)

Table 7 TCM Operational Noise Monitoring Results – 17 December 2025 (Evening)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	9:30 pm	37	79 / 1.6 / E	Insects (37), wind (25), TCM (<20)
Barbers Lagoon – TN3	7:36 pm	47	145 / 1.5 / E	Cars (45), birds (42), TCM (<20)
Bungalow – TN4	8:21 pm	41	46 / 1.7 / E	Insects (39), wind (35), TCM (<20)

Table 8 TCM Operational Noise Monitoring Results – 17-18 December 2025 (Night)				
Location	Time	Total dB(A), Leq (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:02 pm	41	62 / 1.5 / E	Insects (41), wind (32), TCM (<20)
Barbers Lagoon – TN3	12:27 am	41	17 / 2.2 / D	Insects (41), wind (25), TCM (<20)
Bungalow – TN4	11:17 pm	31	99 / 2.2 / D	Insects (30), wind (22), TCM (<20)

Table 9
TCM Operational Noise Monitoring Results – 18 December 2025 (Day)

Location	Time	Total dB(A), Leg (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	1:58 pm	45	340 / 1.9 / A	Wind (43), insects (39), TCM (<20)
Barbers Lagoon – TN3	10:26 am	45	326 / 2.4 / B	Cars (43), birds (39), TCM (<20)
Bungalow – TN4	12:10 pm	37	266 / 2.1 / A	Birds (34), wind (33), TCM (<20)

Table 10
TCM Operational Noise Monitoring Results – 18 December 2025 (Evening)

Location	Time	Total dB(A), Leg (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	9:06 pm	41	23 / 1.5 / F	Insects (41), TCM (<20)
Barbers Lagoon – TN3	7:34 pm	42	16 / 1.3 / D	Birds/insects (32), TCM (<20)
Bungalow – TN4	8:13 pm	52	335 / 0.4 / E	Insects (52), TCM (<20)

Table 11
TCM Operational Noise Monitoring Results – 18-19 December 2025 (Night)

Location	Time	Total dB(A), Leg (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	10:00 pm	41	36 / 2.4 / D	Insects (41), TCM (<20)
Barbers Lagoon – TN3	12:26 am	41	72 / 2.9 / D	Insects (40), sheep (31), TCM (<20)
Bungalow – TN4	11:16 pm	38	13 / 1.4 / D	Insects (37), traffic (30), TCM (<20)

Table 12
TCM Operational Noise Monitoring Results – 19 December 2025 (Day)

Location	Time	Total dB(A), Leg (15 min)	Wind speed / direction / PSC	Identified Noise Sources
Matong – TN2	2:25 pm	43	327 / 0.8 / A	Car (42), birds (34), TCM (<20)
Barbers Lagoon – TN3	10:57 am	42	309 / 2.1 / D	Birds (40), insects (36), TCM (<20)
Bungalow – TN4	12:39 pm	40	45 / 2.1 / A	Birds (38), insects (33), wind (29), TCM (<20)

Noise from the mine must not exceed 45 dB(A) L1 (1 min) between 10 pm and 7 am. This criterion is to minimise the potential for sleep disturbance because of individual loud noises from the mine.

Results of attended monitoring show that the measured L1 (1 min) noise level did not exceed sleep disturbance criteria.

Table 13 TCM Sleep Disturbance Monitoring Results – 15-16 December 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:01 pm	40	<20	Insects	257 / 1.9 / E
Barbers Lagoon – TN3	12:37 am	52	<20	Car	139 / 5.0 / E
Bungalow – TN4	11:22 pm	41	<20	Insects	100 / 3.1 / D

1. L1 (1 min) – total measured level.
2. L1 (1 min) – TCM noise only.

Table 14 TCM Sleep Disturbance Monitoring Results – 16-17 December 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:01 pm	42	<20	Wind	81 / 5.3 / D
Barbers Lagoon – TN3	1:30 am	38	<20	Insects	117 / 3.3 / D
Bungalow – TN4	11:49 pm	43	<20	Wind	94 / 4.1 / E

Table 15 TCM Sleep Disturbance Monitoring Results – 17-18 December 2025 (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:02 pm	43	<20	Insects	62 / 1.5 / E
Barbers Lagoon – TN3	12:27 am	45	<20	Insects	17 / 2.2 / D
Bungalow – TN4	11:17 pm	35	<20	Insects	99 / 2.2 / D

Table 16 TCM Sleep Disturbance Monitoring Results – 18-19 December (Night)					
Location	Time	dB(A) L1 (1 min) ¹	dB(A) L1 (1 min) ²	L1 Source	Wind speed / direction / PSC
Matong – TN2	10:00 pm	45	<20	Insects	36 / 2.4 / D
Barbers Lagoon – TN3	12:26 am	44	<20	Insects	72 / 2.9 / D
Bungalow – TN4	11:16 pm	38	<20	Insects	13 / 1.4 / D

The real time noise monitor located on the “Coomalgah” property remains a management tool, so the noise criteria are not applicable at that site. Levels of noise recorded at that location are managed according to the Noise Management Plan and Trigger Action Response Plan.

Blast Monitoring

Blasting Results

Since 2006, there have been 1396 blasts (until 31/12/2025) at TCM. 11 of these were during the reporting period.

Table 1 below displays the peak ground pressure and overpressure values recorded and dates at the compliance monitor on Coomalgah property during the quarter.

TCM overpressure and ground vibration for the quarter was compliant and did not exceed the blasting criteria declared in the project approval and Blast Management Plan (BMP).

Table 1 - Max Peak Overpressure and Ground Pressure for the Quarter

Monitor Location	Date	Max. Peak Overpressure (dB)	Criterion (dB)	Date	Max. Peak Ground Pressure (mm/s)	Criterion (mm/s)
Coomalgah	25/11/25	115.3	120	13-Sep-25	0.68	10

Air Quality Monitoring

Dust Deposition Gauge Results

Standard Australia AS/NZS 3580.10.1:2016, "Methods for sampling and analysis of ambient air – Determination of particulate matter – Deposited matter – Gravimetric Method," classifies deposited dust as insoluble solids. Therefore, TCM tests air quality monthly at mine-owned sites for indicative purposes, to infer compliance, against the limit of 4 g/m²/month.

Table 3 shows deposited dust gauge results over 12 months. All the dust monitors are located on project related or WHC owned land; as such compliance criteria (4g/m²/month) do not apply. While deposited dust trends remain steady during the reporting period (refer graph in *Appendix B*), some monitors are displaying non-mine related particulate matter deposition more regularly than others. Non-mine related particulate matter could be attributed to organic matter (such as leaves, mice, frogs, insects or bird faeces that fall in to the bottles), or they may be in farming locations, so during some months dust levels may be higher due to harvesting. To mitigate contamination from bird faeces, spikes have been added to the top of each dust gauge unit to deter birds from perching.

Table 2 - Deposited Dust Gauge Results [g/m2/month]

MONTH	TEMPLEMORE (EB-4)	BOLLOL CREEK STN (EB-5)	AMBARD (EB-6)	TARRAWONGA (EB-7)	PINE GROVE (EB-9)	TARRAWONGA MINE (EB-10)	TARRAWONGA MINE (EB-11) ¹	TARRAWONGA MINE (EB-14)	TARRAWONGA MINE (EB-15)	JERALONG NORTH (EB-16)
Jan-25	5.3c	1.8	0.8	1.3	1.3	4.3c	2.8	2.8	1.1	3.1c
Feb-25	3.0	1.6	0.9	1.2	0.6	1.9	4.4	2.9	1.2	5.5c
Mar-25	1.4	0.9	0.5	0.5	0.7	0.7	2.6	1.1	1.3	1.4
Apr-25	1.2	1.2	0.8	0.4	1.9	0.7	4.0	3.6	1.2	3.7
May-25	1.1	1.4	1.0	1.2	1.1	4.9	5.3	7.4c	1.9	0.9
Jun-25	1.1	1.1	0.7	0.6	0.7	0.9	5.5	4.3c	0.7	1.5
Jul-25	1.7	1.2	0.2	0.2	0.3	0.8	1.4	4.0c	0.6	0.5
Aug-25	4.2	0.8	0.2	0.4	0.6	0.8	4.3	1.3	0.7	0.6
Sep-25	1.4	1.1	0.6	1.1	0.8	4.2c	5.6	3.4	1.5	0.9
Oct-25	1.2	2.2	0.9	1.4	0.8	4.3c	3.8	3.1	3.2c	0.7
Nov-25	3.7c	3.1	1.9	3.0c	1.9	1.9	4.7	4.5c	3.2c	7.6c
Dec-25	5.1c	1.9	2.2	1.2	1.2	5.3c	2.7	3.7	6.2c	2.9
12 MONTH ROLLING AVERAGE	2.5	1.5	0.9	1.0	1.0	2.6	3.9	3.5	1.9	2.4

C Analysis done/field comments on these bottles concluded that they are contaminated, often with low ash/insoluble matter. Often noted on field sheets are bird droppings, insects and plant matter. These are now excluded from the average calculation.

+ bottles not compliant for DDG testing, so results are not to be assessed against criteria alone. Still used to calculate average

¹DDG bottle on the fence line between TCM and BCM ROM.

^{N/A} bottle was removed with a fence by land occupant. No result available.

High Volume Air sampler (PM10) Results

The High Volume Air Sampler (HVAS) installed at Coomalgah property monitors levels of Particle Matter under 10 micron (PM₁₀). It operates for 24hr every 6 days. **Table 3** shows that all 24hr average values recorded for this quarter are below 50µg/m³ with the exception of an elevated result obtained on the 9th October. This result was notified to the NSW Department of Planning, Housing and Infrastructure and the results investigated. Investigation findings attributed the dust result to a non-mining related – localised dust source.

Table 3: HVAS PM10 24hr Quarterly Average levels

Date	24hr averaged PM10 (µg/m ³)	Criterion 24hr average (µg/m ³)	Comments
3/10/2025	15.1	50	
9/10/2025	167		
15/10/2025	21.6		
21/10/2025	21.7		
27/10/2025	22.1		
2/11/2025	11.1		
8/11/2025	9.5		
14/11/2025	20.1		
20/11/2025	16.0		
26/11/2025	12.8		
2/12/2025	1.3		
8/12/2025	8.6		
14/12/2025	5.5		
20/12/2025	25.9		
26/12/2025	14.9		

* results pending - lab report delayed.

Real-time Air monitoring (PM₁₀)

A real time air quality unit (TEOM) is located at the “Flixton” property to monitor PM₁₀ levels in ambient air, as per the current Air Quality and Greenhouse gas Management Plan. It is an operational management tool and dust levels nearing or reaching the nominated criteria will trigger actions onsite to assess the source of dust and modify operations if it is determined to be related to Tarrawonga operations.



Figure 1: TEOM installed at Flixton property

Three portable dust (PM₁₀) monitors have been utilised since Nov 2018 to improve the real-time dust monitoring network and assist the operation to mitigate any potential dust generated by the operation.



Figure 2: Portable and real-time dust monitor installed at TCM in November 2018

Water Monitoring

Groundwater

Routine groundwater monitoring results undertaken during 2025, are shown in **Table 4** (refer to graphs in *Appendix C*).

Table 4: Groundwater results summary

Site	Date	SWL (mbgl)	pH (units)	Elect. Conductivity (µS/cm)
MW1	March 25	6.44	7.03	3,050
	~July 25	6.43	7.15	3,340
	September 25	6.42	7.46	3,310
	December 25	6.39	7.3	2790
MW2	March 25	5.18	7.06	585
	~July 25	3.59	7.00	599
	September 25	3.58	7.46	474
	December 25	4.04	24.9	7.42
MW4	March 25	8.69	7.08	3,140
	~July 25	8.51	7.35	3,250
	September 25	8.46	7.43	3,210
	December 25	8.46	24.2	7.81
MW5	March 25	3.84	7.09	1,276
	~July 25	2.78	7.42	946
	September 25	2.43	7.53	1,873
	December 25	2.98	26.9	7.88
MW8*	March 25	12.77	Casing blocked	Casing blocked
	~July 25	12.41		
	September 25	12.16		
	December 25	8.59		

*Bore casing blocked historically. Investigations as to whether this bore is required for sampling purposes to be re-established are planned for the next financial year.

~Monitoring occurred 2nd and 3rd of July instead of June due to adverse weather conditions.

Surface Water

Water storage onsite is expected to be sufficient for at least the next 12 months. TCM undertook 1 controlled discharge events on the 5th of August 2025. 30ML total was discharged through Licensed Discharge Points at these times.

Tarrawonga recorded 722.8mm of rain in 2025.

Table 5: Annual rainfall

2024	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Monthly Rain (mm)	71.4	57.2	26	107	39.2	54.2	45.2	62.4	53.4	46	74	61.2	697.2
Cumulative (mm)	71.4	128.6	154.6	261.6	300.8	355	400.2	462.6	516	562	636	697.2	
2025	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Monthly Rain (mm)	50.2	36.4	181	101.2	64.8	21.2	73.8	77.0	39.8	38.4	57.8	41.2	722.8
Cumulative (mm)	50.2	86.6	267.6	308.8	373.6	394.8	468.6	545.6	585.4	623.8	681.6	722.8	

Rehabilitation and Clearing

Rehabilitation

The Annual Report will be submitted in February 2026, to close our rehabilitation commitments from 2025. This report will be made available on our website once complete and lodged with the NSW Resource Regulator.

The Forward Program will also be submitted at this time and our commitments for this calendar year (2026) and the two beyond will also be made available on our website. The completed rehabilitation at Tarrawonga was 53.1ha for the 2025 calendar year, made up of approximately 30.4Ha of Landform (completed by Dec 2025) and 22.7Ha of Ecosystem Establishment (completed by July 2025).

Trees on both the North and South rehab areas continue to successfully establish and grow in our historical rehabilitation areas. Ecologists attended site during November to assess the success of the rehabilitation. The resulting report assists in building a maintenance schedule on the rehabilitation areas for the coming years. TCM has also seen successful growth of the recently established ecosystem and establishment of tree plantings in previous rehab areas. Weed control work has also been undertaken to aid the success of TCM's rehabilitation areas.



Figure 3 South Rehab – Southern Rehab area after tree planting (Dec 2025).



Figure 4 New landform area with Northern Rehab Area after topsoil and stag trees behind (Dec 25)

Clearing

By the close of 2025, TCM had completed annual clearing during the Autumn clearing window. As per the Forward Program 12.9 ha was scheduled to be cleared, however only 8 ha was actually cleared during this time due to pit progression being reprogrammed. This was cleared and completed by the required date of 30th of April 2025.

Complaints

No complaints were received during this quarterly period. Three complaints received for 2025 in total.

#	Date of Complaint	Method	Category	Nature of Complaint	Tarrawonga response
1	7/3/2025	Complaints Line	Blasting	A complaint was received regarding a strong sulphur smell and loud noise following a blast at Tarrawonga Mine site.	The complainant was contacted and advised that the blast observed was within compliance approved monitoring limits and within required weather conditions for blasting at Tarrawonga.
2	7/3/2025	Complaints line	Blasting	A complaint was received regarding a loud noise following a blast at Tarrawonga Mine site that scared birds in the area.	The complainant was contacted and advised that the blast observed was within compliance approved monitoring limits for blasting at Tarrawonga.
3	21/3/2025	Complaints Line	Traffic	A complaint was received regarding a Tarrawonga mine worker who overtook the complainant in an unsafe manner whilst using a road not authorised for general mine related traffic.	The incident was investigated by Tarrawonga coal. All mine workers and contractors have been advised of the need to travel to and from work in a safe manner and only use approved roads whilst travelling to or from the mine site.

Environmental Management Plans

TAR Management Plans

The Tarrawonga Offset Management Plan 2025 (OMP) was submitted to the DPHI last in Q1 and approved in early July 2025. This report has been made available on the public website.

All Management Plans have been reviewed in the reporting period as a trigger from the submission of the Annual Review. The Blast Management Plan was submitted to the DPHI in June 2025 and was approved during December 2025. The Rehabilitation Management Plan (RMP) has also been updated during October 2025 and is publicly available on the Tarrawonga website.

BTM Strategies

The BTM Air Quality Management Strategy was lodged with NSW DPHI in November 2025 and is awaiting departmental review and or approval.

Annual and Compliance Reporting

Annual Review and Annual Return Reports

The Annual Return was submitted in February and March consecutively. The Annual Review 2025 has been approved during the 2025 and is available to view on the Tarrawonga public website.

Tyre Disposal

TCM disposed of 129 HV tyres in November 2025. These were disposed of in the TN Pit as per approval conditions, and will be reported in the Annual Return for the EPA in March 2026.

Annual Compliance EPBC statement

The Annual Compliance EPBC statement was submitted to DAWE in June 2025.

Annual National Pollutant Inventory (NPI) and Greenhouse Gas Emission (NGERs) Reports

TCM has submitted information for the NPI and NGERs reports in September 2025, this report is under review.

Audits - Compliance

Tarrawonga underwent their Independent Environmental Audit and Independent Biodiversity Audit, in June of 2023. These audits are required by the Project Approval PA11_0047, and EPBC Act respectively.

The next audit will be conducted on a three-year cycle, expected in June of 2026.

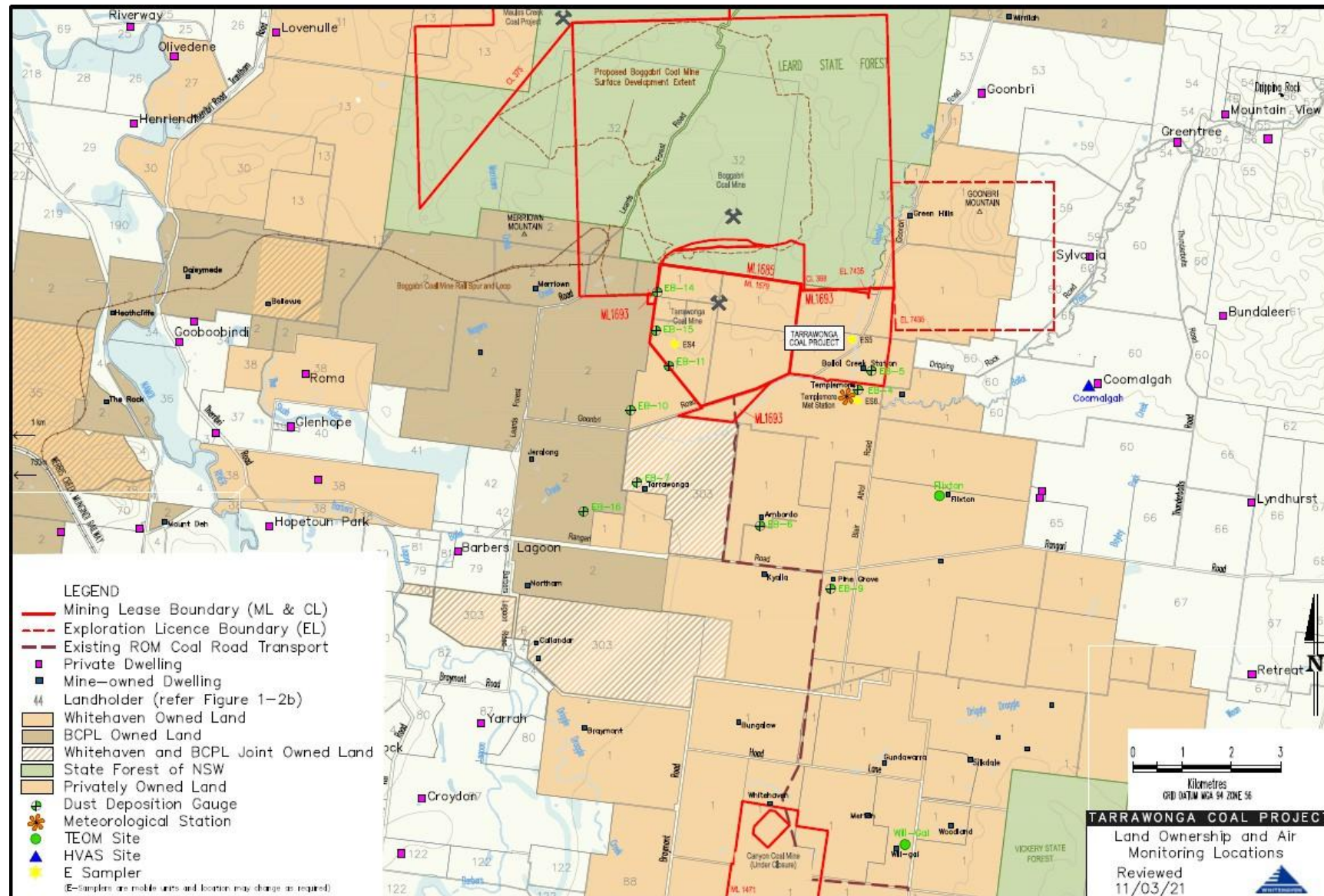
Approvals and Licencing

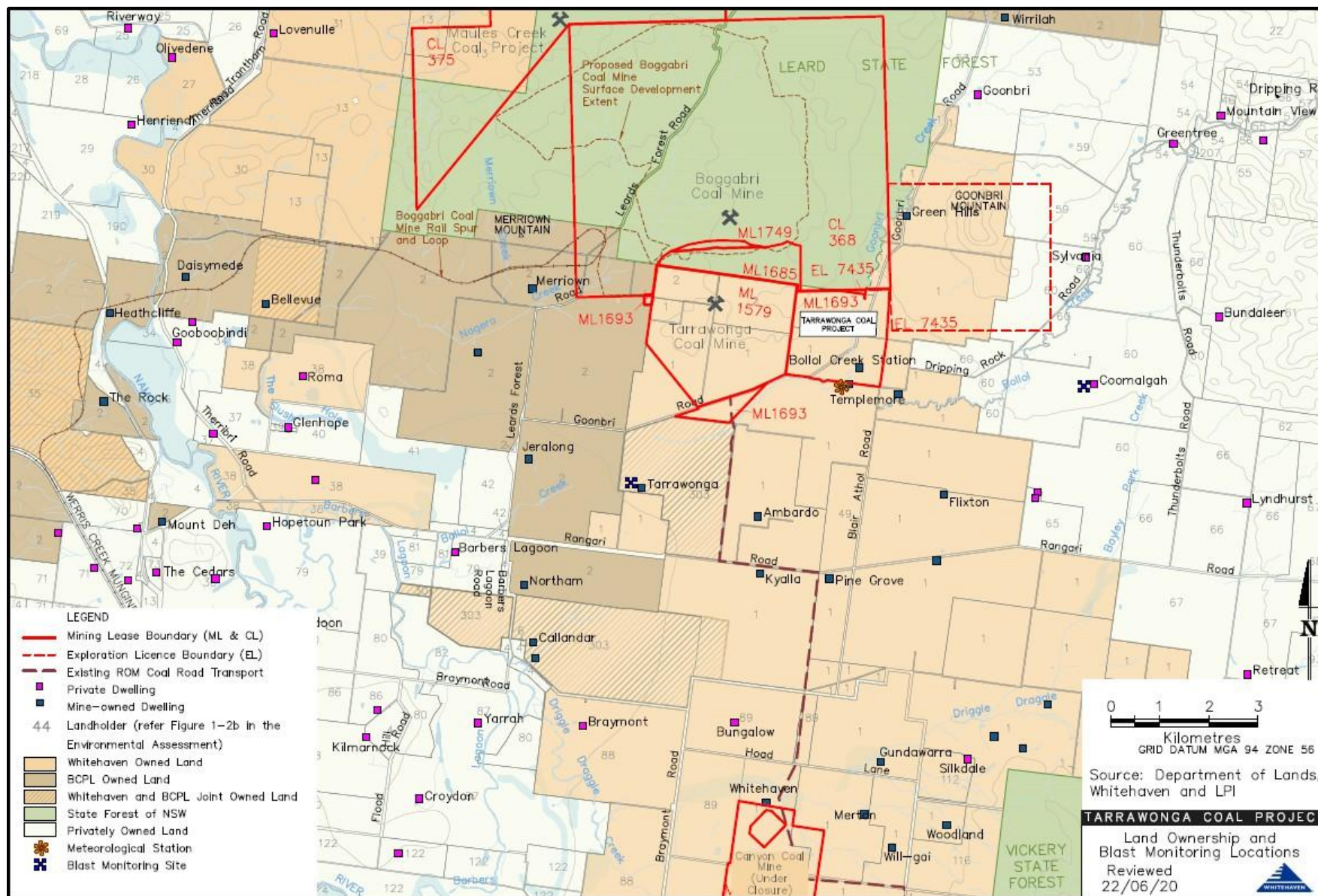
An interim approval for 2025 has been acquired for Tarrawonga. Tarrawonga's MP11_0047 Modification 11 was approved on the 8th of October 2025. This modification is in relation to approved coal haulage tonnage. Coal haulage has increased by 0.3Mtpa of ROM coal from Tarrawonga and Vickery to a cumulative 3.8Mtpa, for the duration of the 2025 calendar year. Total GOC haulage for the 2025 calendar year totaled 3.76Mt with approximately 1.64Mt of this total hauled from Tarrawonga.

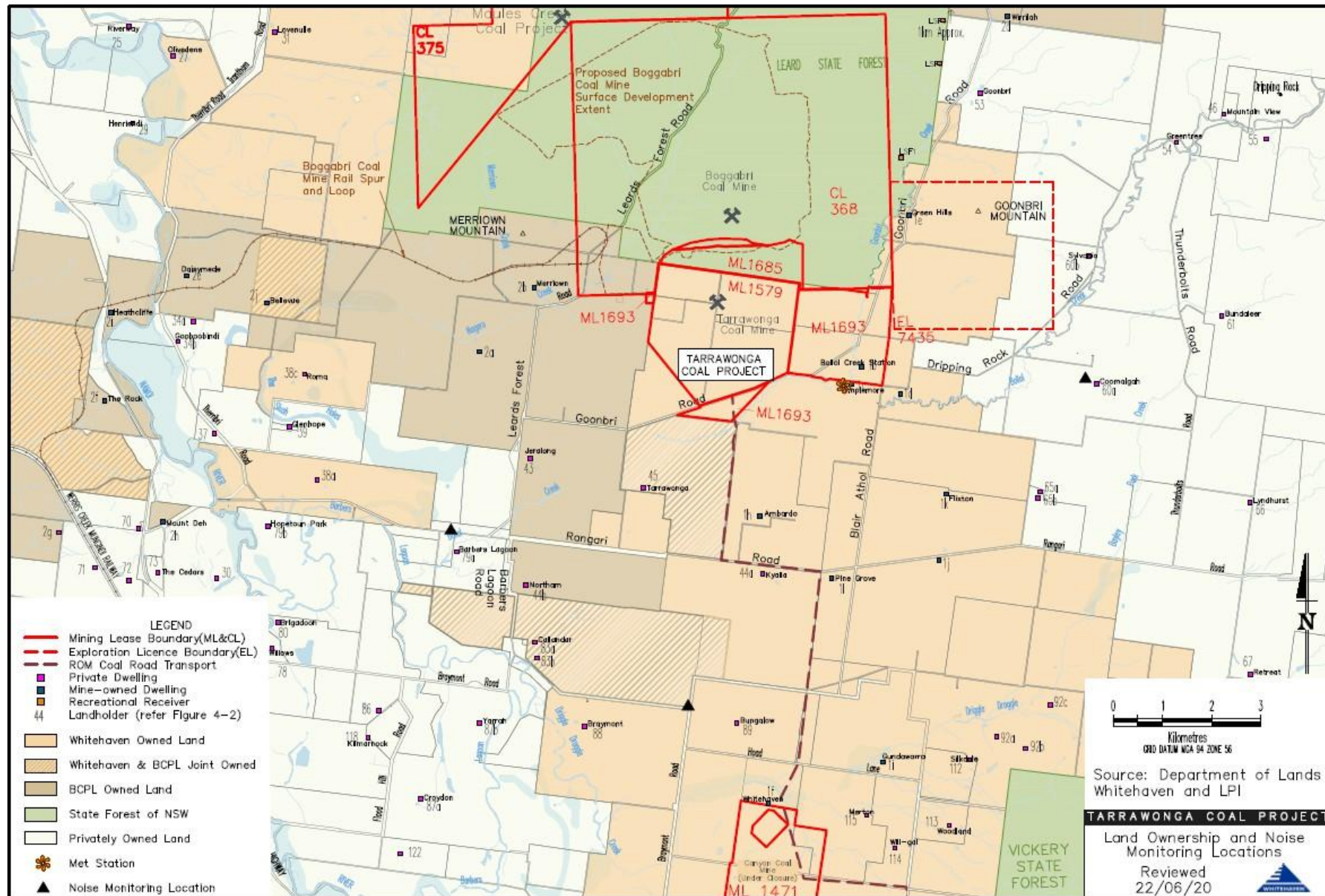
Coal haulage will return to 3.5Mtpa for the 2026 calendar year as per the Project Approval.

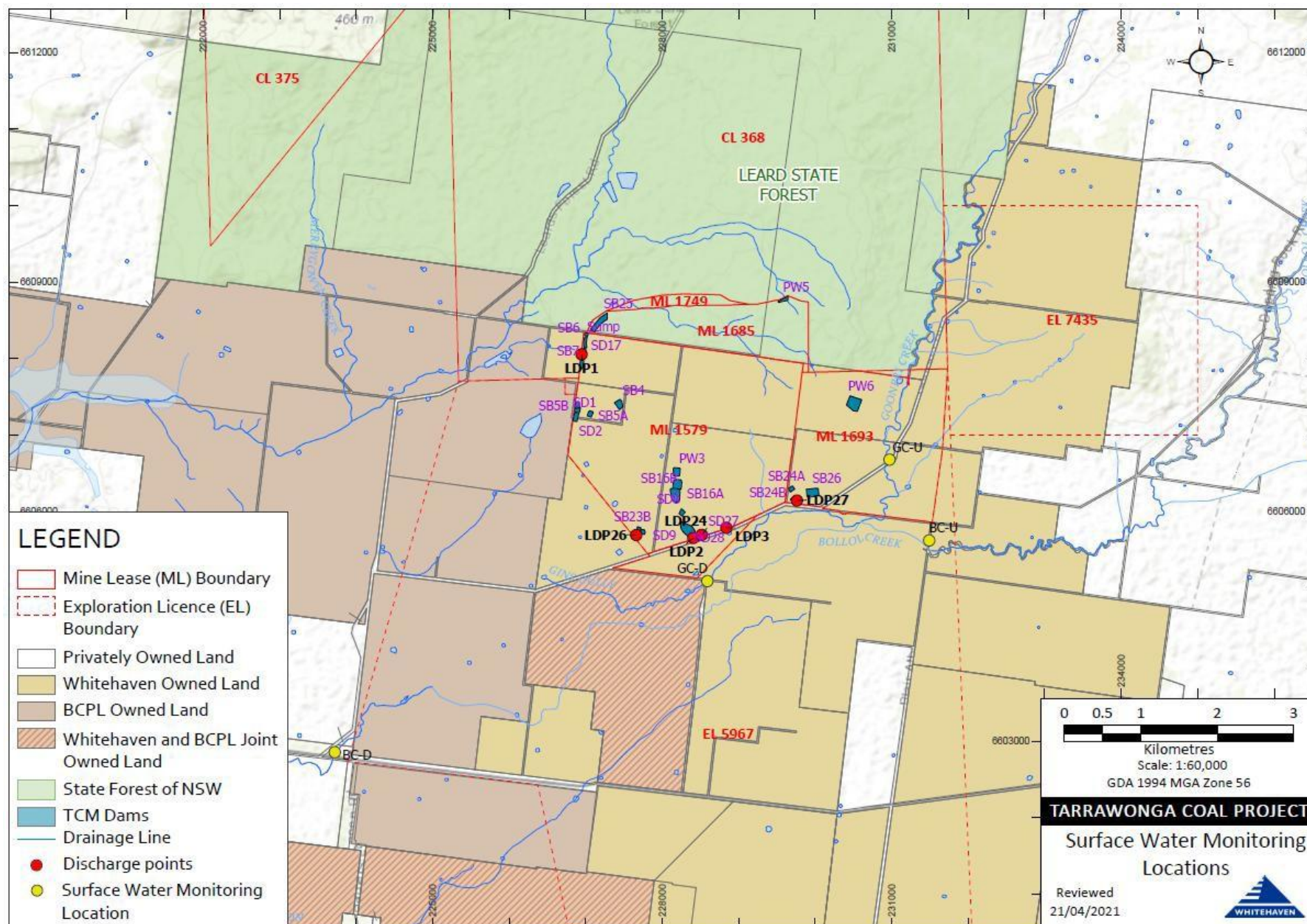
A modification is planned for 2026 to increase road haulage across the GOC operations.

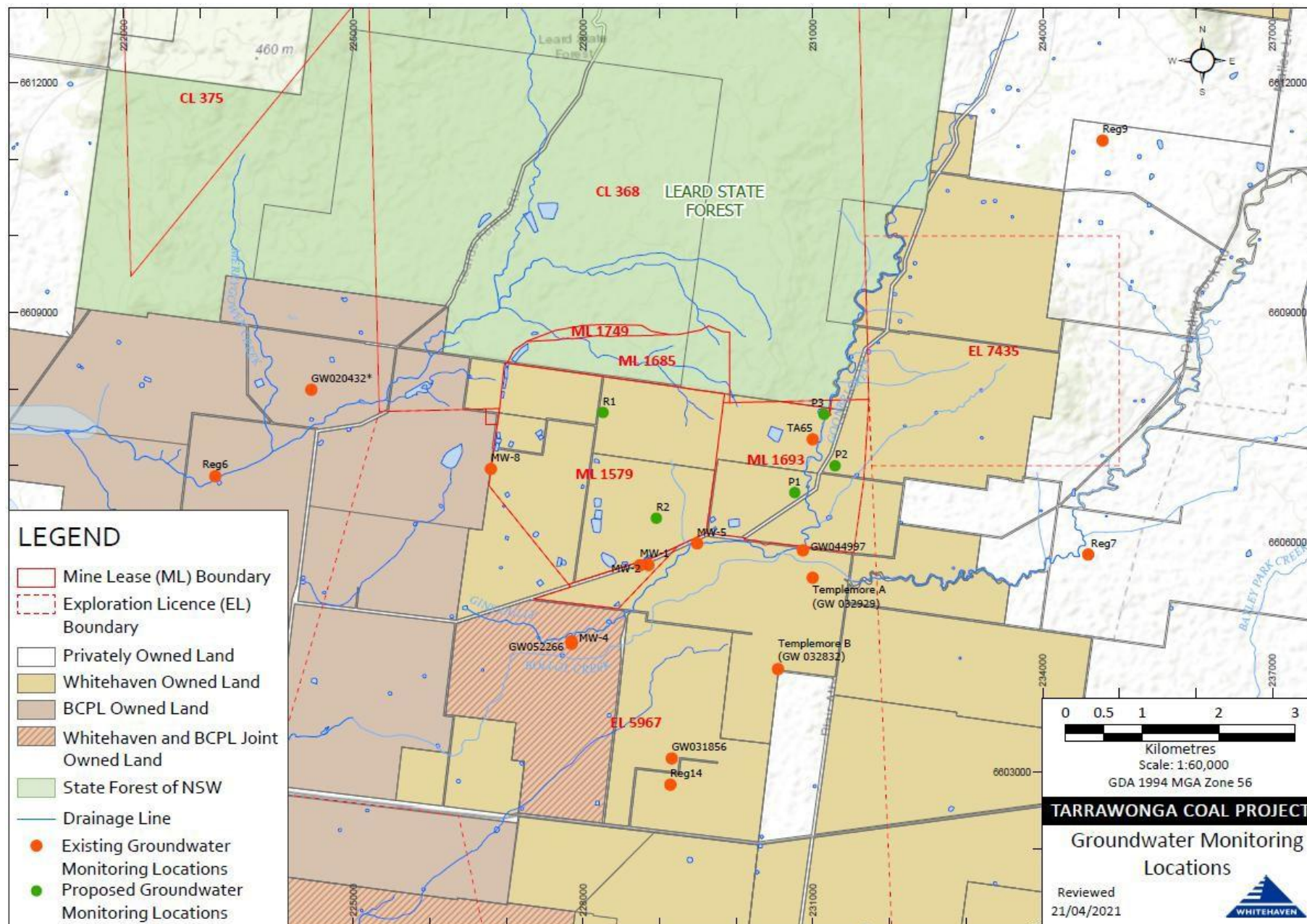
Appendix A





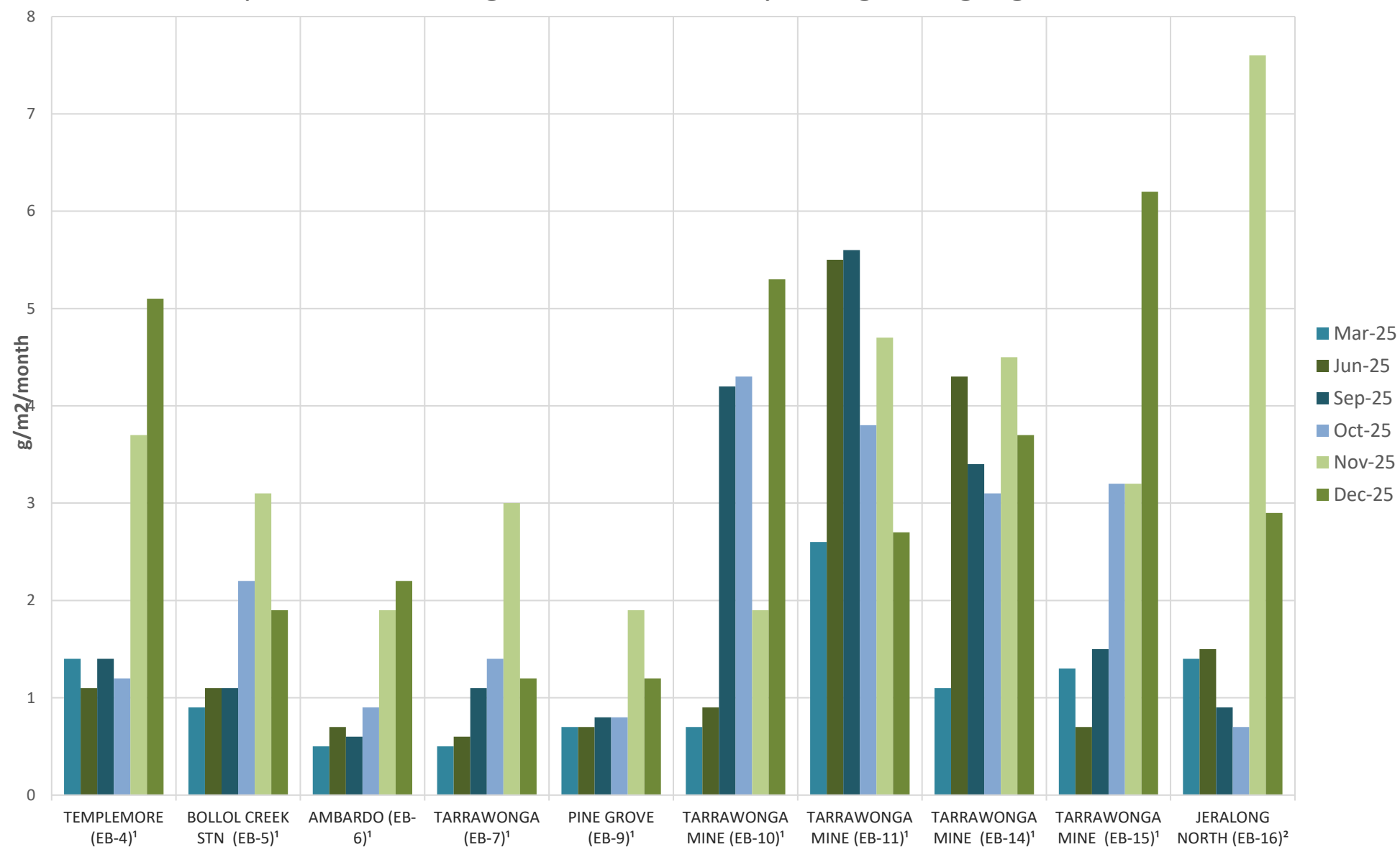




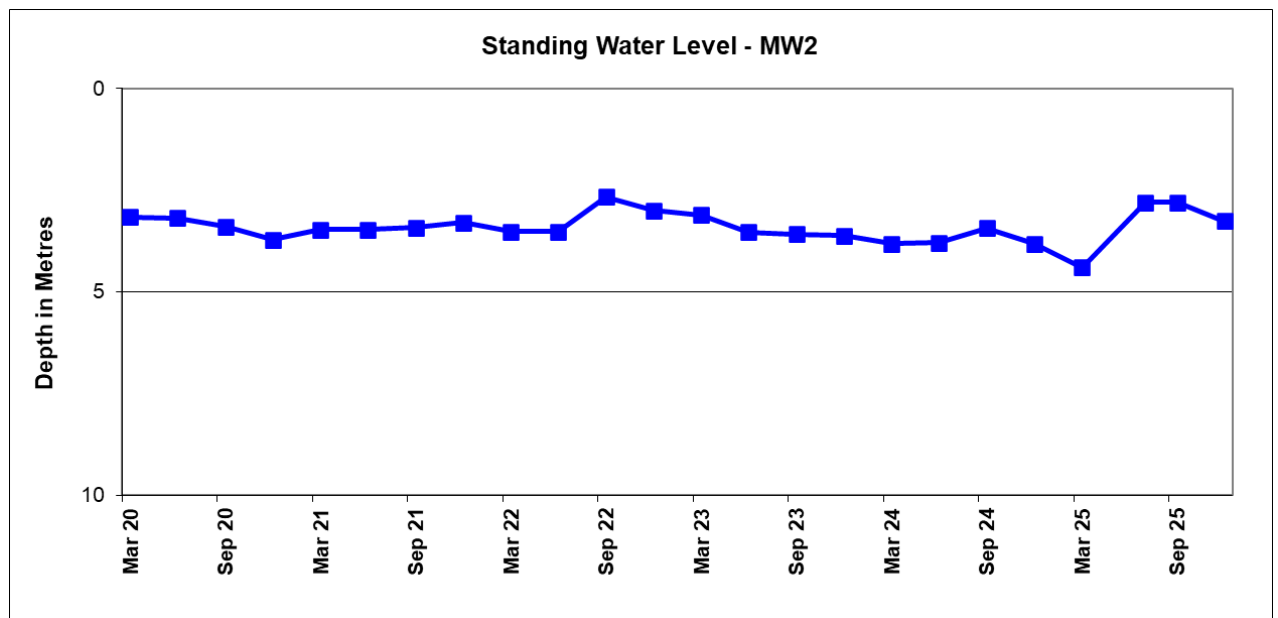
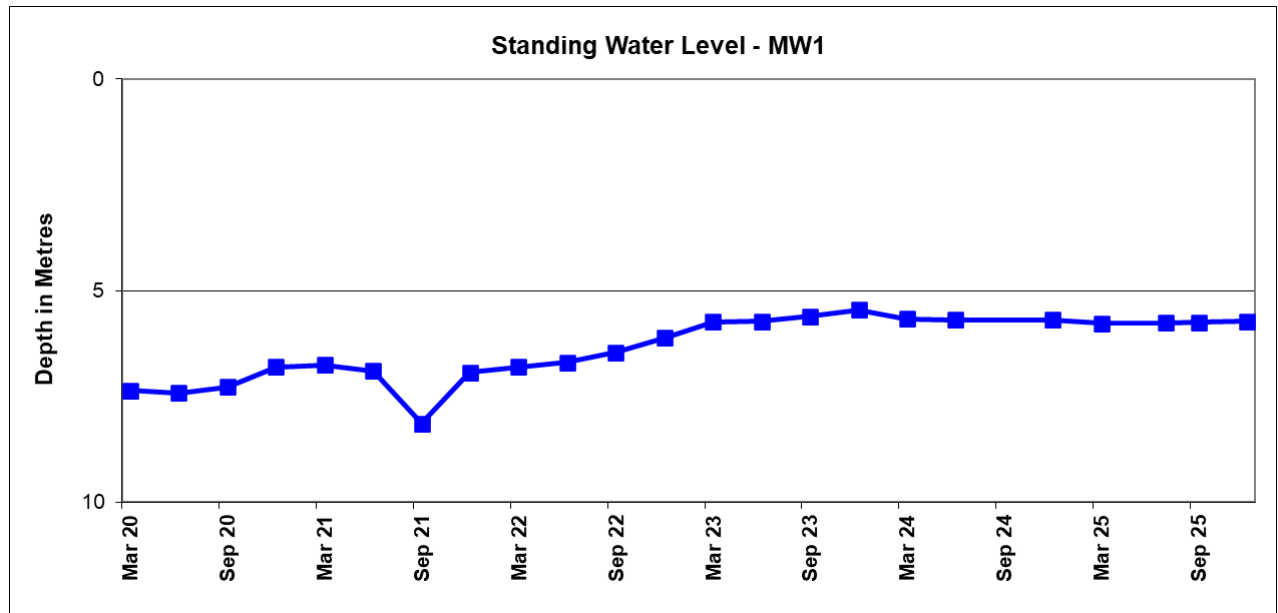


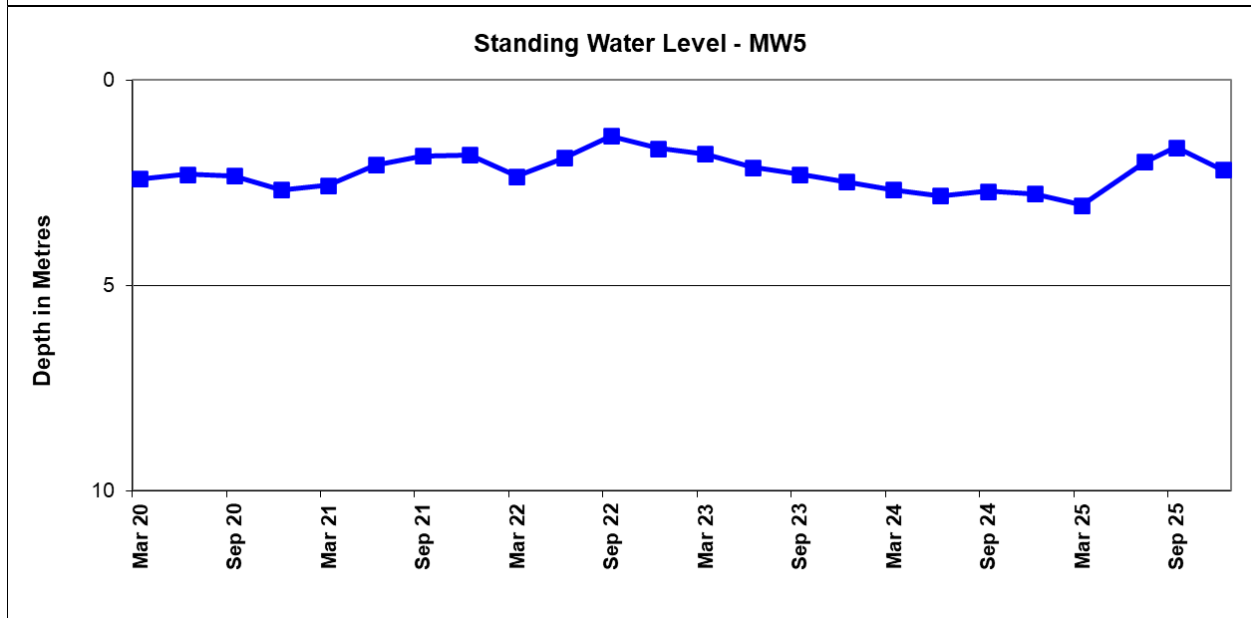
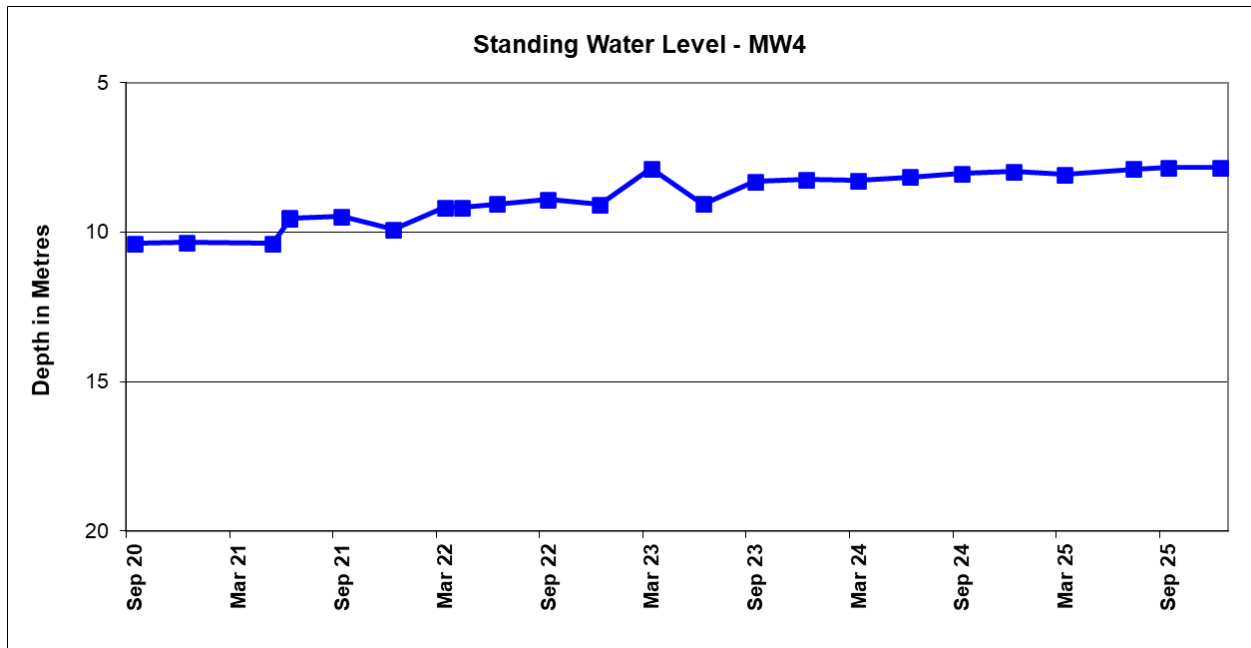
Appendix B

Deposited Dust Gauge Results- Quarterly rolling average [g/m²/month]



Appendix C





GOC Proposed 4.1 Mtpa Haulage Modification

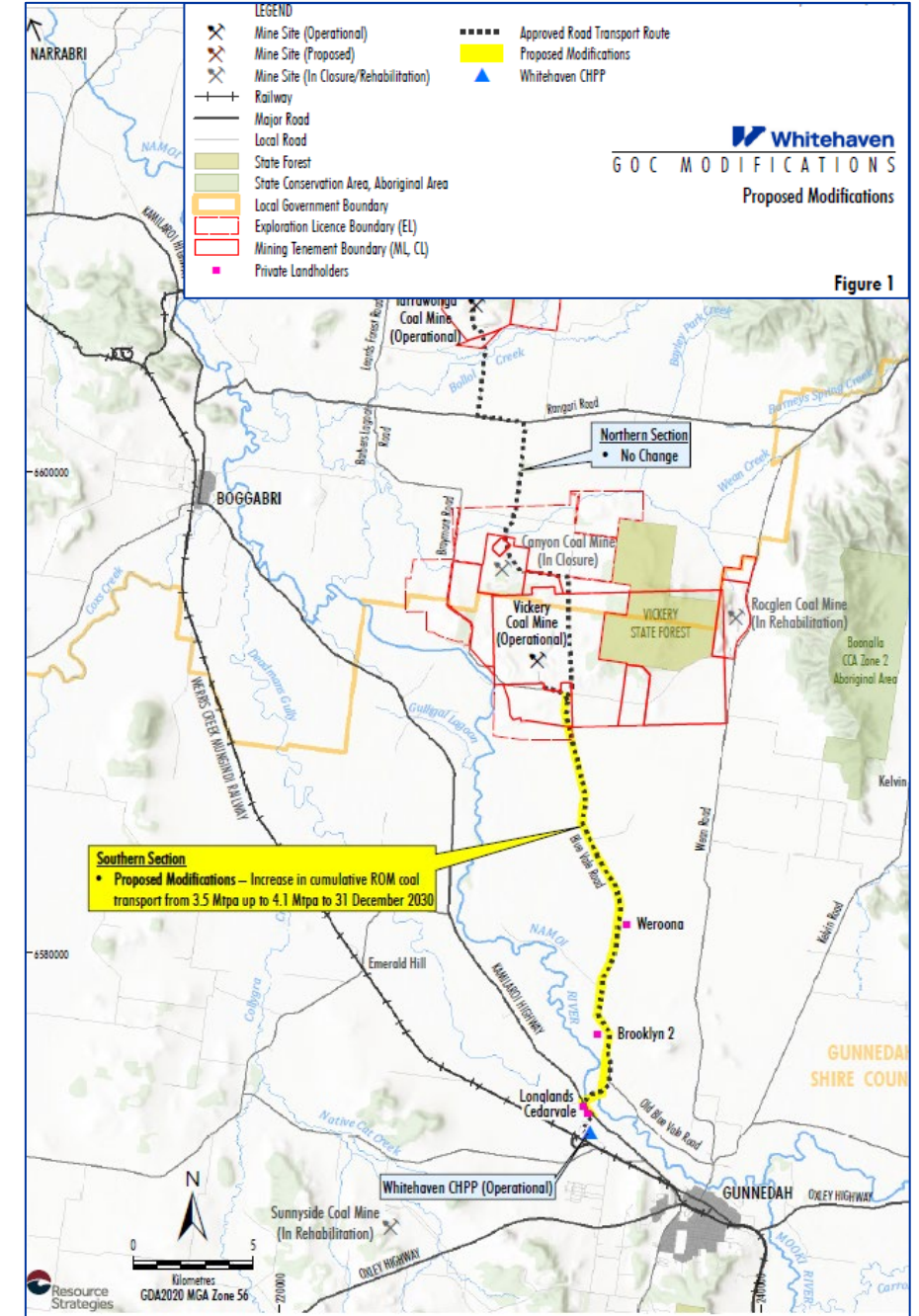
CCC Meeting Q1 2026

Project Description

- A temporary increase to haul 3.8 Mtpa was approved in quarter 4 of 2025 calendar year. Whitehaven has identified an opportunity to increase the cumulative ROM coal road haulage limit along the southern section of the Approved ROM Coal Transport Route from 3.5 Mtpa to 4.1 Mtpa for calendar years 2026 to 2030.
- The proposed ROM coal road haulage limit would align with the maximum approved ROM coal processing limit of 4.1 Mtpa at the Whitehaven CHPP (DA 0079-2002 [as modified]). Additionally, the Modifications would be aligned with the consented life for Tarrawonga Coal Mine and Whitehaven CHPP (i.e. 31 December 2030).
- Modification sought via section 4.55(2) of the EP&A Act.

The Modifications would not change the following components of GOC operations:

- Daily and hourly ROM road haulage trips on the Approved ROM Coal Transport Route.
- Mining operations at the approved GOC operations.
- Surface disturbance at the approved GOC operations or Whitehaven CHPP (e.g. to facilitate transport or stockpiling of ROM coal, product coal or coal rejects).
- Mine life(s), employment numbers, mining activities or other surface activities associated with the approved GOC operations or Whitehaven CHPP.
- Approved haulage hours.
- ROM coal transport route(s) from the GOC operations to the Whitehaven CHPP or existing domestic customers.
- Coal reject transport route(s) from the Whitehaven CHPP to VCM or TCM for incorporation into the final landforms.



Environmental Assessment Updates

- Scoping Letter has been prepared and submitted to NSW Department Planning Housing and Infrastructure (DPHI).
- Modification includes Vickery Extension Project (SSD 7480) as Modification 3 and Tarrawonga Coal Mine (MP11_0047) as Modification 12.
- Consultation to occur with agencies and stakeholders.
- Whitehaven is now preparing a Modification Report, including specialist assessments, that will cover both sites which will be lodged via the DPHI portal and made available to the public at the below links:
 - <https://www.planningportal.nsw.gov.au/major-projects/projects/mod-3-coal-haulage-modification>
 - <https://www.planningportal.nsw.gov.au/major-projects/projects/tarrawonga-coal-mine-mod-12>



7 January 2026

Department of Planning, Housing and Infrastructure
Attention: Stephen O'Donoghue, Director Resource Assessments
4 Parramatta Square
12 Darcy Street
Parramatta NSW 2150

Via email: stephen.odonoghue@planning.nsw.gov.au

Dear Mr O'Donoghue,

RE: **GUNNEDAH OPEN CUT OPERATIONS: VICKERY EXTENSION PROJECT (SSD 7480) AND TARRAWONGA COAL MINE (11_0047) – COAL HAULAGE MODIFICATIONS (MOD 3 & MOD 12) – SCOPING LETTER**

Introduction

Whitehaven Coal Limited (Whitehaven) owns the following open cut coal mining operations located in the Gunnedah Coalfield, New South Wales (NSW) (Figure 1):

- Tarrawonga Coal Project (referred to as the Tarrawonga Coal Mine [TCM]) (Project Approval [11_0047]) (as modified) – approved under Part 3A of the NSW *Environmental Planning and Assessment Act 1979* (EP&A Act) on 22 January 2013; and
- Vickery Extension Project (VEP) (Development Consent [SSD 7480]) (as modified) – approved under Part 4 of the EP&A Act on 12 August 2020.

On 8 October 2025, a delegate of the Minister for Planning and Public Spaces modified Project Approval 11_0047 and SSD 7480 to temporarily increase the maximum run-of-mine (ROM) coal road haulage limit from 3.5 million tonnes per annum (Mtpa) to 3.8 Mtpa during calendar year 2025. The maximum ROM coal road haulage limit in these approvals will revert to 3.5 Mtpa from end of financial year 2026, without the construction of the Kamilaroi Highway Overpass.

Whitehaven has identified an opportunity to utilise existing infrastructure and ROM coal haulage fleet at its Whitehaven coal handling and preparation plant (CHPP), TCM, and VEP to achieve a ROM coal production rate of up to 4.1 Mtpa for calendar years 2026-30 inclusive. The current ROM coal road haulage limits specified in the TCM and VEP approvals were originally introduced as part of the conditioning of the Vickery Coal Project and Tarrawonga Coal Project (and subsequent TCM Mod 1). Since these approvals, Whitehaven has adopted higher payload trucks meaning it is capable of hauling 4.1 Mtpa of ROM coal from TCM and VEP while maintaining daily and hourly trips below those previously assessed.

Whitehaven is seeking approval under section 4.55(2) of the EP&A Act to increase the cumulative ROM coal road haulage limit along the southern section of the Approved ROM Coal Transport Route from 3.5 Mtpa to 4.1 Mtpa for the calendar year period 2026 to 31 December 2030 without constructing the Kamilaroi Highway Overpass (Figure 1).

The proposed ROM coal road haulage limit would align with the maximum approved ROM coal processing limit of 4.1 Mtpa at the Whitehaven CHPP (DA 0079-2002 [as modified]). Additionally, the Modifications would be aligned with the consented life for TCM and Whitehaven CHPP (i.e. 31 December 2030).

The purpose of this Scoping Letter is to provide an overview of the Modifications, identify the matters that will require further assessment (including the proposed approach to assessment) and planned engagement that will be carried out during the preparation of the Modification Report. The Modification Report would be prepared in accordance with the State Significant Development Guidelines (DPHI, 2024a), in particular the *State significant development guidelines - preparing a modification report* (DPE, 2022c).

This Scoping Letter seeks confirmation from the Department of Planning, Housing and Infrastructure (DPHI) of the approval pathway, assessment scope and consultation requirements for the Modifications.

Strategic Context

Whitehaven commenced mining operations at the VEP under SSD 7480 in October 2023. Since then, existing Whitehaven mobile mining fleet have been transferred from the TCM to the VEP to increase ROM coal production at the VEP. Since establishing the box cut at the VEP, the production rate has continued to increase as ROM coal can be accessed at a lower strip ratio than at the TCM. With the improved mining efficiency, the capacity of the mobile mining fleet is able to support a cumulative ROM coal production from the VEP and TCM of 4.1 Mtpa in 2026.

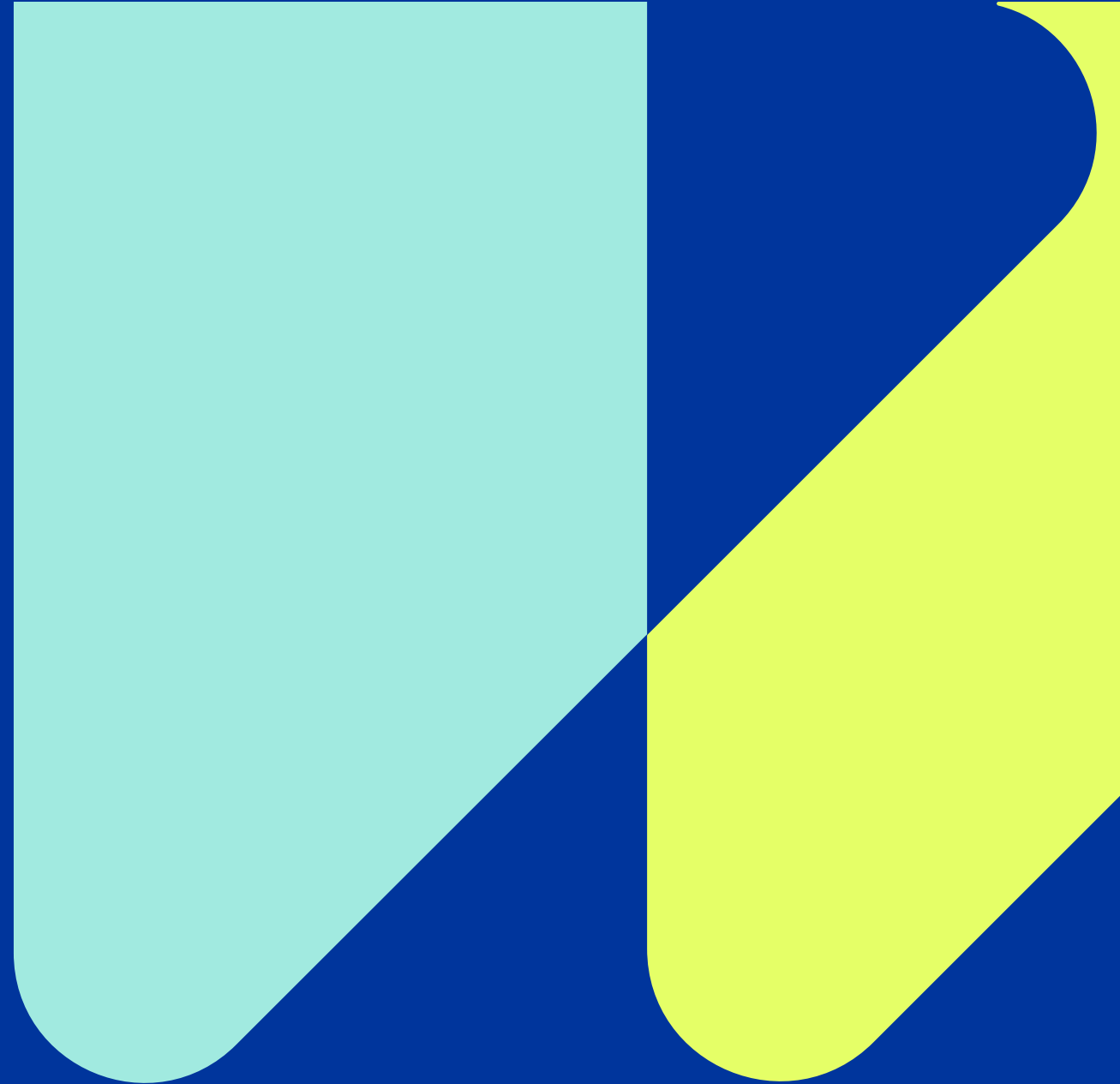
Whitehaven Coal Limited ABN 66 124 425 396
231 Conadilly Street, Gunnedah NSW 2380

P 02 6741 9300
PO Box 600, Gunnedah, NSW 2380

info@whitehavencoal.com.au
whitehavencoal.com.au

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Thank you

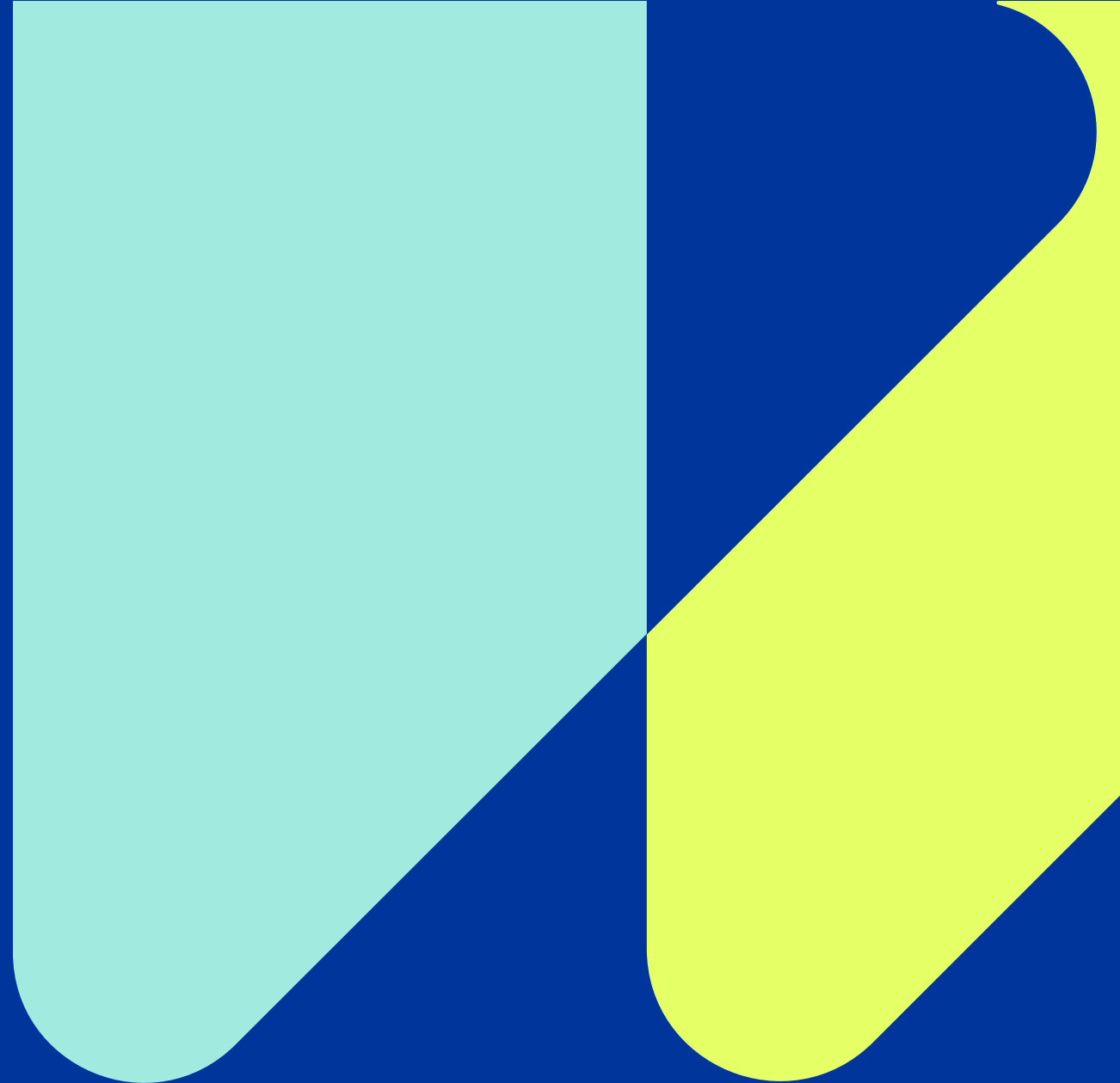


OPERATION OVERVIEW

Q4 – CY25

Oct – Dec 2025

Tarrawonga Coal Mine



CONTENTS

1. PREVIOUS MEETING ACTIONS	03
2. SAFETY PERFORMANCE	04
3. MONITORING	05
4. COMPLIANCE	06
5. REHABILITATION	07
6. ENVIRONMENT	08
7. COMING UP	09

PREVIOUS MEETING ACTIONS

None



CURRENT SAFETY PERFORMANCE

SAFETY RECORD

TRIFR <i>12-month rolling</i>	2.1
LTI Free Days <i>13/11/2022 Fitter broke left leg being hit by moving object</i>	1191
RWDI Free Days <i>20/06/2023 CMW twisted ankle</i>	973
MTI Free Days <i>22/12/2025: Operator has slipped and hurt his shoulder when inspecting dozer work area</i>	57
Safehaven Rule Breach Free Days <i>Hazard: 17/11/2025 – While dozer 902 was moving a large rock off the Boggy Bypass RDT 689 passed within 20m without making pos coms</i>	92

Safety is Everyone's Responsibility



MONITORING

Q4 CY25 SUMMARY

- **Noise**
 - No exceedances in Q4 Attended Noise Monitoring
- **Blasting**
 - All blasts this quarter were within blasting criteria.
 - 1396 blasts up until 30th of December since TCM operations began. 11 of which were within the reporting period.
- **Air**
 - Dust deposition remained steady during the reporting period
 - Operational monitoring systems had no exceedances
 - HVAS Dust Exceedance (October 2025). Not attributed to Mining Operations.
- **Water**
 - TCM recorded 137.4 mm of rain during Q4, 722.8 mm rain in total for CY2025.
 - No offsite discharge of surface water occurred during the reporting period.

For a detailed description of the monitoring results please see the monitoring report provided.



COMPLIANCE

Q4 CY25 SUMMARY

- During this quarter the following updates occurred:
 - Tarrawonga Blast Management Plan 2025 (BMP) approved
 - Rehab Management Plan review and update to conform to updated Resource Regulator Form and Way Template.

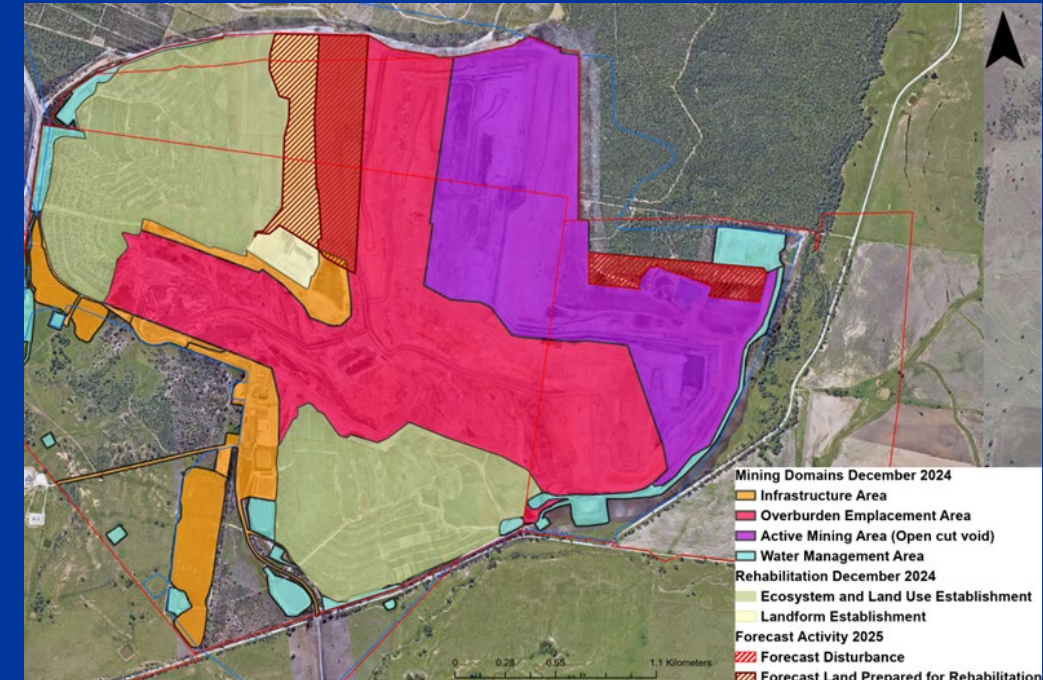


REHABILITATION

Q4 CY25 SUMMARY

During Q3:

- TCM completed work on the 2025 landform area, with target of 30.4 ha achieved by the end of CY2025
- Continued growth and monitoring of recent tree plantings
- Our 2025 ecosystem establishment area has grown a successful pioneering groundcover with native species germinating below the cover crop.
- Weed control works have been undertaken on rehab areas and stockpiles.
- All ecosystem establishment was completed by June 30 2025.



red indicates polygon that is to achieve ecosystem establishment by the close of December 2026

TCM completed required ecosystem establishment target of 22.7 ha (actual complete 23.9 ha) and Landform area of 30.5Ha

ENVIRONMENT

Q4 CY25 SUMMARY

3 complaints in total for CY25

- No complaints this quarter



TARRAWONGA – COMING UP

Q4 CY25 SUMMARY

- In Q1 2026:
 - TCM will continue to move subsoil and topsoil from the storage/clearing area into the 2026 Rehab areas.
 - This topsoil will be spread over the 2025 landform area that will be Seeded during Autumn / Winter 2026.
 - Required maintenance works will continue to be undertaken.
 - Monitoring will continue as per normal.
 - A small clearing campaign will be undertaken during Q1 for approx. 5.0Ha to support the relocation of in pit Crib Hut amenities and Go Lines to the Eastern extents of the Tarrawonga Open Cut.
- Annual Reporting will occur during Q1- 2026
 - 2025 / 2026 Annual Return (EPL12365)
 - 2026 - 2028 Forward Plan (Site Rehabilitation Planning)
 - 2025 Annual Review



Thank you

