

Maules Creek Coal Mine Community Consultative Committee Meeting #53

Environmental Monitoring Report For the Q1 period, January – March 2026

Attended Noise Monitoring

Maules Creek Coal (MCC) engaged an independent acoustic consultant to conduct LAeq (15minutes) and LA1 (1 minute) attended noise monitoring at six monitoring locations on site.

A. NOISE GENERATED BY MCCM AGAINST OPERATIONAL DAY & NIGHT NOISE CRITERIA; January - March 2026.

The results show that MCCM is within EPL 20221 compliance limits, that operations did not exceed the applicable; LAeq (15minute) 35dB Criteria, LA1 (1Minute) 45dB Criteria and the EPA's Noise Policy for Industry compliance guidelines.

Table 1 – January Noise Monitoring

Location	Start date and time	Wind		Stability class	Very enhancing? ¹	Limits, dB ¹		Site levels, dB ^{2,3}		Exceedances, dB	
		Speed m/s	Direction ⁴			L _{Aeq,15minute}	L _{A1,1minute}	L _{Aeq,15minute} ⁵	L _{A1,1minute} ⁵	L _{Aeq,15minute}	L _{A1,1minute}
NM1	20/01/2026 22:30	3.8	120	D	Yes	40	50	IA	IA	Nil	Nil
NM2	20/01/2026 23:30	3.4	92	D	Yes	44	50	<20	<25	Nil	Nil
NM3	20/01/2026 23:18	2.7	93	D	No	35	45	25	28	Nil	Nil
NM4	20/01/2026 23:00	3.5	104	D	Yes	40	50	<20	<20	Nil	Nil
NM5	20/01/2026 22:00	6.1	137	D	Yes	40	50	IA	IA	Nil	Nil
NM6	20/01/2026 23:58	3.2	94	D	Yes	40	50	<20	<20	Nil	Nil

Table 2 – February Noise Monitoring

Location	Start date and time	Wind		Stability class	Very enhancing? ¹	Limits, dB ¹		Site levels, dB ^{2,3}		Exceedances, dB	
		Speed m/s	Direction ⁴			L _{Aeq,15minute}	L _{A1,1minute}	L _{Aeq,15minute} ⁵	L _{A1,1minute} ⁵	L _{Aeq,15minute}	L _{A1,1minute}
NM1	3/02/2026 22:30	2.0	161	F	No	35	45	IA	IA	Nil	Nil
NM2	3/02/2026 23:30	1.9	135	D	No	39	45	<20	<20	Nil	Nil
NM3	3/02/2026 23:20	2.0	140	E	No	35	45	IA	IA	Nil	Nil
NM4	3/02/2026 23:00	2.0	154	E	No	35	45	<20	<20	Nil	Nil
NM5	3/02/2026 22:00	1.2	97	F	No	35	45	IA	IA	Nil	Nil
NM6	3/02/2026 23:57	3.9	93	D	Yes	40	50	<20	<20	Nil	Nil

Table 3 – March Noise Monitoring

Location	Start date and time	Wind		Stability class	Very enhancing? ¹	Limits, dB ¹		Site levels, dB ^{2,3}		Exceedances, dB	
		Speed m/s	Direction ⁴			L _{Aeq,15minute}	L _{A1,1minute}	L _{Aeq,15minute} ⁵	L _{A1,1minute} ⁵	L _{Aeq,15minute}	L _{A1,1minute}
NM1	17/03/2026 22:30	0.4	65	F	No	35	45	<20	<25	Nil	Nil
NM2	17/03/2026 23:30	0.5	101	F	No	39	45	30	36	Nil	Nil
NM3	18/03/2026 00:25	0.7	146	F	No	35	45	<25	40	Nil	Nil
NM4	17/03/2026 23:00	0.4	189	F	No	35	45	<25	32	Nil	Nil
NM5	17/03/2026 22:00	0.6	198	F	No	35	45	<20	26	Nil	Nil
NM6	17/03/2026 23:57	0.6	228	F	No	35	45	<20	<25	Nil	Nil

Wind Direction during Attended Monitoring

Wind direction data is collected from the Maules Creek Coal Mine (MCCM) Automated Weather Station (AWS). Wind data for the duration of the attended monitoring assessment, recorded at the MCCM AWS is presented in the table below.

Table 4 - Prevailing Wind Direction

Monitoring Date	Prevailing Wind Direction
January	SE
February	SE
March	ESE

Blast Monitoring

There was 25 blasts at MCCM during Q1 2026. All blast monitoring results recorded within the reporting period have complied with applicable overpressure and ground vibration limits specified in the respective approvals.

Table 5 – Blast Results Summary

Parameter	Units	Frequency	Number	Average	Max	100% Limit	Exceedance (Yes / No)
Noise	dB	All	25	94.86	107.50	120	No
Vibration	mm/s		25	0.12	0.47	10	No

Air Quality

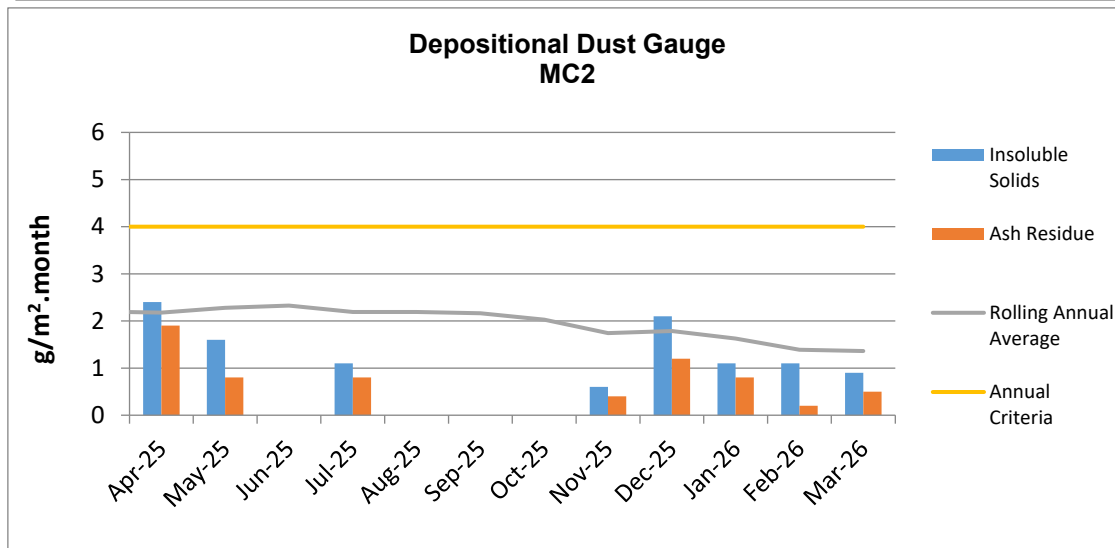
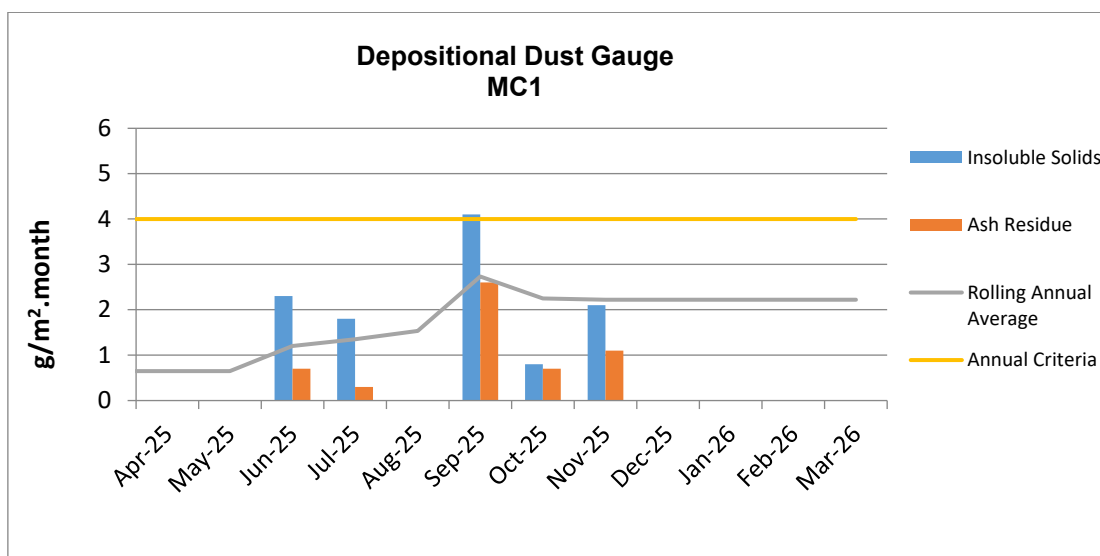
A. Total Depositional Dust

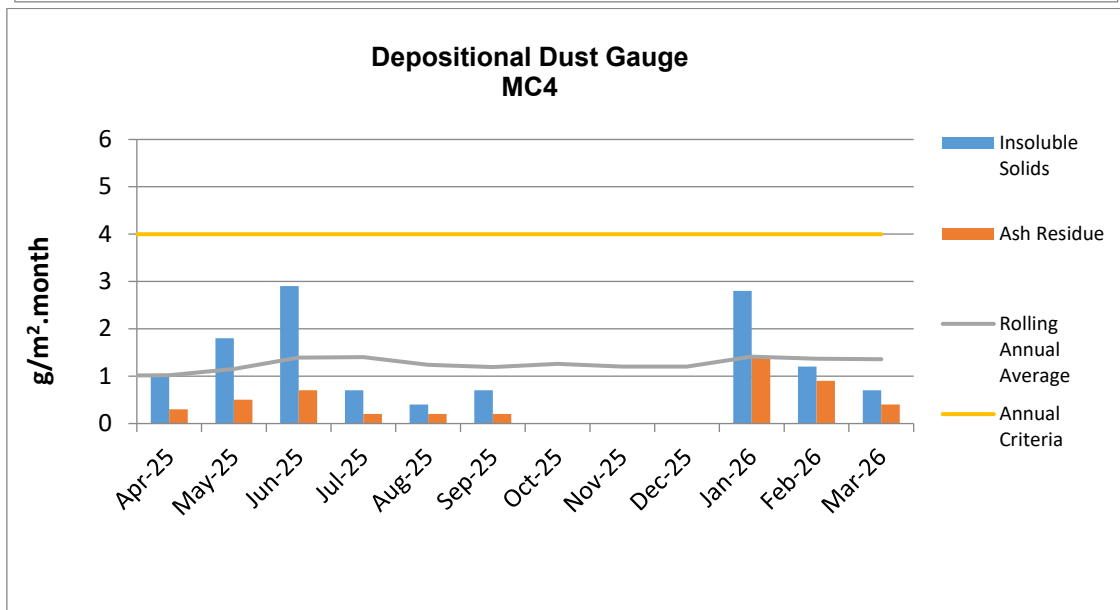
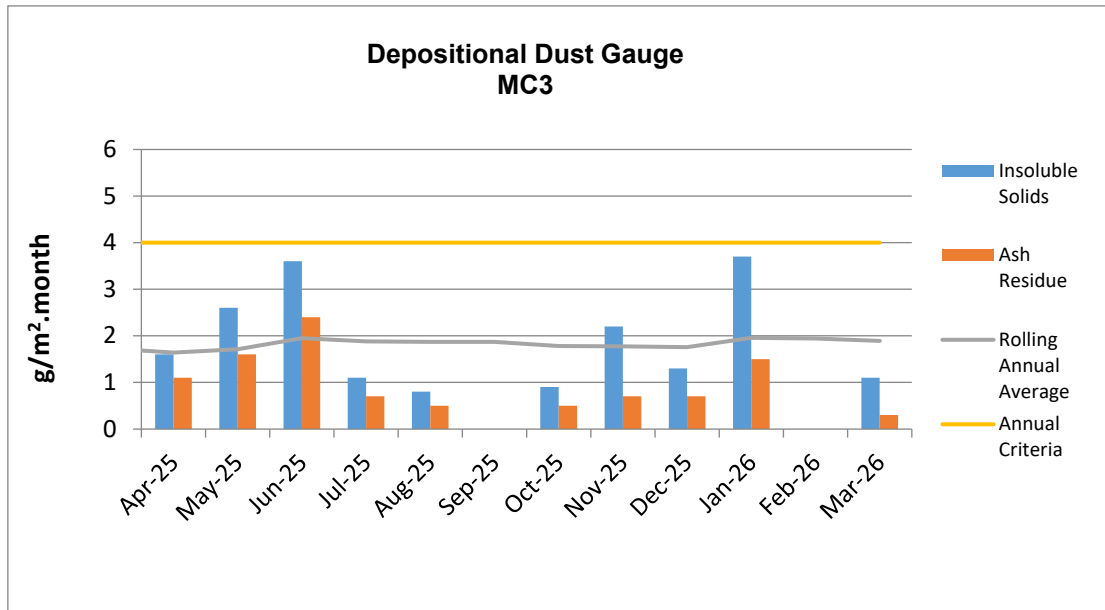
The 12 monthly rolling annual average remains below the relevant Project Approval (PA 10_0138) criteria of 4g/m²/month for the respective monitoring points.

Table 6 – Deposited Dust Gauge Results [g/m²/month]

MONTH	MC1	MC2	MC3	MC4
January	9.9c	1.1	3.7	2.8
February	10.4c	1.1	7.6c	1.2
March	4.8c	0.9	1.1	0.7
12 MONTH ROLLING AVERAGE	2.2	1.4	1.9	1.4

^c samples contaminated by bird dropping, decomposed insects or vegetable matter.



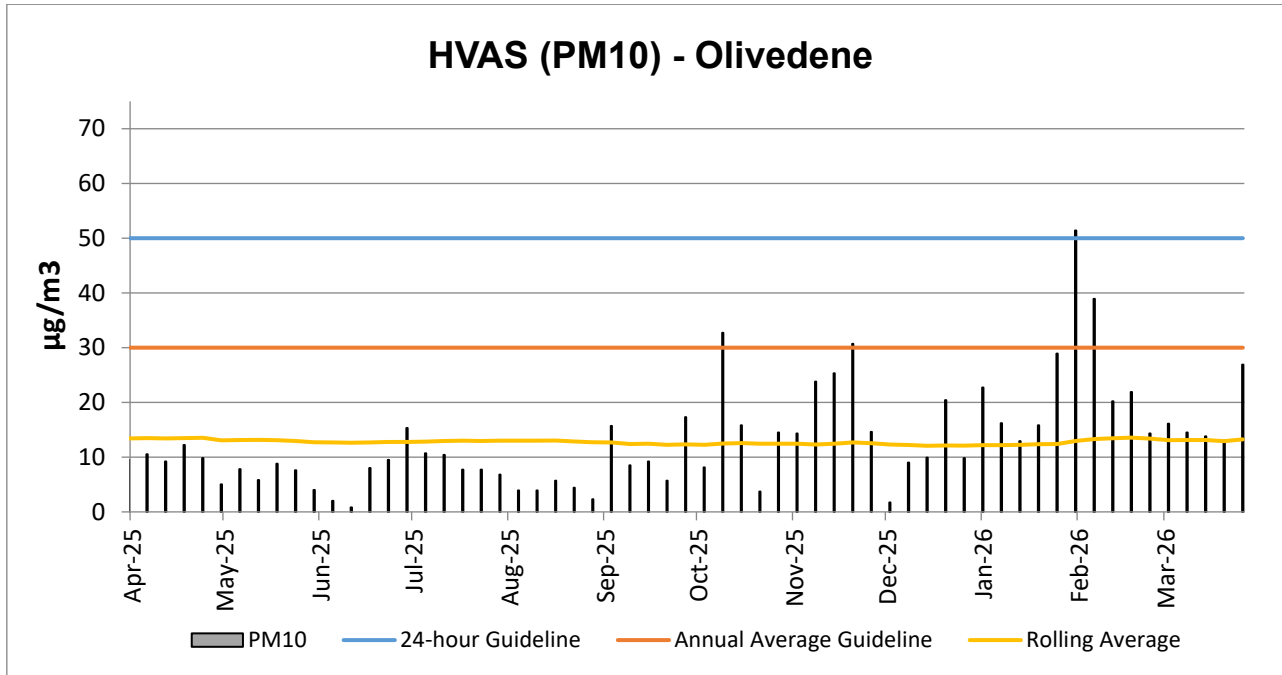


* Blank cells indicate sample periods where the sample has been contaminated and excluded from the results tables due to contaminated material (insect larvae, bird droppings, vegetation etc.).

B. High Volume Air Sampling (HVAS)

The HVAS monitor is located on the property 'Olivedene,' a mine owned property on Therribri Road.

HVAS PM₁₀ Rolling Annual Average as of the 31st of March 2026 was **13.2 µg/m³**, which is below the Annual Average Guideline of 30 µg/m³.



C. TEOM - PM10 Results

The annual rolling average for PM10 at the Maules Creek Coal Mine for TEOM1 was **10.0 µg/m³** and at TEOM3 was **11.4 µg/m³** these are both below the Project Approval annual average criteria of 30µg/m³ as shown in the following figure.

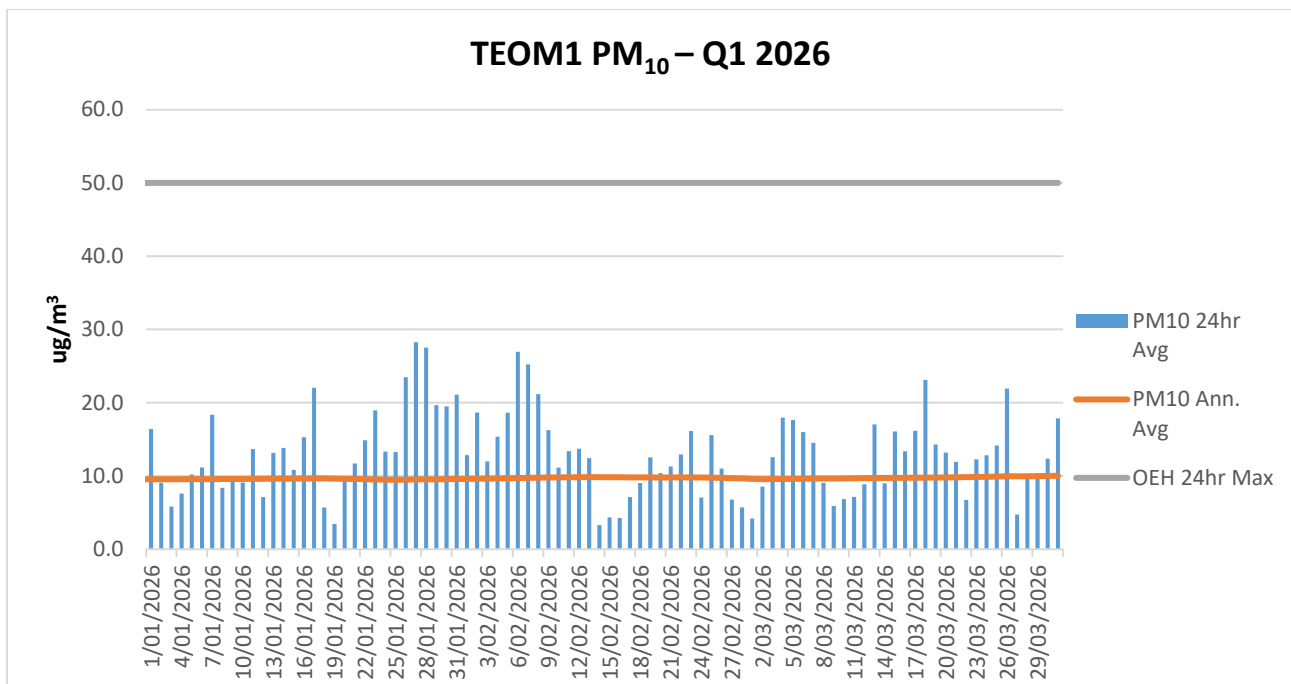


Figure 1 - TEOM Result – Particulate Matter PM₁₀µg/m³

* Blank columns indicate sample periods where there was either power outage, maintenance or other related causes.

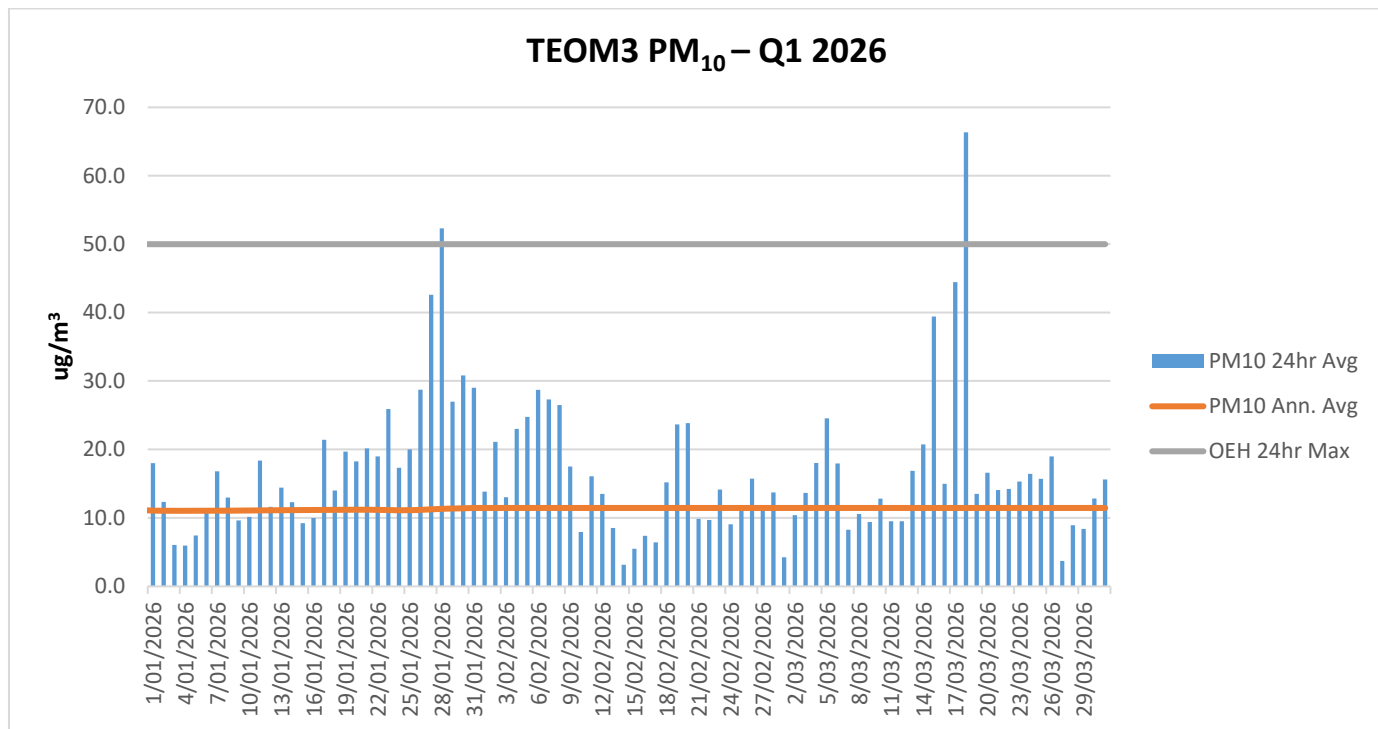
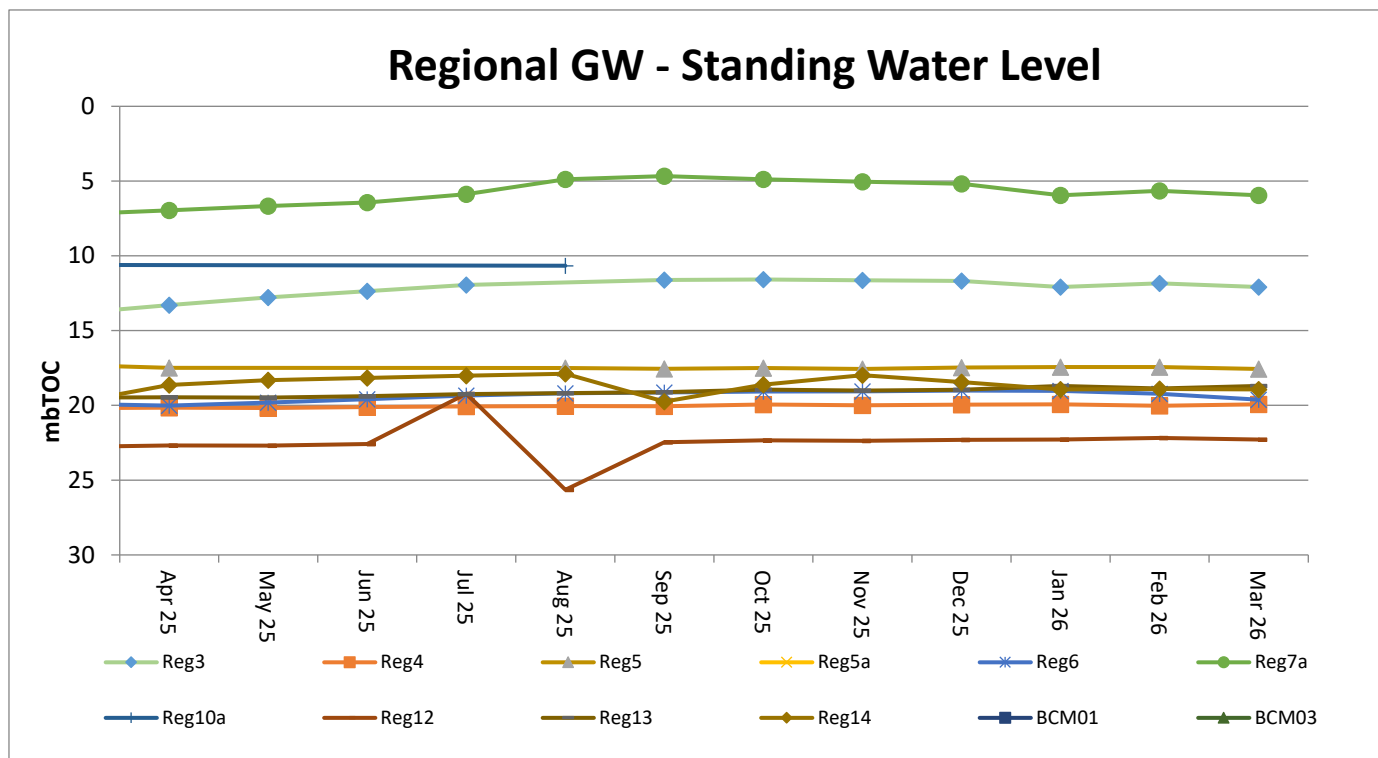


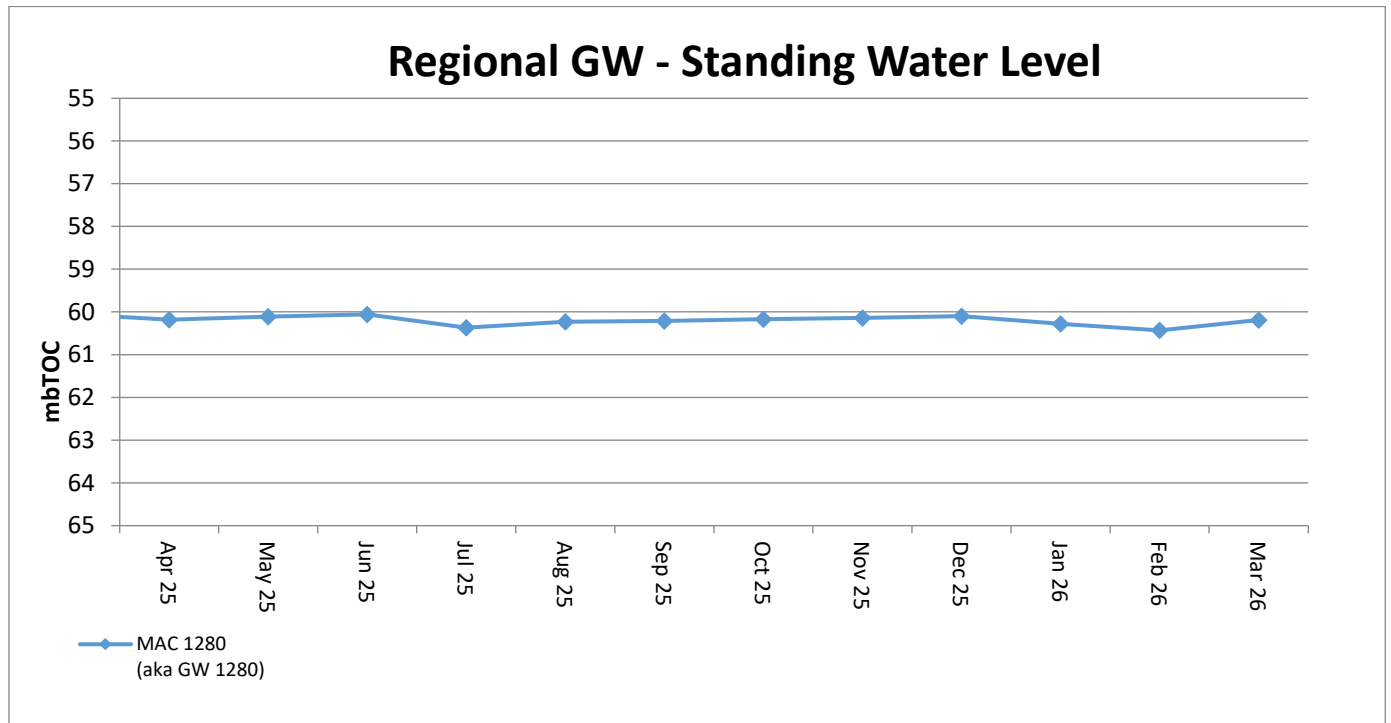
Figure 2 - TEOM Result – Particulate Matter PM₁₀ug/m³

* Blank columns indicate sample periods where there was either power outage, maintenance or other related causes. Water Monitoring

A. Groundwater

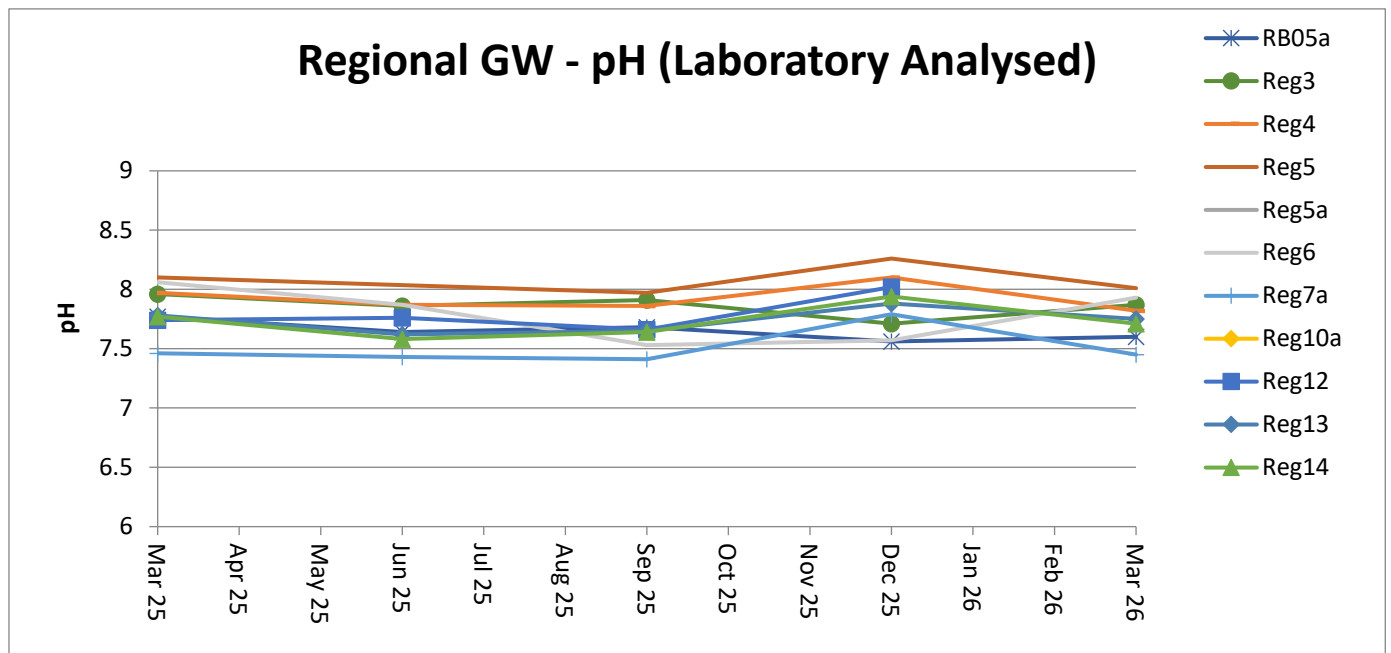
Groundwater monitoring results in open standpipe piezometers show levels to be relatively stable. The Regional bores were installed between Q4, 2013 and Q1, 2014. BCM01, BCM03, Reg10 are shallow bores which have remained dry since construction in 2013.





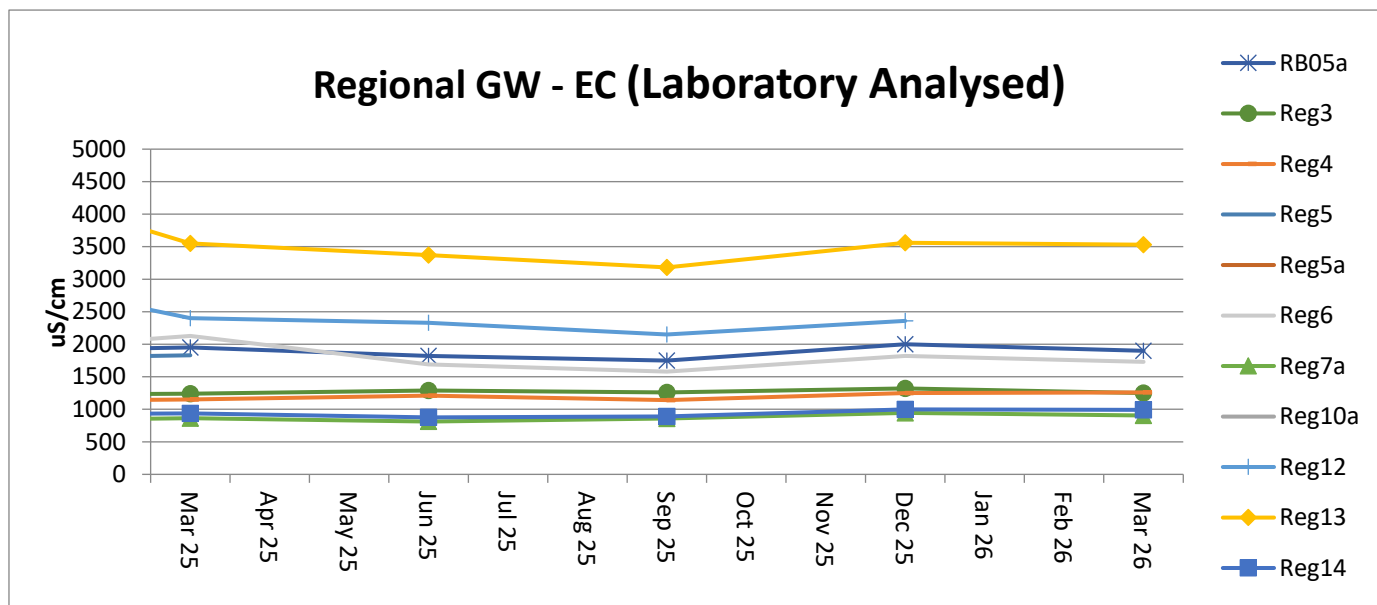
Acidity / Alkalinity (pH)

Over the past twelve months pH readings across the regional bores have remained static with very little fluctuation.



Electrical Conductivity

Laboratory Electrical Conductivity (EC) levels are all within historic groundwater EC range of 500 $\mu\text{s}/\text{cm}$ to 2,500 $\mu\text{s}/\text{cm}$, with the exception of monitoring bore Reg13 which has a historic groundwater EC range of 2,500 $\mu\text{s}/\text{cm}$ to 4,100 $\mu\text{s}/\text{cm}$.

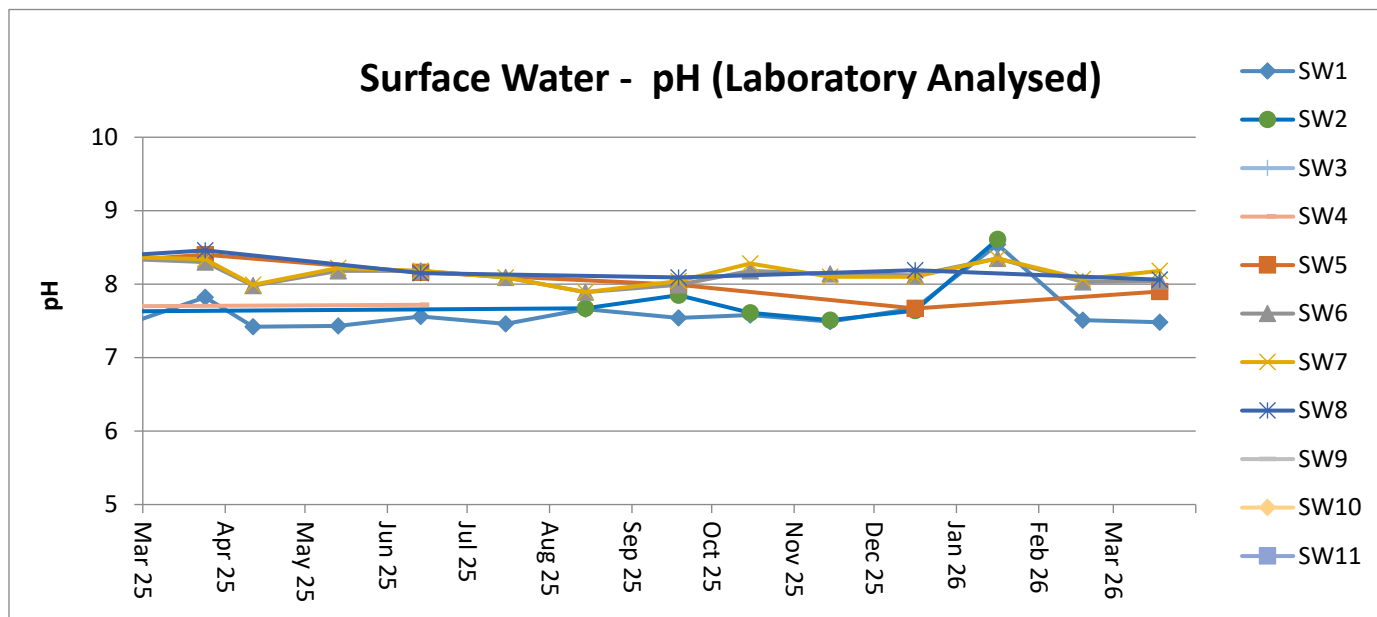


B. Surface Water – Creeks and Rivers

Routine surface water monitoring is conducted in surrounding creeks and rivers on a monthly basis. Results for parameters including pH, EC and Total Suspended Solids (TSS) are shown in the figures below.

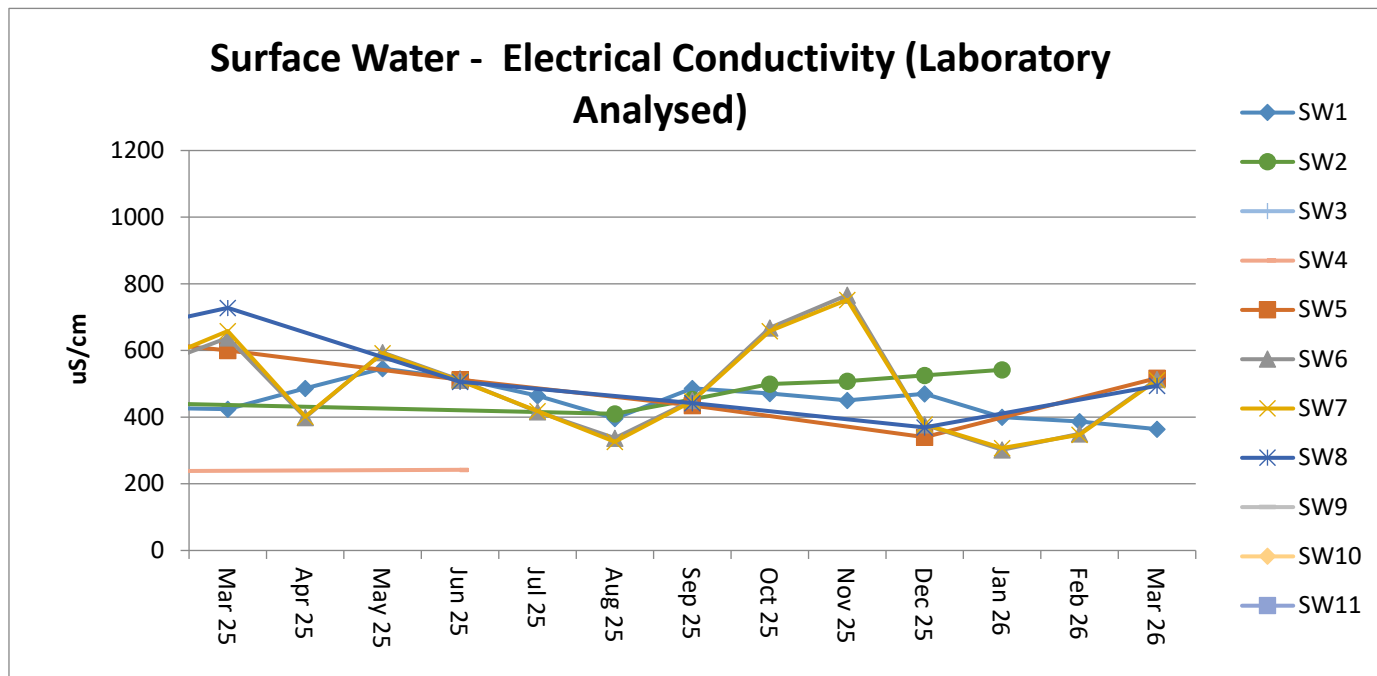
Acidity / Alkalinity (pH)

Monitoring results for pH in creeks and rivers surrounding MCCM are all trending within the ANZECC range for Irrigation, Ecosystem Health and Recreation.



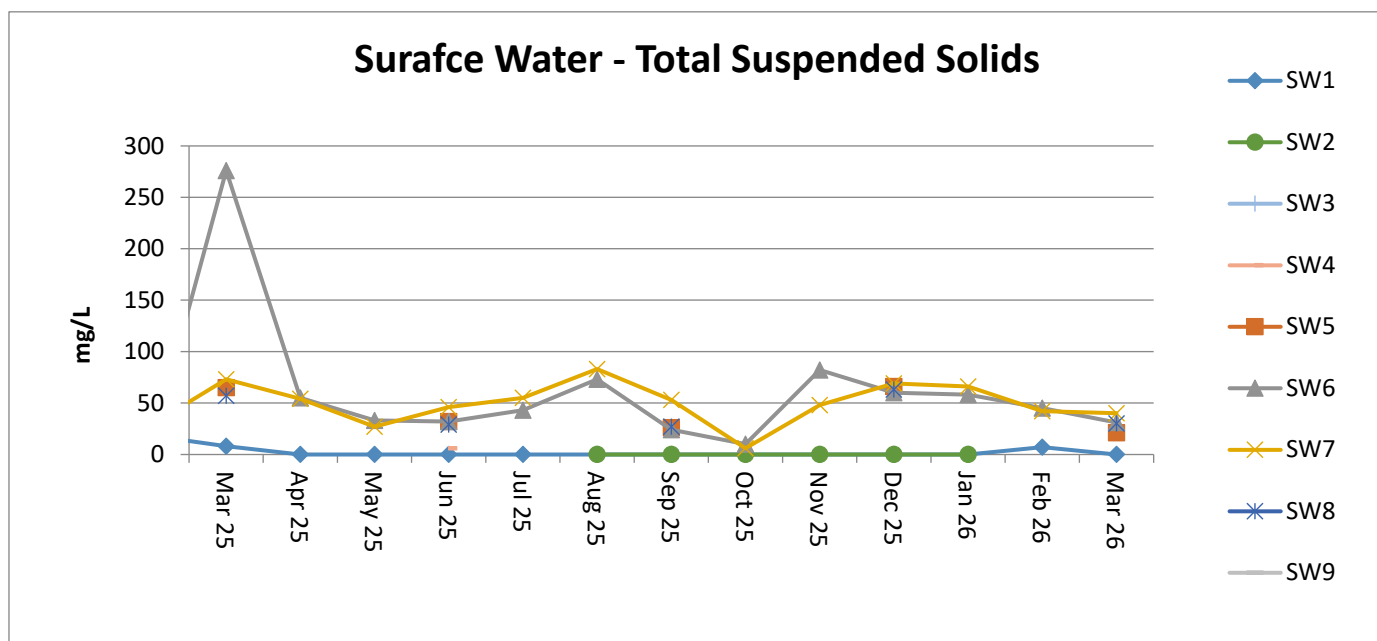
Electrical Conductivity

Surface water EC trends have remained consistent with SW5, SW6, SW7 and SW8 all historically variable. SW5, SW6, SW7 and SW8 are points along the Namoi River which are subject to regulated and variable flow regimes.



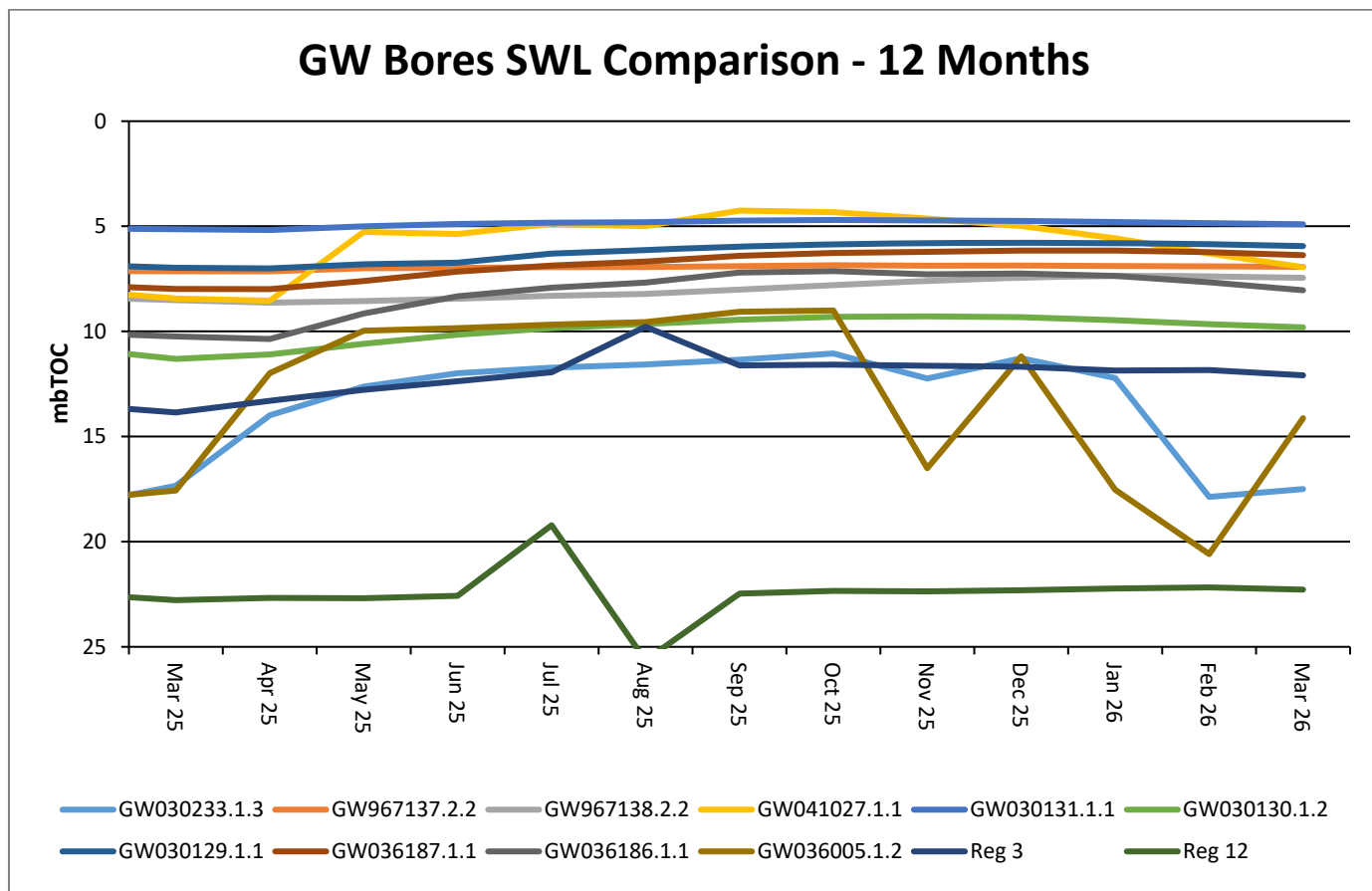
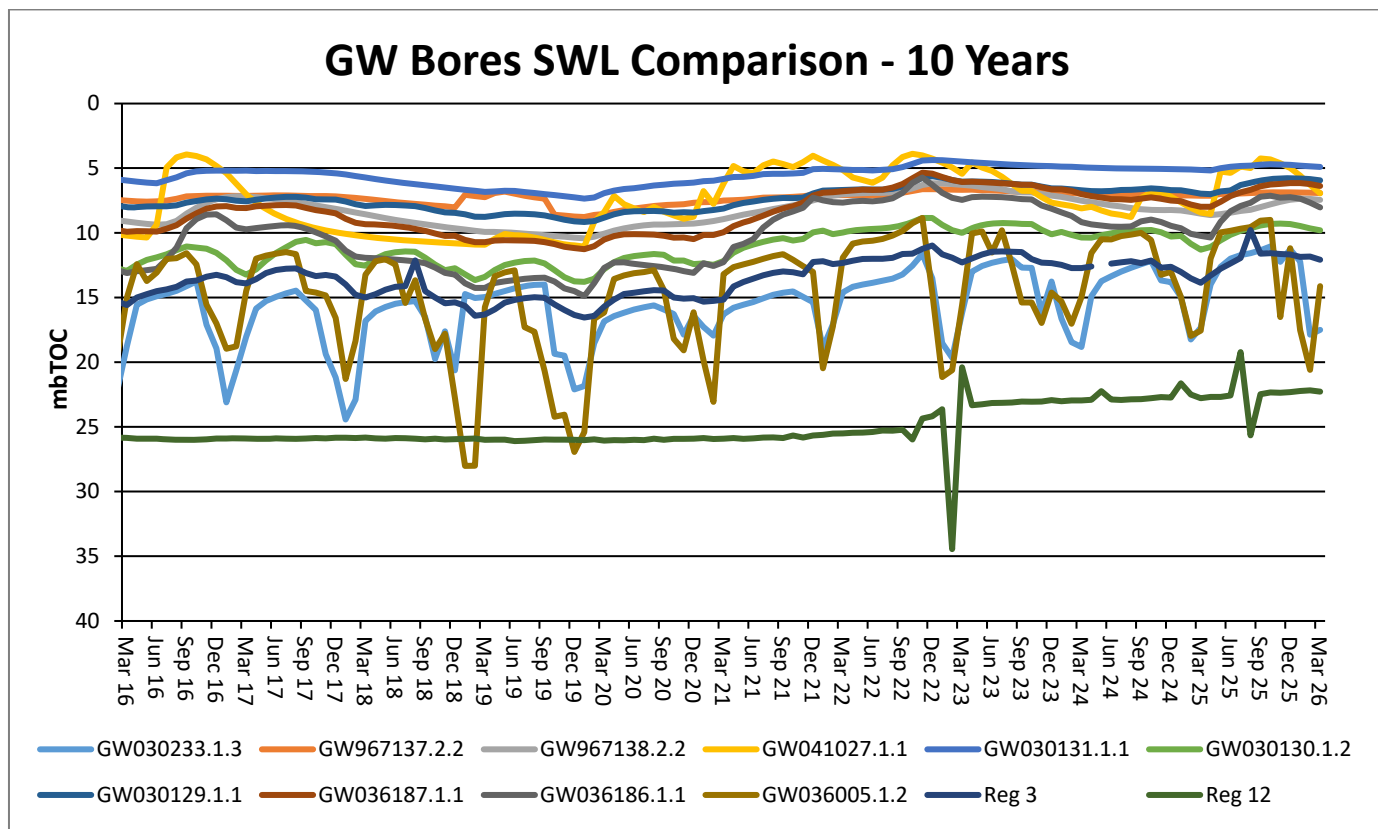
Total Suspended Solids (TSS)

Surface water TSS trends have remained generally consistent with historical results. SW5, SW6, SW7 and SW8 are historically variable as they are located along the Namoi River which is subject to regulated and variable flow regimes.



Regional Groundwater monitoring

Maules Creek Coal Mine monitors regional bores across the region.



Rehabilitation

Progressive rehabilitation works are ongoing. MCC is on track to complete CY26 rehabilitation in accordance with the Forward Program.

Feral Animal Management

Most recent routine Whitehaven Biodiversity Feral Animal Control program (January to March 2026) results were:

- 965 out of total 1,596 feral pigs removed were from the Maules Biodiversity properties;
- 457 out of the total 691 feral goats removed were from the Maules Biodiversity properties;
- 105 out of total 210 Canid Pest Ejectors (1080) triggered, or foxes removed were from the Maules Biodiversity properties.

Weed Control

During January to March 2026 the following weed control was undertaken via spot spraying/jetting on the Maules Biodiversity Properties:

- 36ha of Woody Weeds (Sweet Briar, Blackberry, Tiger Pear and Prickly Pear) were sprayed.
- 21.8ha of Grasses (Coolatai Grass, African Lovegrass and Rhodes Grass) were sprayed.
- 18.2ha of Broadleaf Weeds such as Bathurst Burr, Noogoora Burr and Cobblers Peg were sprayed.
- 267ha of tracks sprayed as part of the track maintenance.

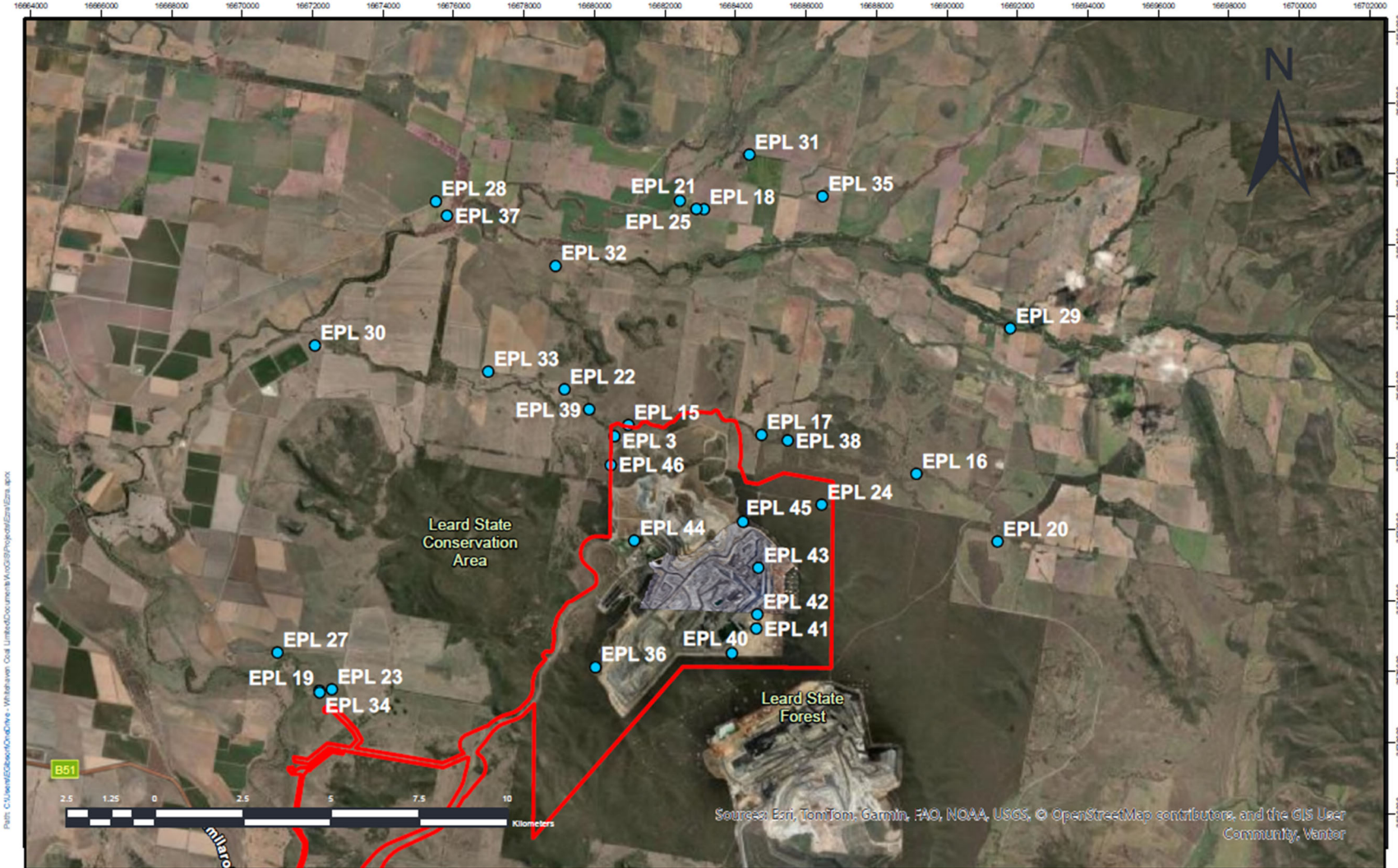
Upcoming Biodiversity Projects and Works

- Continue Pest Animal Management Program April to June 2026
- Continue Seasonal Weed Control Programs
- Continue Firebreak Track Maintenance Program
- Continue Property Development for Track and Fencing Works
- Continue Threatened Flora Translocation Program maintenance
- Continue Annual Ecological Burn Program
- Commence Revegetation Tree Planting

Community Complaints

There was one community complaints registered during the quarter, all community complaints are available on the company website at <https://whitehavencoal.com.au/our-business/our-assets/maules-creek-mine/>.

Date Received	Method	Category	Nature of Compliant	MCCM Response
27/01/2026	Phone	Dust	Local Land Holder called regarding dust levels in the Maules Creek Area.	MCC reviewed the data and provided a response to the landholder.



EPL 20221 Monitoring Locations - 16/03/2026

- EPL Monitoring Locations
- Mod 9 Boundary

Maules Creek Coal



Scale: 1:143,695
 Date Created: 17/03/2026
 Spatial Reference:
 WGS 1984 Web Mercator Auxiliary Sphere

Disclaimer: Map for reference only and subject to survey. MCC makes no guarantee of the accuracy of this map and data within. MCC shall have no liability for any decisions made or actions taken based upon this map.