

Duralie Coal CCC Meeting

Presentation –
Company Report & Overview
of Activities

February 2025

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Environment & Community Superintendent

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1. Activities at The Mine

Activities: July – December 2024

- Rehandle of PAF material into the Weismantel void recommenced in October and completed ahead of schedule in November.
- Geotechnical and geochemical drilling completed.
- Maintenance of contour drains in rehabilitation area during October 2024.
- Works in quarry commenced in January 2025 to recover rock for the Coal Shaft Creek reconstruction and rehabilitation.



Photo: PAF Rehandle, November 2024



1. Activities at The Mine



Photo: Southern Rehab, September 2024



Photo: Southern Rehab, January 2025



2. Environmental Reporting & Regulators

Management Area	Project	Status
Reporting	<ul style="list-style-type: none"> Duralie Coal Mine Annual Review 2024 Duralie EPL 11701 Annual Return 2024 NPI and NGER reporting 2023 	<ul style="list-style-type: none"> The 2024 Duralie Coal Mine Annual Review was completed in September 2024. The Annual Review was accepted by the Department of Planning, Housing and Infrastructure in December 2024 and is now available on the Duralie Coal website. The Duralie EPL 11701 Annual Return was submitted in September 2024. The Annual Return will be made available on the EPA's public register. The NPI and NGER annual reporting requirements for the Duralie Coal Mine have been prepared and lodged with the relevant government agencies.
Regulator	<ul style="list-style-type: none"> Environmental Management Plans – revision for closure EPA 	<ul style="list-style-type: none"> DCPL have completed revisions to the Duralie Environmental Management Plans to reflect the current closure status of the DCM. The revised plans have been progressively submitted to DPIE for approval, all submitted plans have now been approved and have been made public on the Duralie Coal Website. The EPA visited site in November as part of the routine 5 yearly Environmental Risk Assessment of EPL 11701.

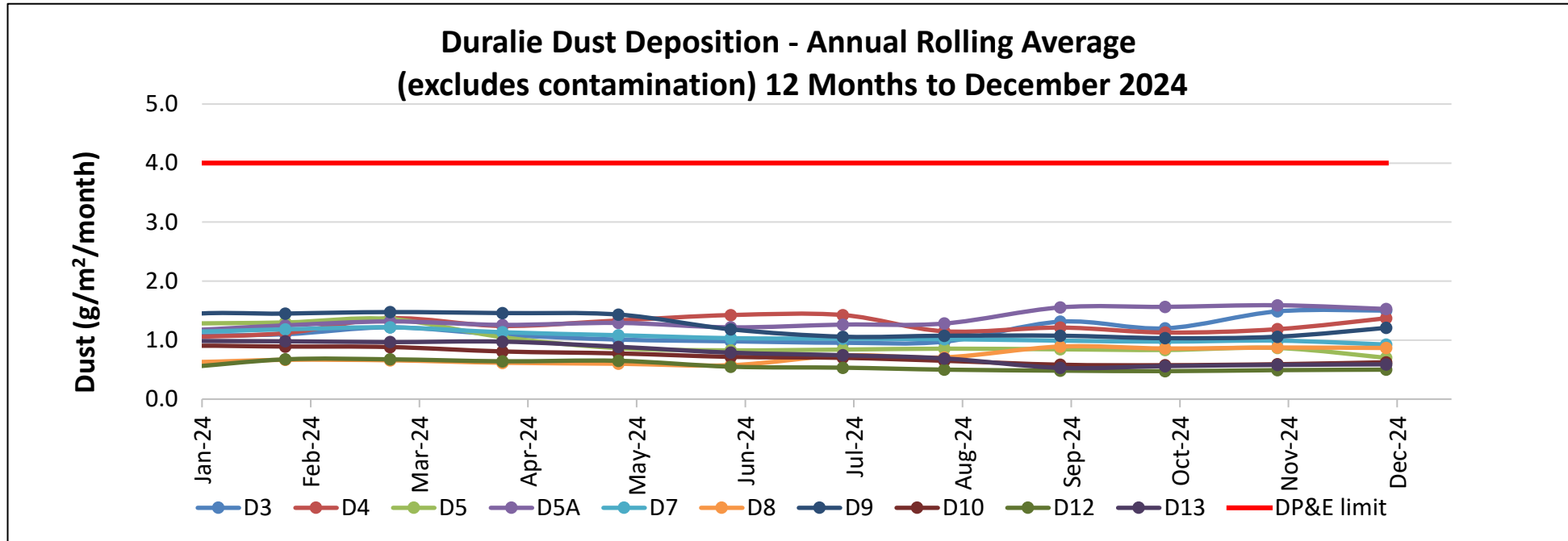
3. Environmental Management Plans & Monitoring

- a) Air Quality Management
- b) Water Management
- c) Rehabilitation Management
- d) Biodiversity Management
- e) Mine Closure Planning



3a. Air Quality Management

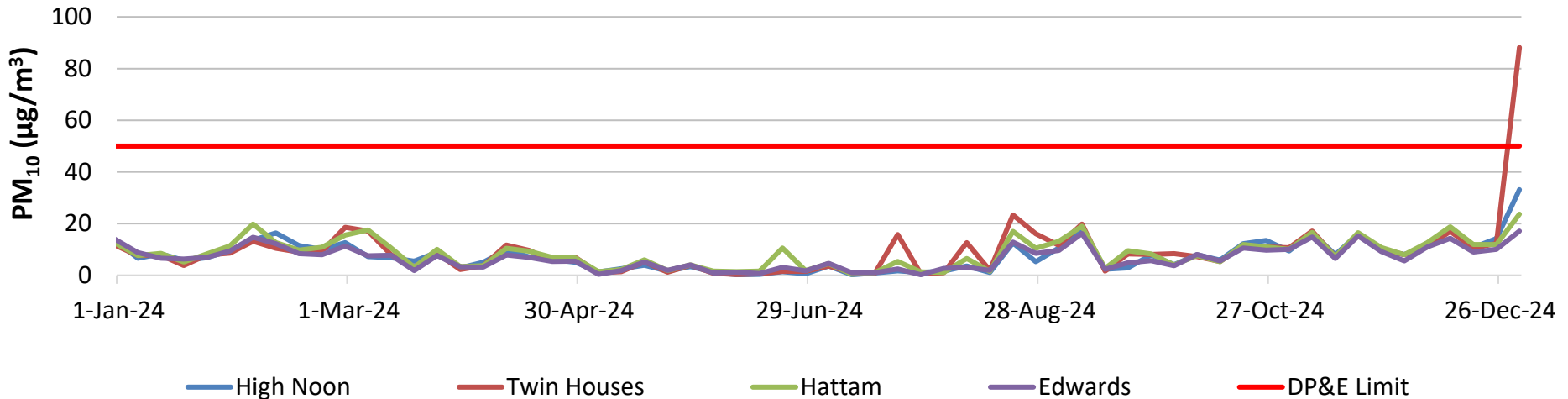
Management Area	Project	Status
Air quality monitoring	<ul style="list-style-type: none"> Real-time air quality system HVAS & dust gauge monitoring network. 	<ul style="list-style-type: none"> The real-time air quality TEOM monitor on Martins Crossing Rd continues to operate. General ambient PM10 dust levels have been slowly increasing due to decreased rainfall. No triggers have been received relating to bulk earthworks including rehandle and rehabilitation.



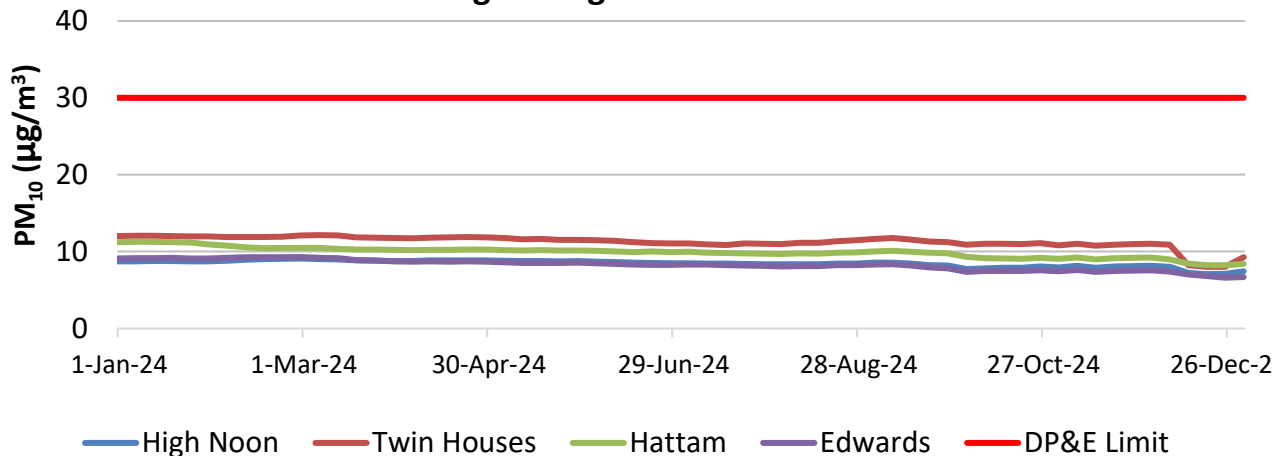
- Due to frequent contamination of dust gauges the HVAS results should also be used when interpreting results.

3a. Air Quality Management

Duralie HVAS Monitoring - Particulate Matter (PM₁₀) 12 Months to December 2024



**Duralie HVAS Monitoring (PM₁₀)
Annual Rolling Average - 12 Months to December 2024**



- Majority sites below DPIE limit. Typically, low results during winter and higher during spring/summer.
- Monitor results from Johnsons Creek Road showing high readings in December 2024. elevated results not attributable to DCM. Strong Easterly wind during the monitoring period.
- HVAS results provide more reliable data compared to dust deposition results and should be referred to when interpreting dust emissions.



3b. Water Management

Management Area	Project	Status
Site Water Management	<ul style="list-style-type: none"> Water storage dewatering 	<ul style="list-style-type: none"> Dewatering of Main Water Dam (MWD) to Clareval Pit continued. AD2 minimum water level maintained. Clean water diversion drain maintenance completed.
Surface Water	<ul style="list-style-type: none"> Routine monitoring 	<ul style="list-style-type: none"> Average rainfall received during 2024. Routine and event surface water monitoring has been completed. All sites generally within Duralie water quality performance indicators. No obvious trending towards performance indicators.
Groundwater	<ul style="list-style-type: none"> Routine monitoring 	<ul style="list-style-type: none"> Routine monitoring has been completed and the results continue to indicate consistency with the model trends in the Environmental Assessment.



Photo: Auxilliary Dam 2, January 2025.

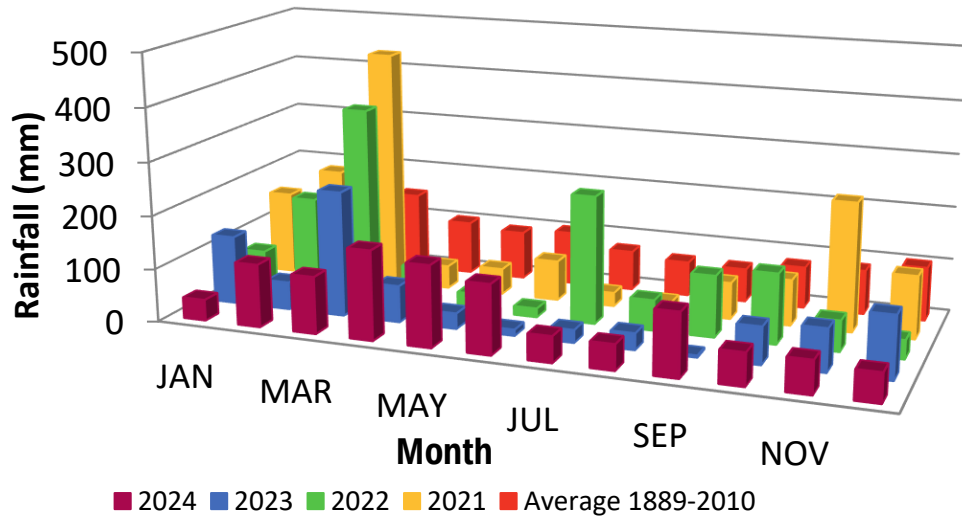


Photo: Main Water Dam, Jan 2025.

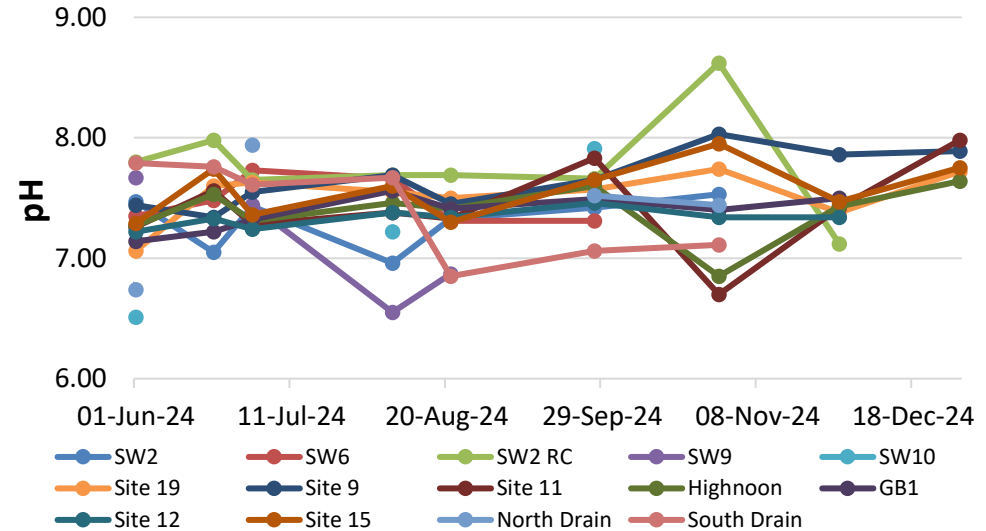


3b. Water Management – 6 months

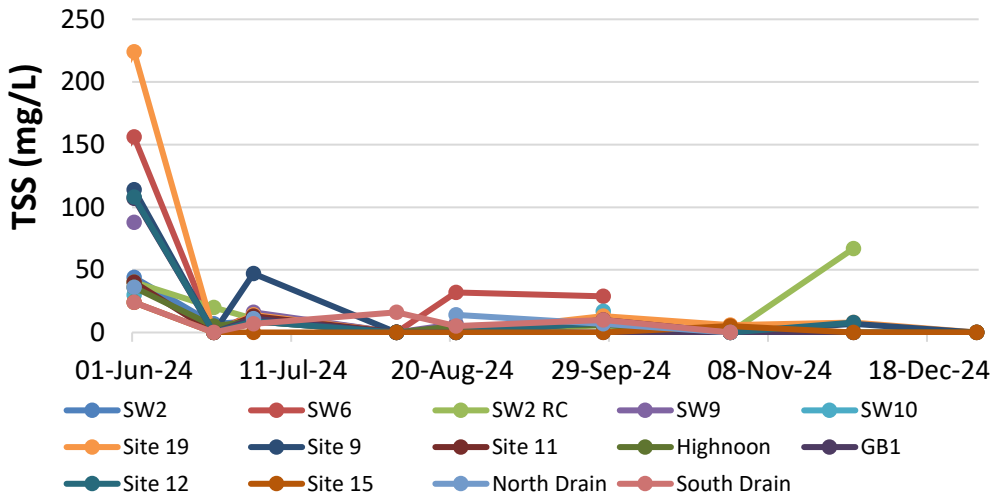
Duralie Mine - Monthly Rainfall



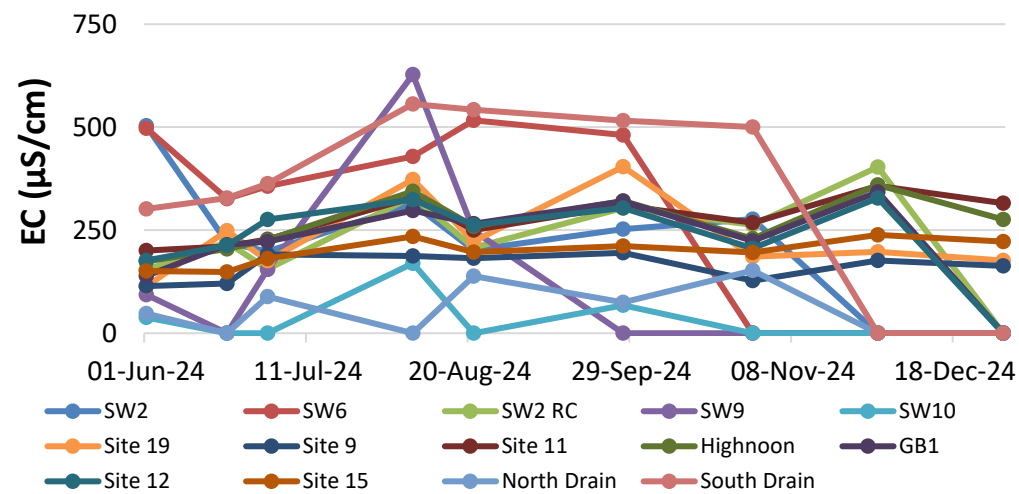
Duralie Surface Water Monitoring - pH 6 months to December 2024



Duralie Surface Water Monitoring - Total Suspended Solids (mg/L) 6 months to December 2024

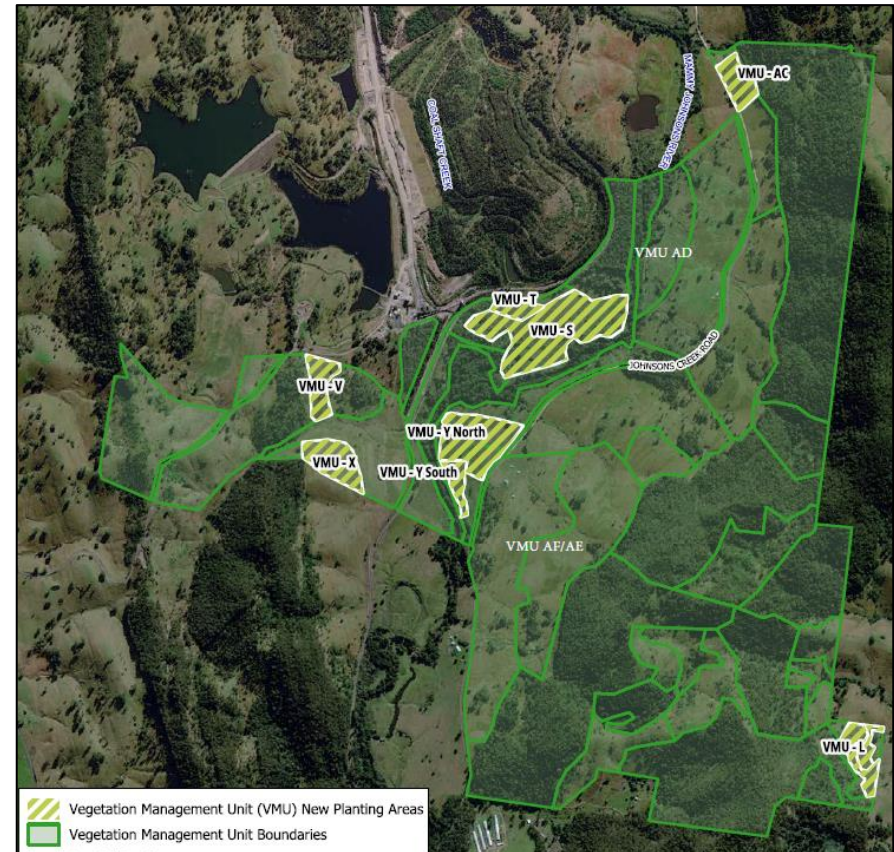


Duralie Surface Water Monitoring - Electrical Conductivity (µS/cm) 6 months to December 2024



3c. Rehabilitation and Biodiversity Management

Management Area	Project	Status
Biodiversity Offset	<ul style="list-style-type: none"> Revegetation Planning 	<ul style="list-style-type: none"> Planning underway for the 2025 infill planting program. 2025 program will include approximately 3,000 plants planted into 4 vegetation management areas. Slashing of fire breaks and tracks completed in November and December 2024. Further Slashing planned for February 2025.
Rehabilitated Waste emplacements	<ul style="list-style-type: none"> Rehabilitation Maintenance 	<ul style="list-style-type: none"> Contour drain maintenance completed in October 2024. Weed spraying in rehabilitation areas continued in 2024. Access for weed spraying has improved with contour drain maintenance and ongoing slashing.
Rehabilitation Monitoring	<ul style="list-style-type: none"> Vegetation Monitoring - Ecosystem Function Analysis 	<ul style="list-style-type: none"> Rehabilitation monitoring was completed in June 2024. The report findings and recommendations will be included within the Annual Rehabilitation report.



Map: 2024 Biodiversity Offset Revegetation Planting Areas

3e. Mine Closure Planning



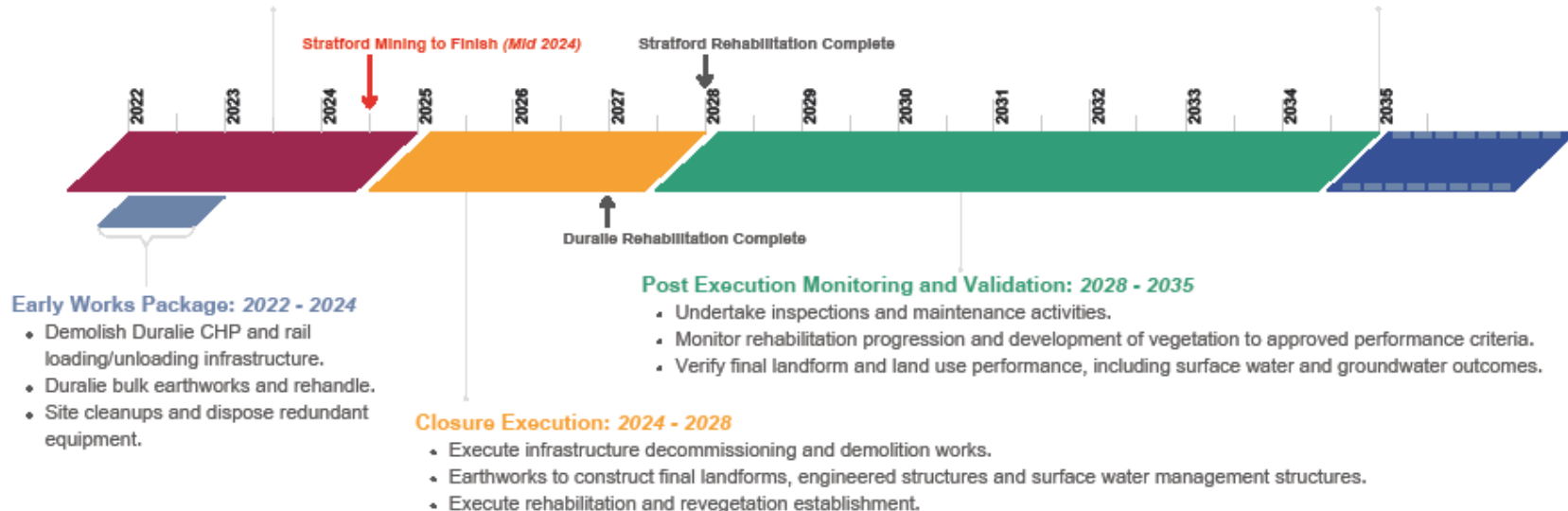
Indicative Stratford and Duralie Timeline

Detailed Mine Closure Planning: 2022 - 2025

- Undertake detailed investigations and design to define the "Go Forward" closure plan.
- Confirm rehabilitation/closure performance objectives and criteria with regulators and Yancoal internal stakeholders.

Lease Relinquishment: 2035 Onward

- Execute rehabilitation signoff process.
- Demonstrate all regulatory obligations have been met to surrender consents, mining leases and licences.
- Post mining land use and property divestment.



3e. Mine Closure Planning

Aspect	Status
General	<ul style="list-style-type: none">• Detailed Mine Closure studies currently expected to be completed in Q3 2025.• Detailed Mine Closure Planning will inform closure execution works with rehabilitation works to progress following closure planning.
Rehabilitation	<ul style="list-style-type: none">• Final Landform and Rehabilitation Plans (FLRP) will be revised following completion of Detailed Mine Closure Plan.• Yancoal and the Resources Regulator acknowledge that the currently proposed landforms may change as the closure planning program evolves.
EMPS, Monitoring & Maintenance	<ul style="list-style-type: none">• EMPs will be progressively reviewed and updated to reflect the stage of operations and closure works.
Stakeholder and Community	<ul style="list-style-type: none">• Communications with the workforce, CCC and other stakeholders will continue throughout closure.• Closure updates to the CCC will continue to be provided.
Infrastructure	<ul style="list-style-type: none">• Staged decommissioning and demolition planning is in progress. Infrastructure will be progressively decommissioned where not required to support closure works.• Infrastructure to be retained will be subject to approval by the Resources Regulator

3e. Mine Closure Planning

Aspect	Status
Final land use	<ul style="list-style-type: none"> The target post-mining land uses are Agricultural grazing, native vegetation and water bodies Land uses are shown and defined in the RMP.
Final Landform	<ul style="list-style-type: none"> Landform refinements are continuing as part of the on-going mine closure planning. Refinements are iterative, consider mine planning, landform stability, landscape evolution modelling, geochemistry and water management.
Final Voids	<ul style="list-style-type: none"> Final Void design and water modelling is progressively being revised as part of the Mine closure plans. Design revisions and water modelling iterations will consider any landform refinements and study findings.
Water	<ul style="list-style-type: none"> Investigating an option of further dam capacity reductions of MWD and AD2 as part of closure works. Water management, surface water and groundwater modelling is progressively being revised for rehabilitation and post rehabilitation phases.
Coal Shaft Creek Reconstruction	<ul style="list-style-type: none"> CSC reconstruction design is being reviewed including the integration with the Main Water Dam and surrounding landform. Coal Shaft Creek reconstruction and decommissioning of the dams requires further regulatory approvals. These approvals are expected to be finalised following the detailed Mine closure Plan.

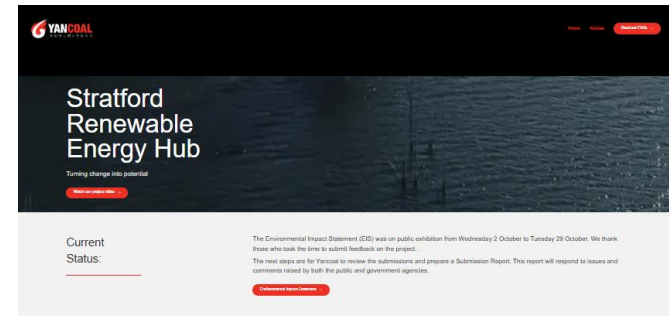
6. Community Programs

Management Area	Project	Status
Support Programs	Stratford Coal Community Support Program (CSP)	<ul style="list-style-type: none">• Applications for the 2025 Community Support Program closed in September.• Received 37 applications with 32 successful organisations receiving funding.• Presentation evening was held in January.
	Stratford Coal Education Support Fund	<ul style="list-style-type: none">• Applications are currently open for the Stratford Coal Education Support Fund. Closing on the 10th February.• Successful applicants to be announced end of February.

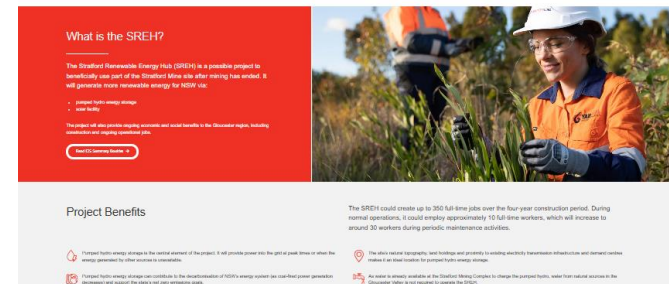
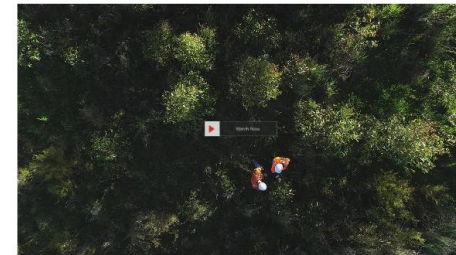


7. Stratford Renewable Energy Hub - Update

- Yancoal is currently preparing a Response to Submissions Report to address issues raised by the community and government agencies during public exhibition of the EIS
- Yancoal is aiming to have this report completed this quarter
- After which NSW DPHI will complete its assessment of the project including taking expert advice, as necessary, from the Independent Expert Advisory Panel for Energy Transition
- The Minister for Planning and Public Spaces will ultimately determine the project



SREH Project Video



More information can be found on the project website www.stratfordrenewableenergyhub.com.au (above) or NSW DPHI's website www.planningportal.nsw.gov.au/major-projects/projects/stratford-pumped-hydro-and-solar-0