



Upper Hunter
Mining Dialogue

Dialogue in Review (2020 to 2022)
Chair Address

SARAH
WITHELL

Chair, Upper Hunter Mining
Dialogue

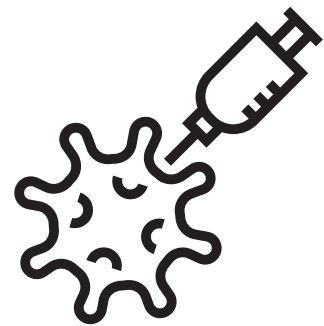




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CHAIR ADDRESS

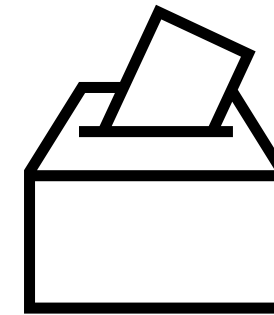
IT HAS BEEN A CHALLENGING FEW YEARS SINCE OUR
LAST FORUM IN 2019



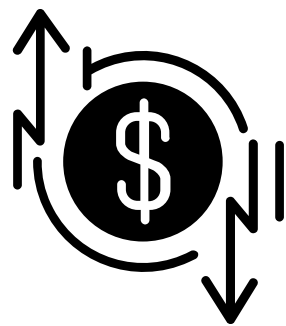
Covid



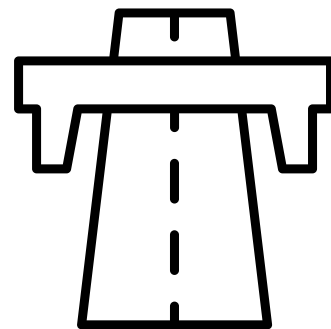
Weather
conditions



Politics



Economy



Infrastructure





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BACKGROUND OF THE DIALOGUE

- The Dialogue was established in 2011 and followed a series of 2010 community workshops to identify issues
- Four initial themes including Emissions & Health, Land Management, Water Quality and Social Impacts & Infrastructure with projects delivered under each theme
- A 2018 restructure saw all Environment issues brought under the same theme, and new Economic & Social Development, and Communications themes created, in response to our second Community Perceptions Survey





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CURRENT THEMES AND PRIORITIES

- Environment - Managing and minimising air quality impacts; ensuring sustainable and responsible water use; and improving rehabilitation progress.
- Economic and Social Development - Continue engagement with Councils and Chambers to improve mining opportunities for local supplier businesses.
- Long-term strategic planning issues - Planning for the future is a high priority for the community.
- Multi-faceted community stakeholder engagement





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SCENE SETTING - TODAY'S PROGRAM

- Survey Insights and Opportunities Identified
- Industry Update and Outlook
- Strategic Land Use Plans from Government
- Two different mining industry closure plans
- Community Panel
- Discussion Session

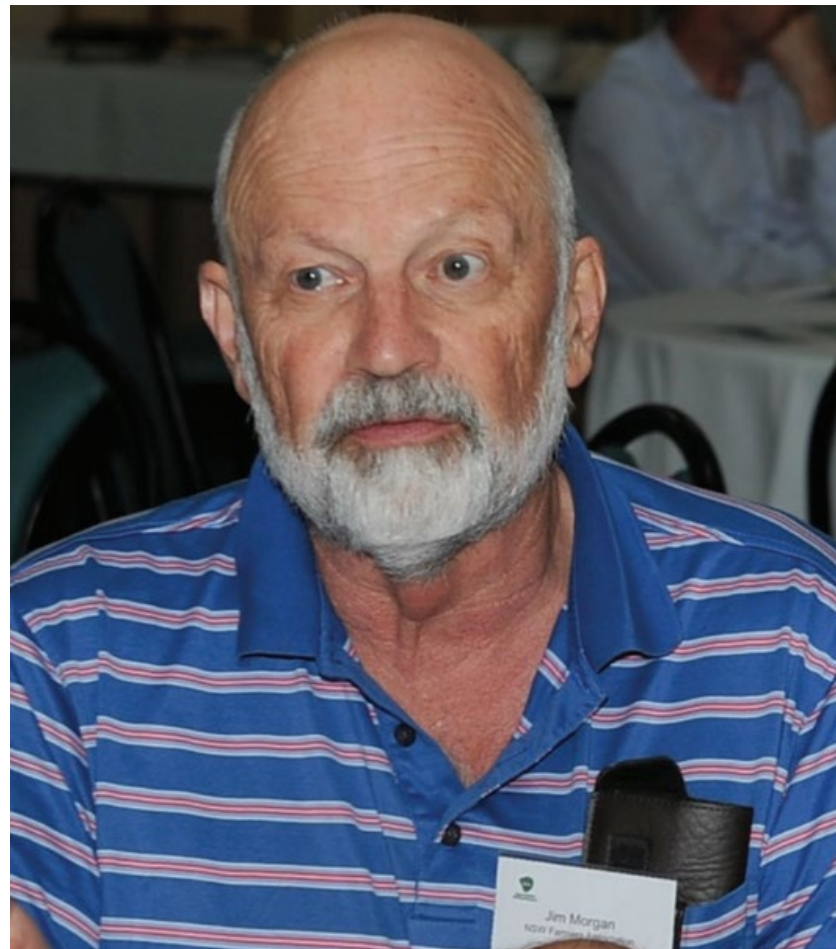




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REMEMBERING



JIM MORGAN

Joint Advisory Steering
Committee member





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ACKNOWLEDGEMENTS



SUE GILROY
Joint Advisory Steering
Committee member -
Business Singleton



MARK IHLEIN
Joint Advisory Steering
Committee member -
Singleton Council





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Dialogue in Review (2020 to 2022)

JAMES BARBEN

Director Policy, NSW Minerals
Council

UHMD Secretariat





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Mining Dialogue**

DIALOGUE IN REVIEW (2020 TO 2022)

James Barben

NSW Minerals Council
UHMD Secretariat





DIALOGUE IN REVIEW (2020 TO 2022)

ENVIRONMENTAL PROJECTS: KEY ACHIEVEMENTS

- Finalising the Analysis of Upper Hunter Air Quality Monitoring Data Project
- Finalising the Upper Hunter Water Quality Analysis Project
- ACARP Pasture Research - Dialogue supported study finalised in late 2021
- Continued delivery of annual water use and rehabilitation reporting projects



DIALOGUE IN REVIEW (2020 TO 2022)

AIR QUALITY MONITORING DATA ANALYSIS PROJECT

- The Dialogue finalised the initial report in early 2020, following Damon Roddis' (ERM) presentation in 2019.
- Supplementary analysis included 2020 data and found that the wet conditions that year led to a significant improvement in air quality across all monitored regions in the study, including the Upper Hunter.
- Direct correlation between rainfall and particulate matter.



DIALOGUE IN REVIEW (2020 TO 2022)

HUNTER RIVER WATER QUALITY (HRSTS) ASSESSMENT- FOLLOW UP ANALYSIS

- A second phase was finalised in 2020, involving further investigation of elevated nitrate levels in mine discharge dams, an action from the initial report.
- The analysis confirmed the relationship between nitrate concentrations and preceding rainfall.
- In periods of higher rainfall (where discharges are permitted), nitrate values are lower than they would be following periods of low rainfall managing discharge concentrations.



DIALOGUE IN REVIEW (2020 TO 2022)

ACARP PASTURE RESEARCH

- The Dialogue has supported ACARP research examining past and present mine rehabilitation.
- Follows on from previous study looking at sustainability and profitability of cattle grazing on rehabilitated mine pasture land.
- Pasture Restoration Field Day - bringing together agronomists and industry to discuss pasture research and tour pasture rehabilitation in the Hunter.





DIALOGUE IN REVIEW (2020 TO 2022)

REHABILITATION PRINCIPLES AND COMMITMENTS

Rehabilitation	2019	2020	2021
New disturbance	979	1,380	514
New rehabilitation	869	848	701
Total land awaiting rehab	22,518	23,259	23,058
Total land under rehab	13,470	14,242	14,746

39%

Overall proportion of disturbed land rehabilitated

1.36

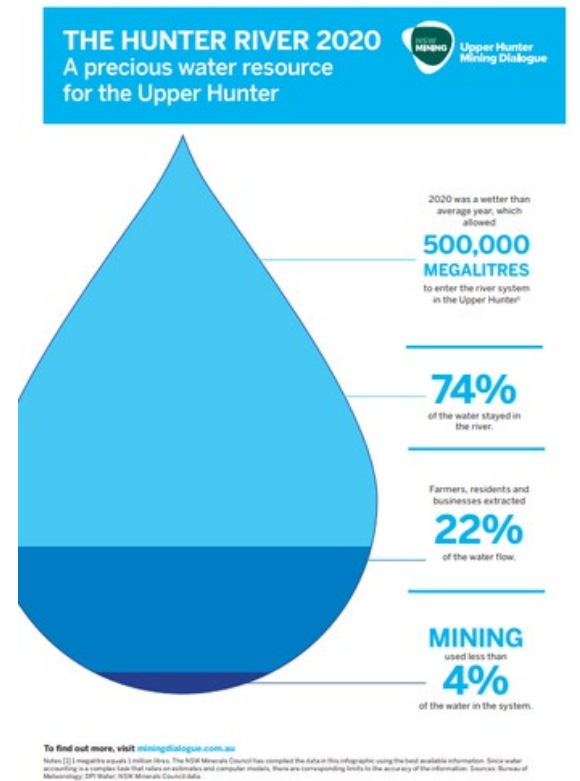
2022 annual rehab to disturbance ratio



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WATER ACCOUNTING FRAMEWORK

Hunter River System	2019	2020	2021
Water entering the Hunter River	214 GL	500 GL	1,469 GL
Water staying in river	33%	74%	95%
Farmer, resident and business use	58%	22%	4%
Mining's water use	8%	4%	1%





DIALOGUE IN REVIEW (2020 TO 2022)

ECONOMIC & SOCIAL DEVELOPMENT

Key achievements:

- Procurement Information Hub - Procurement details for all Upper Hunter companies are now included.
- Procurement Networking Events - Two joint UHMD/MCCI events held in Muswellbrook in 2021/2022 to improve engagement between supply businesses and the mining sector.



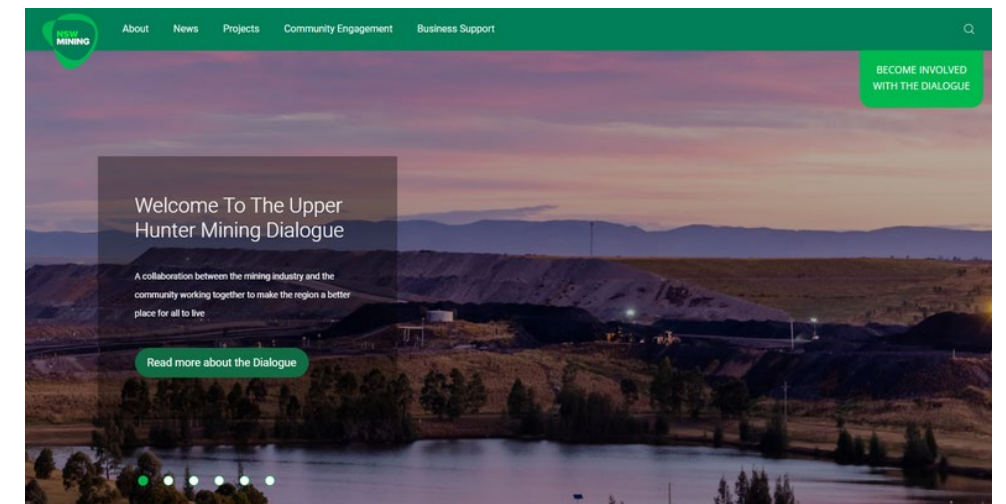


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COMMUNITY ENGAGEMENT

Key achievements since 2019:

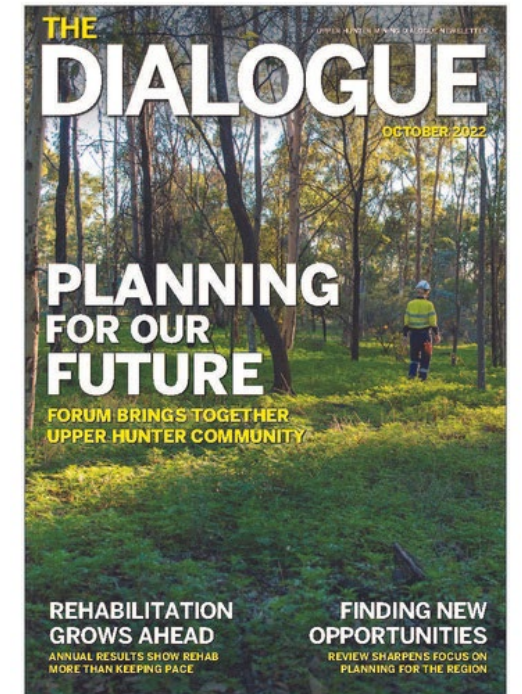
- 2020 Website Upgrade.
- Continued delivery of School Mine Tours Program - Over 600 Years 5 and 9 students each year.
- Community Perceptions Survey - Third survey identified issues and opportunities for the Dialogue to work on.



DIALOGUE IN REVIEW (2020 TO 2022)

COMMUNITY ENGAGEMENT

- Working Group and Steering Committees - Strong meeting attendance during Covid, move to hybrid
- Typically 10+ local events attended each year, with over 200 community surveys collected and over 350 community stakeholder interactions each year
- 'The Dialogue' Newsletter re-designed in 2020 and recently distributed in Hunter River Times to 12,000 readers

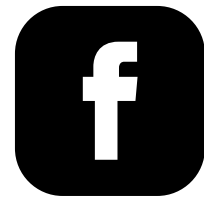




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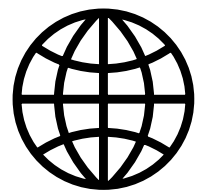
DIALOGUE IN REVIEW (2020 TO 2022)

KEEP ENGAGED WITH THE DIALOGUE



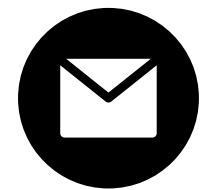
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