

Vickery Extension Project CCC

Date: Wednesday 26 April 2023, 12 – 1:20pm

Venue: Whitehaven Gunnedah Office Boardroom and Zoom

Attendees	
<p>Community members Keith Blanch (KB) Community Representative Grant McIlveen (GM) Community Representative</p> <p>Narrabri Council Cr Darrell Tiemens (DT) - Narrabri Shire Council</p> <p>Gunnedah Shire Council Cr Rob Hooke (RH) - Gunnedah Shire Council</p> <p>Wade Hudson (WH) - Gunnedah Shire Council</p>	<p>Whitehaven Coal Scott Mitchell (SM) Whitehaven Coal Darren Swain (DS) Whitehaven Coal Mark Stevens (MS) Whitehaven Coal</p> <p>Independent Chair Professor Roberta Ryan (RR)</p> <p>Minute taker Isa Crossland Stone (ICS)</p>
<p>Apologies Donna Ausling (DA) - Narrabri Shire Council Michelle Henry (MH) - Narrabri Shire Council Cr Cathy Redding (CR) - Narrabri Shire Council Cr Colleen Fuller (CF) - Gunnedah shire Council Ron Fuller (RF) Community Representative Barry Thompson (BT) - Community Representative</p>	

Item	Description	Action
1	Welcome and introductions - RR	
	RR welcomes everyone to the meeting.	
	RR introduces herself to the group; some time has passed since they last met.	
	All attendees make their introductions for the benefit of newcomers.	

	DT is from the Narrabri Shire Council. He is attending in place of CR, who cannot be here today.	
2	Declarations of interest - RR	
	RR invites the attendees to make any declarations of interest. GMC's declaration of interest remains unchanged from the previous meeting. There are no new declarations of interest.	
3	Actions and Matters arising from Previous Minutes	
	<p>1. RR to arrange a process for sourcing additional community members for the CCC once Whitehaven has made an investment decision.</p> <p>With respect to this item, RR asks for an update from Whitehaven on the progress of their investment decision.</p> <p>MS says that according to Whitehaven's quarterly announcement made this past Friday April 21, 2023, the board of Whitehaven Coal announced that they will be progressing with the Early Mining of Vickery.</p> <p>At Friday's review, the board confirmed that they are still aiming to announce an investment decision by the end of 2023.</p> <p>MS says that the company plans to be 'shovel ready' by the middle of the 2024 calendar year. MS explains that 'shovel ready' means that they will have gone to tender, have received all contractor prices, and have all elements of construction ready to begin the main project.</p> <p>MS expands on these updates in his presentation in section 5, below.</p>	
4	Project Update and Next Steps - MS	
	MS makes the project delivery update for Whitehaven Coal. A copy of MS' presentation is attached to these minutes in PDF format.	

	<p>RH asks about the impact of Braymont Rd closure on the local farming community.</p> <p>MS says that farmers will still have access if they are travelling North. Also, that the closure of Braymont Rd was involved in the approved EIS for Vickery.</p> <p>MS asks if many people travel through this area generally.</p> <p>GMc says that that lots of community members use Braymont Rd when going fishing.</p> <p>WH adds that it is a stock route. It is a route used in dry times for farmers to get water while stock is being transported.</p> <p>DS clarifies that Whitehaven’s plan will not prevent access here. One of the requirements of this development is that access to this TSR remains open. Access will only be blocked from the South.</p> <p>GMc says that farmers will therefore have to walk their stock down Braymont Rd to the river and back. It will be inconvenient.</p> <p>DS says that in accordance with the EIS for this development, Whitehaven will provide an alternate route to account for the blocked access. The planning of route is still ongoing at this stage.</p> <p>KB asks if the community can expect an alternate route to be established before the road closes.</p> <p>SM says that agreement for an alternate route will have to be clarified internally. The road closure is a condition of consent.</p> <p>GMc asks about a projected timeframe for this clarification.</p> <p>SM says that he is not able to give an estimate as it is dependent on government agency input.</p>	
--	---	--

	<p>plan at this point in time?</p> <p>MS notes Whitehaven has approval to move a total of 3.5 million tonnes of ROM Coal combined from Tarrawonga and Vickery to the Gunnedah CHPP.</p> <p>MS says that now that the change of plan has been announced, the team is working through the details of what needs to be done. Major elements of this planning relate to transporting equipment to the area and setting up temporary offices.</p> <p>GMc says that there is talk in the community about the mine using contractors to mine the coal.</p> <p>MS notes that according to an analysis by Whitehaven, it is better for Whitehaven to run the mine as an owner-operator project.</p> <p>MS says that now that the plan has been announced, Whitehaven will begin looking for their own employees. MS says that in approximately October there will be a campaign to recruit operators. There will also have to be an agreement between Whitehaven and the workers unions.</p> <p>GMc asks MS about the rail line. In the EIS and the report delivered to the IPC, the rail line was planned to be placed across the flood plain.</p> <p>MS says that according to the development conditions, Whitehaven must keep the rail above the 100-year flood plain. Any development must be carried out to the flood management plan.</p> <p>GMc asks if there will be any embankments to divert water to the neighbours.</p> <p>MS says no, Condition B48 states that the rail must be above the 1% AEP (Average Exceedance Probability) flood level and must meet the flood management plan, which will involve keeping this open flow area.</p>	
--	--	--

	<p>The rail to the west of the Highway will be elevated except for a small section of rail adjacent to the main ARTC main line.</p> <p>RR invites any more questions.</p> <p>KB asks MS to clarify: will Whitehaven be ‘moving dirt’ within the next few months?</p> <p>MS says yes, hopefully within the next few months. There will be a slow build up to mining, beginning in May with surveying and a range of assessments.</p> <p>MS says that they expect to begin to move machinery over to Vickery in October of 2023. Excavation of the box cut should start around Oct 23 with first coal being mined in approximately May 2024.</p> <p>GMc asks MS if the tenders will be open to all local businesses.</p> <p>MS says that the project manager is local. Contracts will be open to local companies. There is \$20-30 million worth of earthworks to be contracted plus other minor works. MS says that Whitehaven’s preference is for employing local people and encouraging people to move to the area and live locally.</p> <p>MS adds that the company is in conversation with the Council about residential development to support this plan.</p> <p>DS adds that the company is in conversation with the Council about using some subdivisions to build residential buildings.</p> <p>KB says that he has heard that some people are already being contracted for this work.</p> <p>MS says this is incorrect. This project only received board approval late last week, so there has not yet been any</p>	
--	---	--

	<p>movement in terms of contracting.</p>	
5	<p>EMP Update and Canyon and Vickery Environmental Report - SM</p>	
	<p>SM provides an update on the environmental monitoring and status of Environmental Management Plans. A copy of this document is attached to these minutes in PDF format.</p> <p>SM adds that this presentation will likely be revised in the future to reflect developments in the project to being operational and monitoring under the VEP.</p> <p>KB asks about the mapping of the groundwater path at WW12. He says that unlike what the map shows, 90% of the water crosses Braymont at the point where it bends, where there is a causeway.</p> <p>SM says that this is likely because the report would have been based on a simple previous government-based mapping of the area.</p> <p>GMC asks if there is still a plan to place a bore field North of KB's property.</p> <p>SM says that Whitehaven is still looking into the details of various water management strategies.</p> <p>SM says that the company does have a water and property manager and notes they are considering options for Vickery water supply and storage.</p> <p>MS says that he knows that the company is conducting some bore tests to see their capability.</p> <p>SM adds that these tests will determine if, and when, the bore field is developed.</p> <p>Regarding the air quality measurement at the Vickery Coal Mine for dust deposition, WH asks what the trigger level is.</p> <p>SM notes the target is 4 grams per square metre per month, however also notes there is no mining activity at present and are background results from various sources.</p> <p>SM says that there is a plan to transition to more real-time modelling in future. This is expected to be a feature of the updated monitoring program to be presented in future meetings.</p>	

	<p>SM presented an update on some approval and reporting items including table of the various Environmental Management Plans (EMP's).</p> <p>GMc asks about the management plans tabulated in SM's presentation. Will they be available to view on the Whitehaven website?</p> <p>SM confirms that they are accessible on the Whitehaven website under the 'Vickery Extension Project' tab. They are also accessible through the major project portal in the Vickery post-approval section.</p> <p>WH asks about the testing and monitoring of wells in Canyon and Vickery. Will they be retained for the extension project to ensure consistent data?</p> <p>SM says that the large majority will be. Any areas which they wish to monitor more closely will remain. There will be changes though as part of the Water Management Plan. There is also a possibility that more will be introduced in some areas in time.</p> <p>SM adds that keeping the same testing stations and locations more effectively shows what changes are occurring over time from a baseline. The baseline data already recorded at these sites will continue to be useful.</p> <p>WH asks if the reporting on the monitoring will become more frequent.</p> <p>SM says yes, it will increase to a quarterly frequency.</p> <p>KB notes that there are not many bores in the area. In Vickery particularly, he doesn't know of many.</p> <p>SM says that there are currently 31 monitored locations for the Vickery area referring to the slide (excluding Canyon bores to the north).</p> <p>GMc adds that if there is a drawdown in the North or the West, the drawdown will be picked up by the monitoring.</p> <p>SM agrees. He says that detecting drawdown will take time. There will also be some continuous monitoring via VWP's, and other monitoring requirements for the site.</p>	
--	---	--

6	Community Update - DS	
	<p>DS presents a community update for Whitehaven Coal.</p> <p>DS' presentation slides are combined SM's powerpoint presentation and are attached to these minutes in PDF format.</p> <p>RR thanks DS and asks for any questions or comments on DS' presentation.</p> <p>There are no comments.</p>	
7	General Business - RR	
	<p>GMc asks about Whitehaven's response to the Safeguard Mechanism plan. Will Whitehaven reduce its emissions gradually year-by-year or make changes all at once according to the Safeguard rules?</p> <p>MS says that the Early Mining plan does not meet the threshold of the Safeguard Mechanism. At the moment, Whitehaven is trying to work with the government to understand how the Mechanism will work, and how its conditions will be implemented. They are currently awaiting more details from the government.</p> <p>GMc raises an incident of surveyors accessing a farming property. The landowners, who were contacted by a surveying company, denied the surveyor entry to the land. Shortly afterwards, the owners received a notice of entry from the company and a surveyor came onto their land.</p> <p>GMc adds that this is not the first incident of this kind. Where does Whitehaven stand on this matter generally?</p> <p>MS says that these are legal state surveyors. In the matter that GMc is noting, a state survey point was located on the private land. In dealing with a state survey point, legislation allows state surveyors to access private property, with notice, to undertake surveys.</p> <p>DS confirms this. Surveyors have a statutory right of access. In this case they were picking up State Survey Marks. These points are generally on roadsides, but sometimes they are</p>	

	<p>located on private property. These registered survey marks are used to triangulate data and give accurate survey location of surrounding and less permanent points.</p> <p>GMc Asks about Whitehaven’s koala management plans. He would also like to know if Whitehaven’s donations to the koala park are related to the Vickery area.</p> <p>SM says that the donations made by Whitehaven were not tied to any specific project of Whitehaven’s such as Vickery.</p> <p>WH says that draft of the Koala Plan of Management was provided to the Council for review, and Whitehaven provided opportunity for comments. This was part of the conditions of the development consent for the Koala Plan of Management.</p> <p>Whitehaven’s plans were consistent with Gunnedah Council’s official koala strategy.</p> <p>WH clarifies that it is not so much an environmental plan, but rather a plan for koala treatment and population maintenance and management.</p> <p>MS raises KB’s previous note about rumours surrounding the contracts being let. He says that nothing has been let as the team is still constructing the scope of works for the Early Mining project.</p> <p>DS will provide the group with an email address to contact with expressions of interest in Early Mining work. This email address is: VickeryEarlyMining-Procurement@whitehavencoal.com.au</p>	
8	Next Meeting Date	
	<p>DT notes that for CR, for whom he is currently filling in, Wednesdays are not an ideal meeting day due to scheduling conflicts.</p> <p>RH adds that Wednesdays can be challenging for those at Gunnedah Council, as well.</p>	

	<p>RR thanks DT and RH. She suggests that Thursdays might work well as the new regular meeting day.</p> <p>The group is in agreement. There are no major conflicts on Thursdays. The lunch-hour timing will remain.</p> <p>DS and RR agree that the next meeting should occur within the next 3 months.</p> <p>DS says that he will be in touch with RR to discuss options for a specific date.</p> <p>RR thanks everyone for their attendance at the meeting and wishes them well.</p>	<p>DS and RR to decide on a date for the next CCC meeting, held on a Thursday at 12pm.</p>
--	---	--

Project Delivery

CCC Presentation

26 April 2023



Key Update - Vickery

Update on Bulk Earthworks:

- Detailed Design for site Wide Bulk Earthworks for the CHPP and Mine Infrastructure Area completed.

Update on CHPP:

- Coal Preparation Plant is fully engineered.
- Completed Detailed Feasibility Study engineering for the materials handling system (crushing, conveyors, bins and transfers).

Update on MIA:

- Completed Detailed Feasibility Study engineering for the Mine Infrastructure Area (MIA).

Update on Rail:

- Continue with the development of detail design for the Rail.

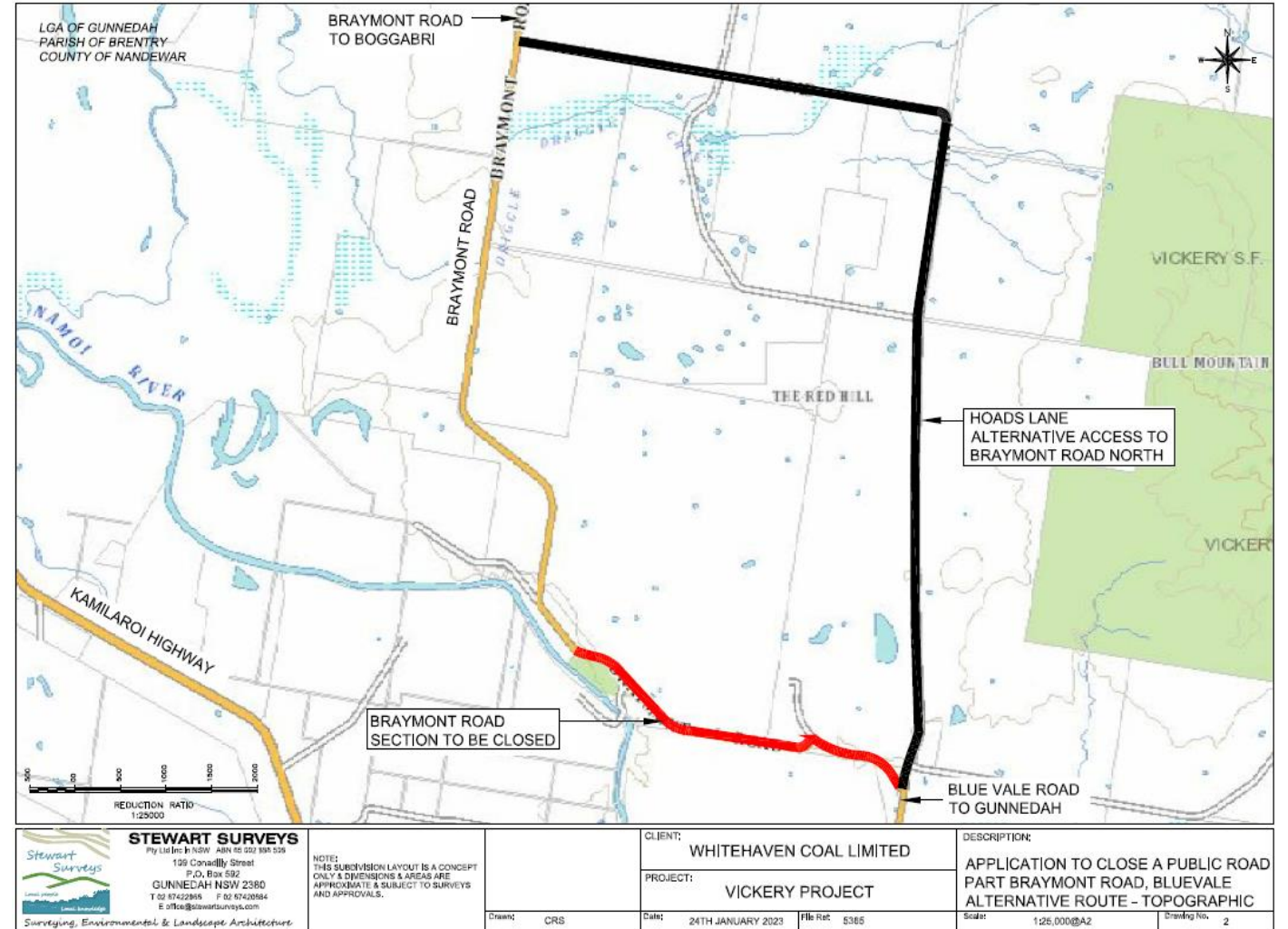
Key Update - Vickery

Approval Conditions:

- Commencement of development occurred on 28 April 2022.
- Preparing application for Mining Lease along the rail alignment.
- Closure for a section of Braymont Rd submitted to council for approval as per the approved EIS.

Onsite Activities:

- Geotechnical investigation works started again.
- RAP salvage works to start in May.
- Removal of redundant electrical services.



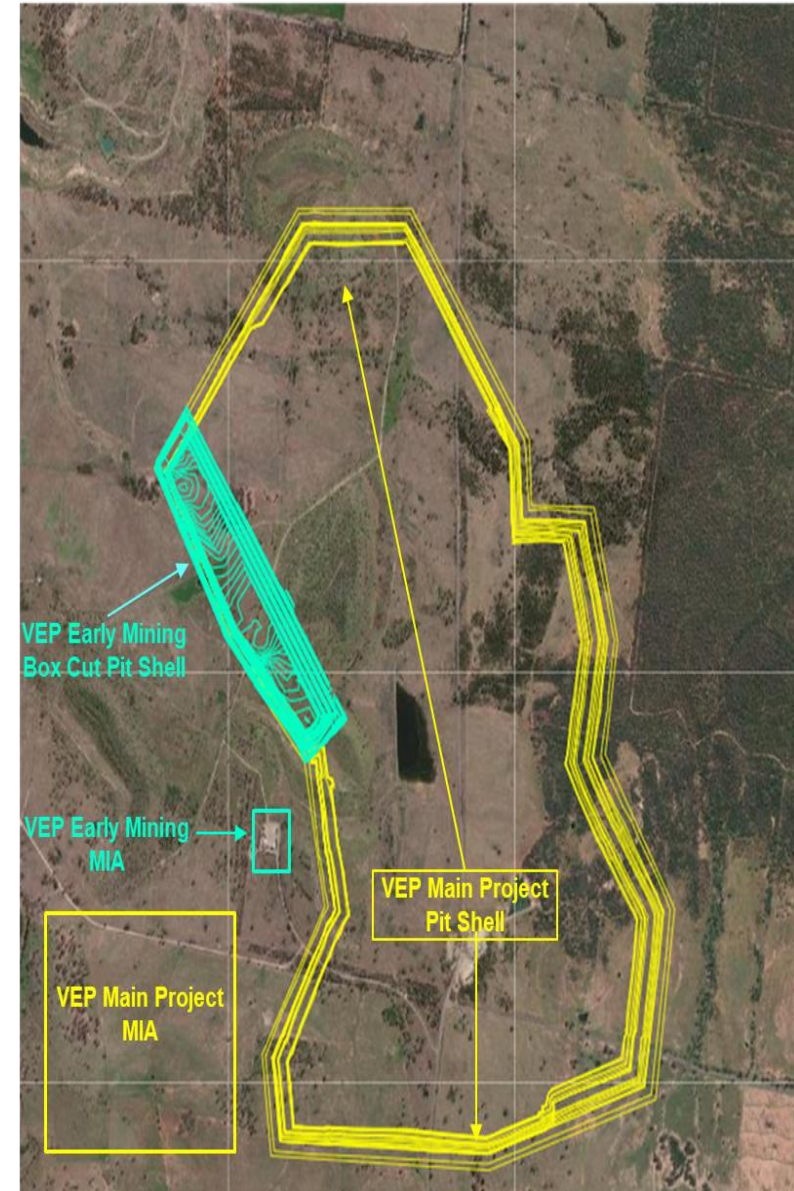
Key Update - Vickery

Early Mining Summary

- Early Mining is development of the VEP Box Cut in line with the mine plan for the VEP Main Project.
- Utilise surplus coal processing capacity at the Gunnedah CHPP as well as existing road haulage, rail and port capacity.
- Construction is expected to commence in June 2023. As Werris Creek winds down in FY24, equipment and people will be available to transfer to Vickery.
- First coal is expected around mid-CY2024. ROM production of around 1.2-1.3 Mtpa ROM (~0.9-1.0 Mtpa sales) is expected.
- Early mining at Vickery is expected to produce a >6400 CV thermal coal with low ash content.

Early Mining Scope

- Establishment of environmental monitoring system and weather stations;
- Initial development of the box cut, establishment of the western emplacement and topsoil stockpiles;
- Upgrades to existing infrastructure & establishment of temporary infrastructure areas & equipment parking areas;
- Establishment of temporary ROM coal stockpile areas and on-site crushing of ROM coal;
- Haulage of coal to the Whitehaven CHPP as per relevant road haulage controls imposed by the SSD Consent;
- Construction of initial site water management system;
- Progressive rehabilitation of disturbed areas.



Thank you



www.whitehavencoal.com.au



Vickery – Canyon Coal Mine

Community Consultative Committee Meeting

April 2023



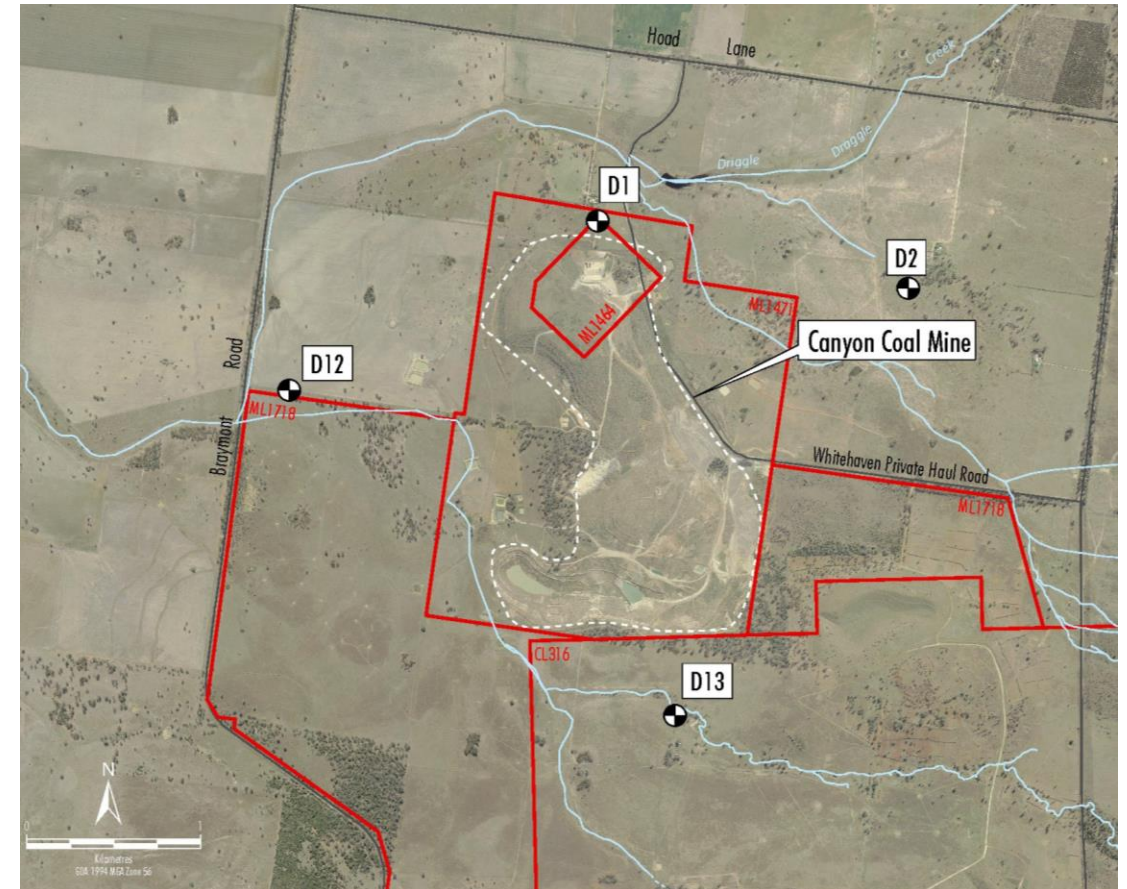
Air Quality

Depositional Dust Monitoring – Background and Performance Monitoring

Depositional Dust (12-month insoluble matter results in g/m ² /month)	
Site	Annual Average
D1	1.11
D2	1.04
D12	4.01
D13	0.78

Dust emissions are not a result of the development.

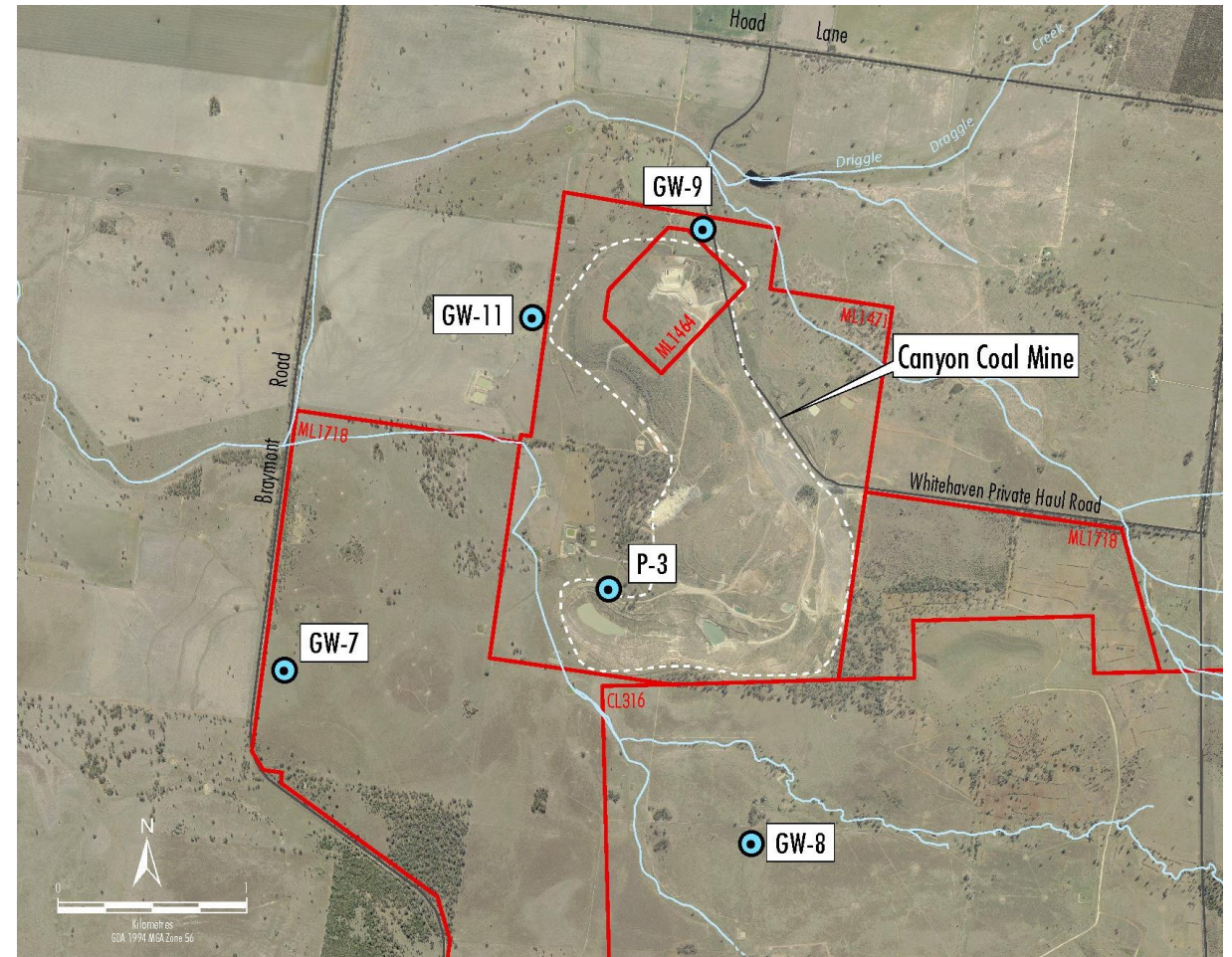
- D12 results affected by bird droppings accumulating in the gauge and adjacent farming activity.
- Data is for information purposes. Dust depositional gauge monitoring will be replaced by monitoring under the VEP Air Quality and Greenhouse Gas Management Plan



Groundwater

Background and Performance Monitoring

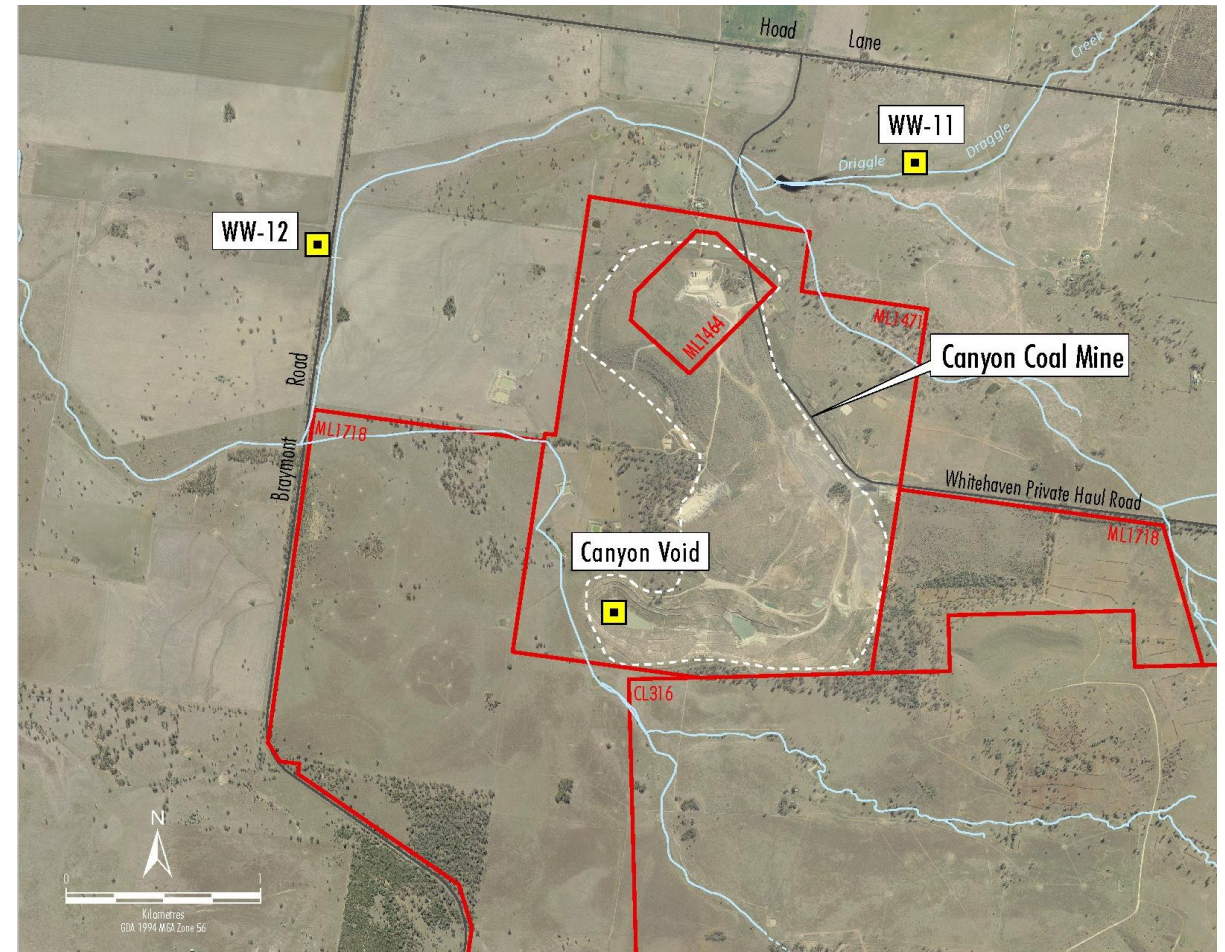
- All sites standing water level monitored approximately every 6 months.
- Sites GW-11 and P-3 have water quality assessed every six months to review temporal trends.
- Groundwater levels have generally remained consistent, except for an increase in level at GW-8, but remains consistent with long-term trends at that site.
- EC and pH were consistent with temporal trends at all sites except P-3 where EC decreased. No oil or grease have been identified in monitoring bores or were below the limit of reporting (<5 mg/L).



Surface Water

Background and Performance Monitoring

- On average, the site received 92 mm of rain each month since the last CCC meeting. The highest rainfall was in September 2022 with 153.4 mm at the site weather station.
- Surface water monitoring undertaken on 7 occasions. Water pH and EC were within ANZG trigger values for ecosystems. TSS varied from approximately 20 to 200mg/L relative to flow.
- Canyon Void water levels and quality are monitored on a 6 monthly basis. Water level and quality is generally consistent since the last CCC meeting.
- Results are for information purposes. Merging of monitoring with Vickery will occur as part of the Vickery Extension Project Water Management Plan.



Complaints


No complaints received


<https://whitehavencoal.com.au/our-business/our-assets/canyon-mine/>

Contacts

Canyon Mine

Contact us via our community hotline or email for more information, to provide feedback or to lodge a complaint.

 1800 WHAVEN (1800 942 836)

 CANYONPROJECT@WHITEHAVENCOAL.COM.AU

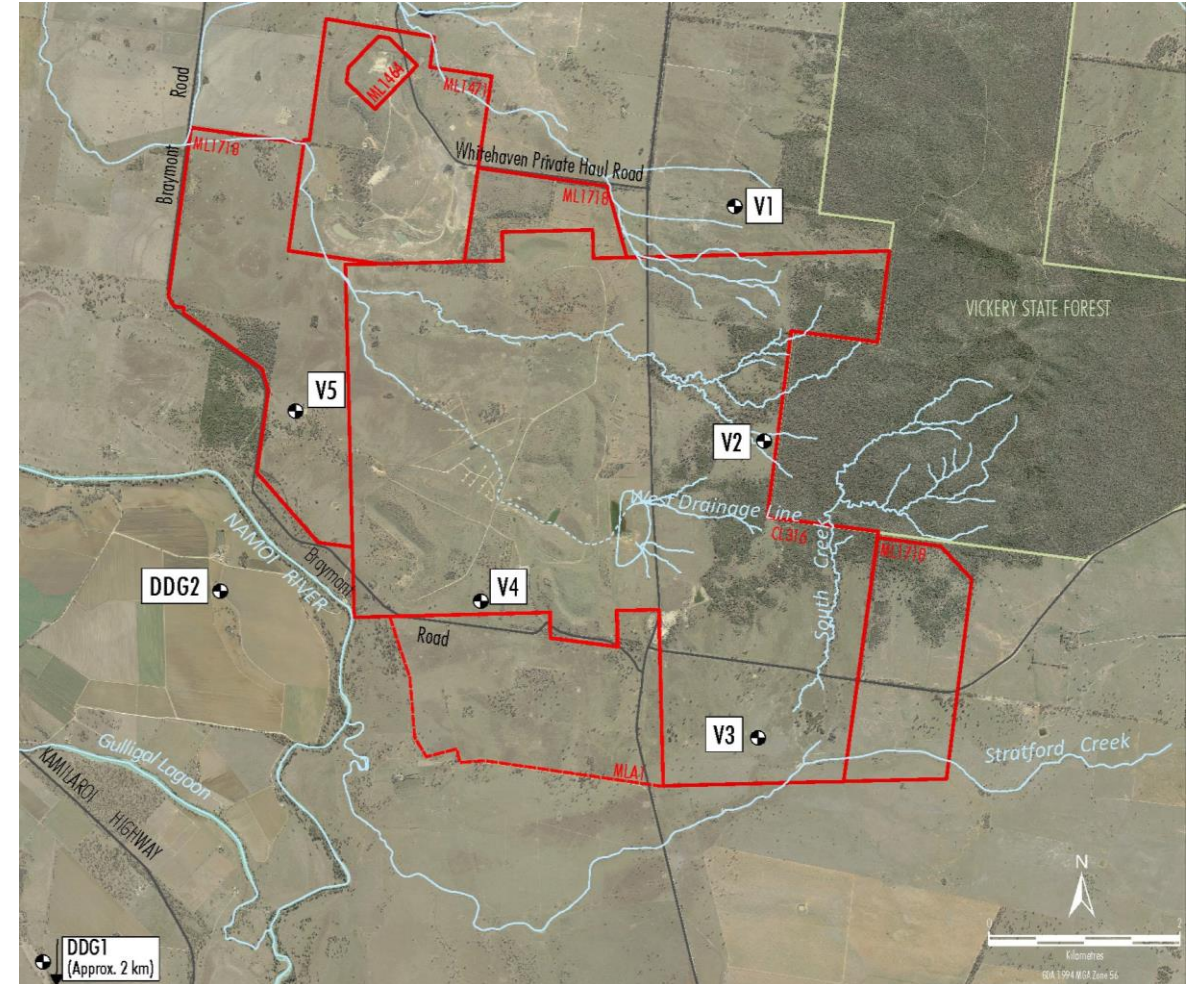
Air Quality

Depositional Dust monitoring - performance and background monitoring

Depositional Dust (12-month insoluble matter results in g/m ² /month)	
Site	Annual Average
DG1	2.91
DG2	2.37
V1	1.53
V2	5.80
V3	3.66
V4	1.47
V5	2.16

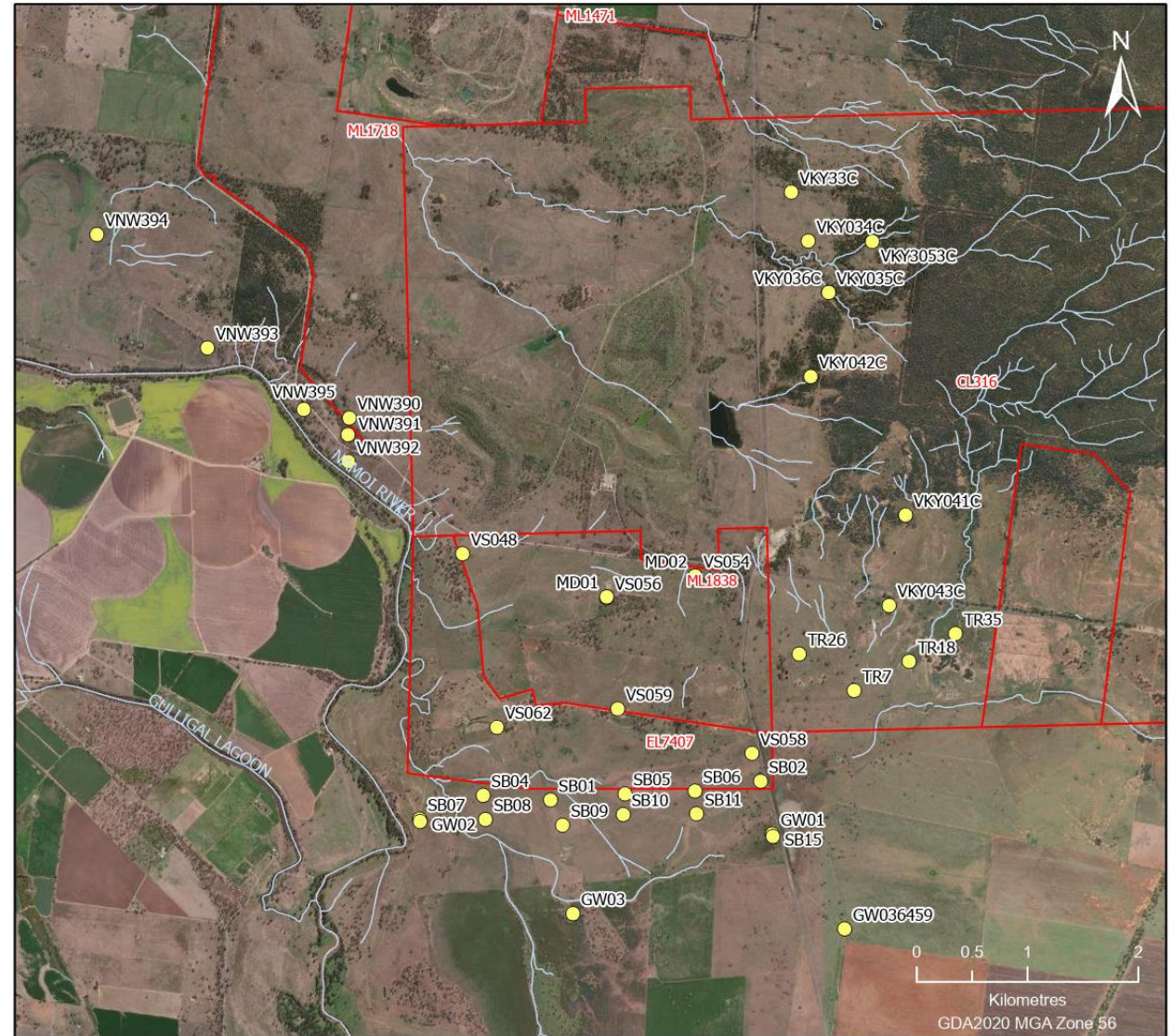
Dust emissions are not a result of the development.

- V2 results affected by insects and plant material accumulating in the gauge.
- Due to flooding DG2 was not accessible for November sampling.
- Data is for information purposes. Dust depositional gauge monitoring will be replaced by monitoring under the VEP Air Quality and Greenhouse Gas Management Plan



Groundwater

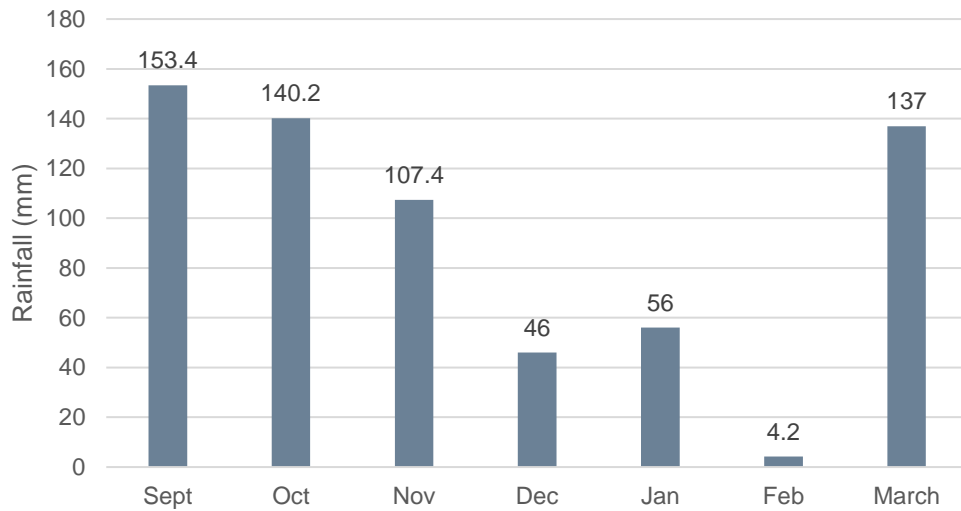
- Groundwater levels at 31 standpipe locations were recorded in April 2022 and December 2022.
- Groundwater levels have increased since the last CCC meeting.



Surface Water

- Surface water flow occurred since the last CCC meeting through a number of rain events.
- Water sampling undertaken in the Namoi River. Surface water monitoring undertaken on 7 occasions. Water pH and EC were within ANZG trigger values for ecosystems. TSS varied dependent on rain events.
- Results are for information purposes. Consolidation of monitoring with Vickery will occur as part of the Vickery Extension Project Water Management Plan.

Rainfall - September 2022 to March 2023



Complaints

No complaints received.


<https://whitehavencoal.com.au/our-business/our-assets/vickery-extension-project/>

Contacts

Vickery Extension Project

Contact us via email or our community hotline for more information, to provide feedback or to lodge a complaint.

 1800 WHAVEN (1800 942 836)

 VICKERYFEEDBACK@WHITEHAVENCOAL.COM.AU

ALL CONTACTS →

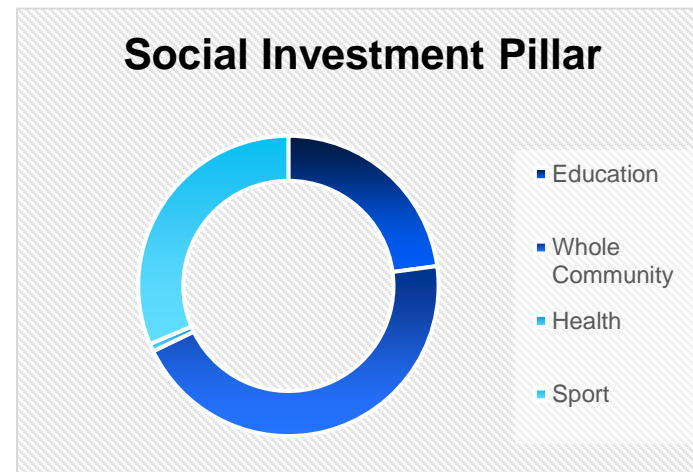
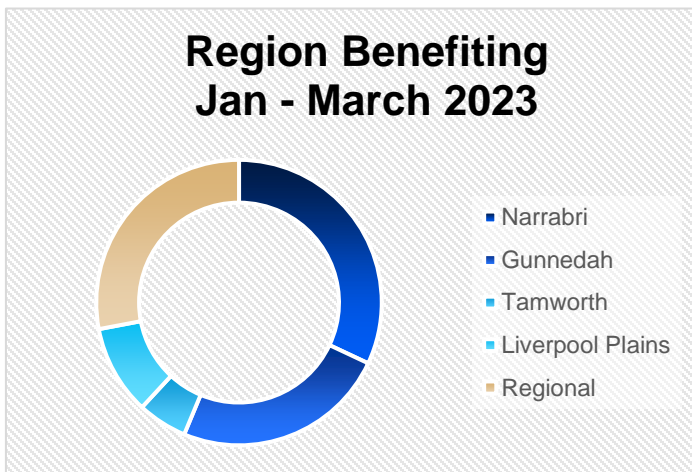
Approvals summary

- Water Management Plan and Social Impact Management Plan progressing. Response prepared to DPE feedback.
- An Independent Environmental Audit will be undertaken in coming months required by the VEP consent.
- Submission of the Annual Reviews occurred for Vickery and Canyon end February 2023.
- Approval of EMP's.

Management Plans/Strategies	Status
Environmental Management Strategy	Approved
Historic Heritage Management Plan	Approved
Blast Management Plan	Approved
Waste Management Plan	Approved
Aboriginal Cultural Heritage Management Plan	Approved
Bushfire Management Plan	Approved
Koala Plan of Management	Approved
Air Quality & Greenhouse Gas Management Plan	Approved
Noise Management Plan	Approved
Traffic Management Plan	Approved
Biodiversity Management Plan	Approved
Water Management Plan	DPE feedback
Social Impact Management Plan	DPE feedback

Community

- Whitehaven continues to support the local Community with donations and sponsorships.
- More information on Sponsorships and Donations can be found at:
 - <https://whitehavencoal.com.au/sustainability/community/donations-sponsorships/>
- Donations for Jan – March 2022 over \$\$177,000 spent in the local community.
- Some highlights – CAN Assist, Little Wings partnership, Westpac Rescue Helicopter, Maules Creek Camp Draft, Gunnedah Scholarship Fund, Gunnedah South School refurb outdoor area, Tamworth Science and Engineering Challenge, Namoi Women’s shed toilet, Narrabri Show, Boggabri Rugby league club, Quirindi Rural Heritage Village, North West Cow Horse,



Vickery Construction and Operation Social Impact Management Plan (SIMP)

- Draft Social Impact Management Plan has been reviewed by DPE who have asked for further information. This will be provided along with a revised SIMP that accounts for the Project going into the Operational phase. This will be recirculated with the CCC members for comments regarding the Operational phase of the Project.
- It is intended that SMEC would carryout the consultation as they did during the last round.

Thank you

www.whitehavencoal.com.au



**Whitehaven Vickery Extension Project
Community Consultative Committee**

Date: 3 August 2023, 12 pm – 12:45pm

Location: Whitehaven Gunnedah Office Boardroom and Zoom

Attendees	
<p>Community Members</p> <p>Keith Blanch (KB) Community Representative Grant McIlveen (GM) Community Representative Cr Colleen Fuller (CF) - Gunnedah Shire Council</p> <p>Gunnedah Shire Council</p> <p>Wade Hudson (WH) - Gunnedah Shire Council Bhavika Khot (BK) – Gunnedah Shire Council</p>	<p>Whitehaven Coal</p> <p>Megan Martin (MM) Whitehaven Coal Jabin De Keizer (JDK) Whitehaven Coal Darren Swain (DS) Whitehaven Coal Mark Stevens (MS) Whitehaven Coal</p> <p>Independent Chairperson</p> <p>Professor Roberta Ryan (RR)</p> <p>Minute taker</p> <p>Isa Crossland Stone (ICS)</p>
<p>Apologies</p> <p>Ron Fuller (RF) Community Representative Barry Thompson (BT) – Community Representative Donna Ausling (DA) - Narrabri Shire Council Michelle Henry (MH) - Narrabri Shire Council Cr Cathy Redding (CR) - Narrabri Shire Council Cr Darrell Tiemens (DT) - Narrabri Shire Council Cr Rob Hooke (RH) – Gunnedah Shire Council</p>	

Item	Description	Action
1	Welcome and introductions	
	<p>RR introduces herself as chair of the CCC</p> <p>RR welcomes the attendees to the Whitehaven Vickery Extension Project CCC meeting.</p> <p>MM introduces herself; she is the Environmental Superintendent for Whitehaven and the Vickery project. superintendent for Whitehaven – including Vickery extension project.</p> <p>DS introduces himself; he is the General Manager Community Engagement for Whitehaven.</p> <p>JDK introduces himself; he is Community Relations Manager for Whitehaven.</p> <p>MS introduces himself; he is the Executive General Manager - Project Delivery at Whitehaven.</p> <p>CF introduces herself; she is the alternate delegate from Gunnedah Shire Council and is attending in the absence of RF who is an apology.</p> <p>GM introduces himself; he is a community representative.</p> <p>KB introduces himself; he is a community representative.</p> <p>WH introduces himself; he is from Gunnedah Shire Council.</p> <p>WH introduces BK to the group. She is a new town planner at Gunnedah Shire Council.</p>	
2	Confirmation of previous minutes	
	<p>GM and KB confirm the previous minutes as an accurate reflection of the meeting.</p>	
3	Declaration and Interests - RR	
	<p>RR asks for any conflicts of interest, pecuniary or no pecuniary, to be declared either in this meeting or offline.</p> <p>No declarations are made.</p>	
4	Introductions to the new Vickery team	
	<p>DS introduces the new Whitehaven attendees formally to the group.</p> <p>DS introduces JDK; he joined Whitehaven last week as the Community Relations Manager and will be working with the Vickery project team. He will attend these meetings regularly.</p>	

	<p>DS introduces MM; she is the environmental superintendent for the Vickery project on the Operations team.</p> <p>DS says that the Operations team will increasingly be part of this group, as the mine gets up and running.</p>	
4	Actions arising from previous minutes - RR	
	<p>SM to update the CCC on Whitehaven’s plans to develop an alternate route on Braymont Road.</p> <p>In SM’s absence, DS answers on behalf of Whitehaven. He says that there is no final decision on this matter. He will report back at the next meeting.</p> <p>RR notes that DA was going to present on Narrabri Council’s zoning plans but is an apology. This presentation will be carried over to the next meeting.</p> <p>DS notes that Whitehaven has been working with the Gunnedah Council on DAs for developing some houses in Gunnedah and are also working with Narrabri Shire.</p> <p>Regarding road access in the closure of a section of the Braymont Road that usually gives access to the TSR, WH confirms that the Council has received an application for that road closure.</p> <p>WH says that the infrastructure team has indicated that the access from the North is deemed to be acceptable in accordance with the relevant standard. This means that there will be no requirement for an access road from the South to the TSR in question.</p> <p>KB asked about the details of this access to the TSR from Braymont Road.</p> <p>WH says that Whitehaven was looking at creating a carriageway to allow easier stock travel during the road closure.</p> <p>DS says that they are still planning to provide this access.</p> <p>GM says that this is correct. There is access to drive there, and the way will be fenced and gated.</p>	<p>DS to report to the CCC on Whitehaven’s plans to develop an alternate route on Braymont Road.</p> <p>DA to present on Narrabri Council’s zoning plans (carried over from the last meeting).</p>
5	Canyon and Vickery Environmental Report - MM	
	<p>MM shares a presentation on the Canyon and Vickery Environmental report.</p> <p>MM’s presentation is part of Whitehaven’s larger</p>	

	<p>presentation, which will be attached to the minutes in PDF format.</p> <p>The presentation refers to TSS, which MM explains is 'total suspended solids' or turbidity.</p> <p>MM explains that a 'TEOM' is a dust monitoring unit. It only allows certain particle sizes through and 'weighs' the mass to give a measurement of the dust in the air.</p> <p>DS discusses the feedback from the Social Impact Assessment which is now required to be updated. He says that Whitehaven is finalising feedback from stakeholders, and it will then be provided to DPE.</p> <p>KB asks about the detour dust meter which site just off Braymont Road. This is a very busy road currently.</p> <p>Regarding the bushfire management plan which has been approved, KB asks if there will be any risk prevention methods applied on the boundaries between the fuel farm and surrounding properties.</p> <p>MM says that she is not intimately acquainted with the strategies involved in the bushfire management plan, but she says that the plan will contain these details. She is happy to follow this up and provide more details at the next CCC meeting.</p> <p>GM asks about the two sites where noise meters are intended to be placed.</p> <p>MM indicates the general two locations on a map. They are both located in the South; one is near the river, and the other is near the highway.</p>	<p>The management plan can be found on Whitehaven website under Environmental Management Plans https://whitehavencoal.com.au/our-business/our-assets/vickery-extension-project/</p> <p>MM is to provide a brief summary of the fire management strategies contained in the Bushfire management plan at the next CCC meeting.</p>
--	---	---

6	Project Update - MS	
	<p>MS shares the key project updates. MS' presentation is attached to the minutes.</p> <p>RR thanked MS for his presentation. She asks the group to share any questions on early mining. There are none.</p>	
7	Community Update - DS	
	<p>DS' presentation will be attached to the minutes in PDF format.</p> <p>GM asks whether Narrabri has received its funding of \$3.2 million, as outlined in DS' presentation.</p> <p>DS says that they have.</p>	

	<p>GM says that Narrabri Shire Council committed approximately \$800,000 to an aged care facility in Boggabri.</p> <p>It seems that this donation has not been followed through. This is concerning, as the Boggabri community has been impacted significantly by mining projects, wherein property rates have increased significantly.</p> <p>DS explains that Whitehaven’s Environmental Impact statement (EIS) proposed a number of projects to which the Narrabri Shire Council might allocate some funding. This project approval was provided.</p> <p>DS explains that if within a 6-month period, the Council had not agreed to these proposed projects, the Council received this amount (\$3.2 million) even though the proposed projects may not be carried forward.</p> <p>DS has heard that as part of their project approvals, Boggabri Coal is required to build several houses. In place of this commitment, DS believes that Boggabri Coal has committed to funding the development of Glentarkie Aged Care home.</p> <p>RR will follow this up with Narrabri Shire Council.</p>	<p>RR to follow up with Narrabri Council regarding their previous commitment of \$800,000 to the Glentarkie aged care home.</p>
	<p>Next Steps – MS</p>	
	<p>MS says that when the EPL comes into place, there will be a lot more visible activity on the mine.</p> <p>They have recently had the EBA agreement signed off on by the Fair Work Commission. There are still many jobs to be filled for the Vickey Extension project.</p> <p>GM asks MS if the mining is still due to begin in October.</p> <p>MS says yes. There is still one point of the EPL to be signed off on. Following this, there will be a few months to construct the water management system. He says that mining should begin either in late October or early November.</p>	
	<p>General Business - RR</p>	
	<p>RR invites attendees to ask any questions or share comments.</p> <p>CF thanks Whitehaven for its provision of grant funding. She says that it has benefitted many specific organisations across the region that would otherwise not have received</p>	

	such support. As a result, she says that it has benefitted the community broadly.	
	Next Meeting - RR	
	<p>RR asked the group for suggestions about meeting timing.</p> <p>MS suggests the first week of November, as there will be more to report on when mining works have begun.</p> <p>RR suggests Thursday, November 9. The group is agreeable.</p> <p>ICS will send a calendar hold.</p> <p>RR thanks the attendees for their presence at the meeting. She wishes them well.</p>	<p>ICS to schedule the next CCC meeting for Thursday, November 9 at 12pm.</p>

Vickery Coal Mine

Community Consultative Committee Meeting

3 August 2023



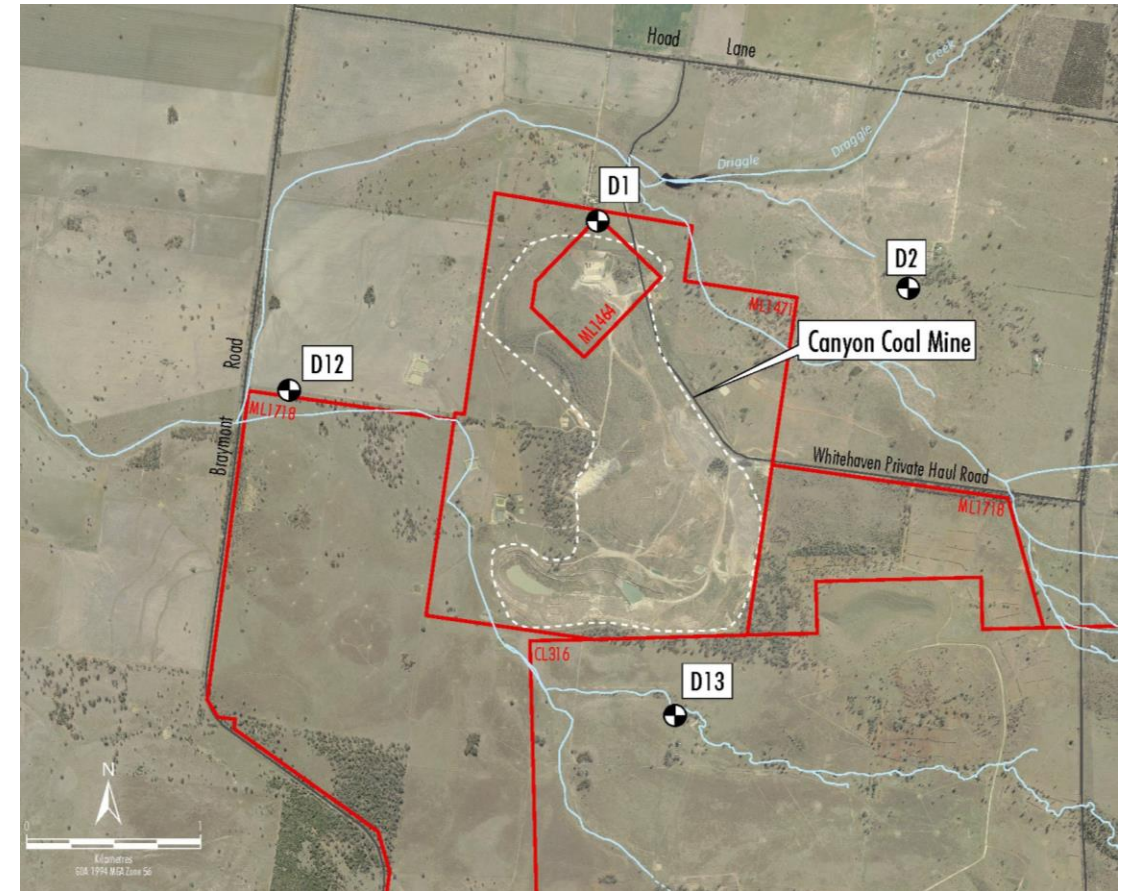
Canyon - Air Quality

Depositional Dust Monitoring – Background and Performance Monitoring

Depositional Dust (12-month insoluble matter results in g/m ² /month)	
Site	Annual Average
D1	0.68
D2	0.59
D12	1.59
D13	0.34

Dust emissions are not a result of the development.

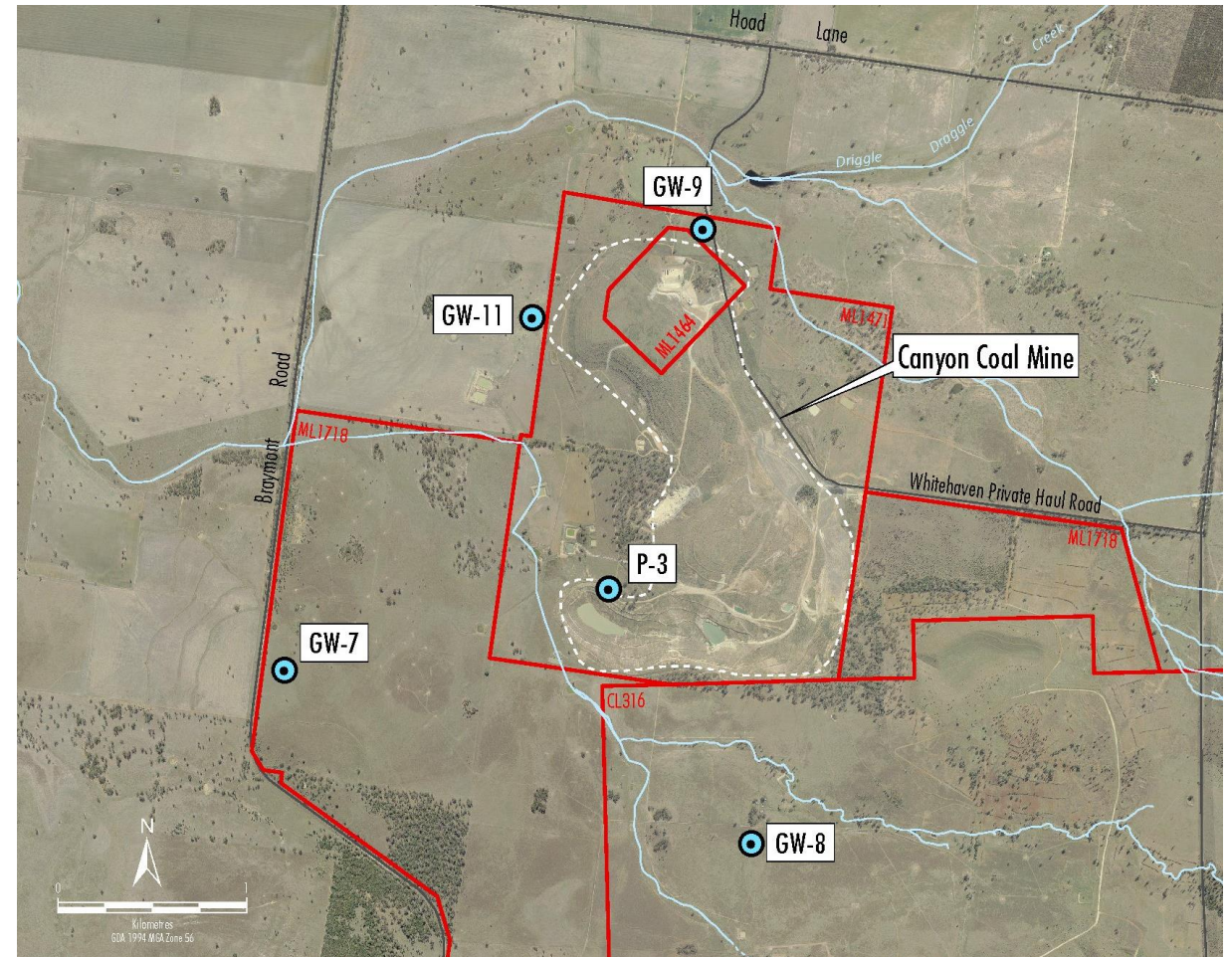
- D12 results affected by bird droppings accumulating in the gauge and adjacent farming activity.
- Data is for information purposes. Dust depositional gauge monitoring will be replaced by monitoring under the VEP Air Quality and Greenhouse Gas Management Plan



Canyon - Groundwater

Background and Performance Monitoring

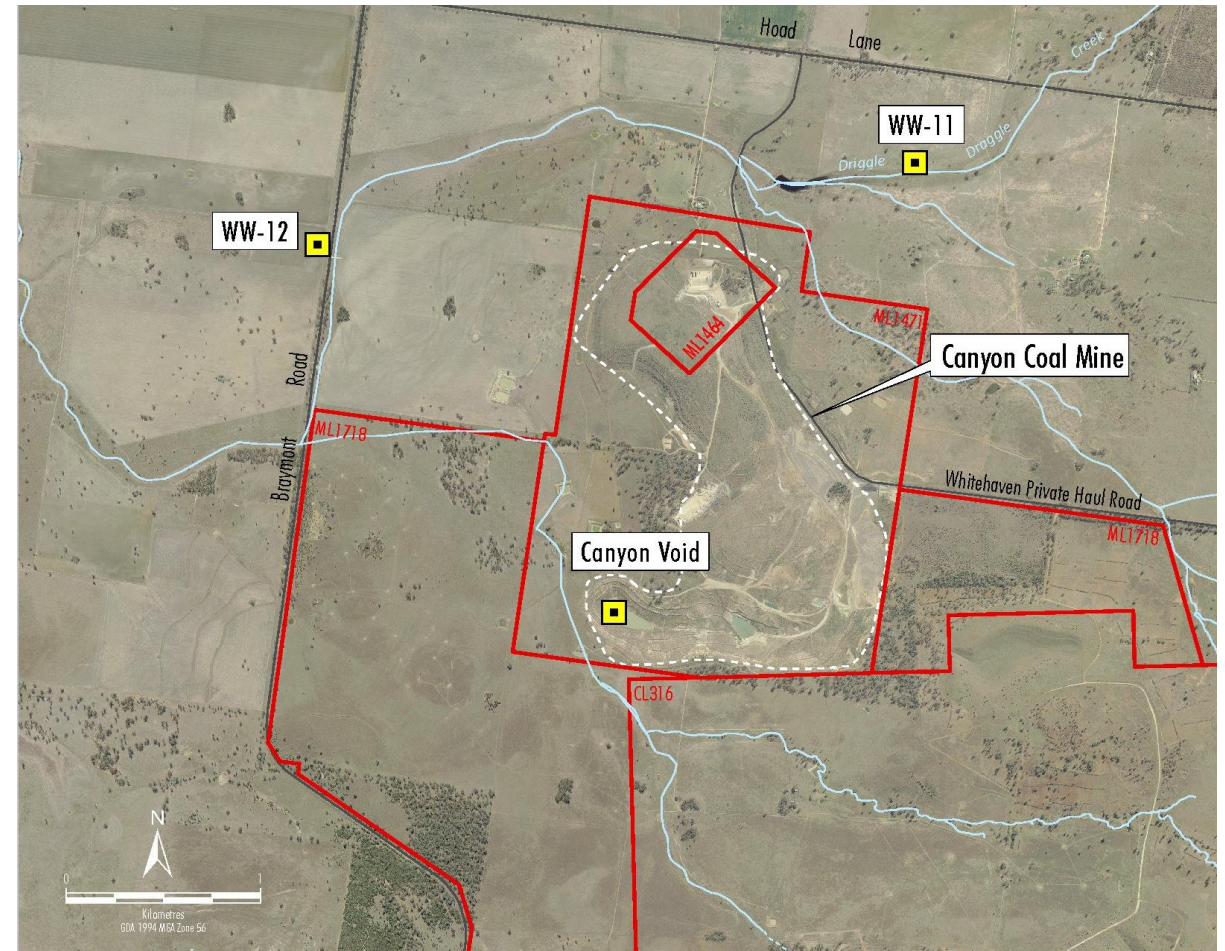
- All sites standing water level monitored approximately every 6 months.
- Sites GW-11 and P-3 have water quality assessed every six months to review temporal trends.
- Groundwater levels have generally remained consistent, except for an increase in level at GW-8, but remains consistent with long-term trends at that site.
- EC and pH were consistent with temporal trends at all sites except P-3 where EC decreased. No oil or grease have been identified in monitoring bores or were below the limit of reporting (<5 mg/L).



Canyon - Surface Water

Background and Performance Monitoring

- On average, the site received 809.8 mm of rain on the last 12 months. The highest rainfall was in September 2022 with 153.4 mm at the site weather station.
- Surface water monitoring undertaken on 7 occasions. Water pH and EC were within ANZG trigger values for ecosystems. TSS varied from approximately 20 to 200mg/L relative to flow.
- Canyon Void water levels and quality are monitored on a 6 monthly basis. Water level and quality is generally consistent since the last CCC meeting.
- Results are for information purposes. Merging of monitoring with Vickery will occur as part of the Vickery Extension Project Water Management Plan.



Complaints


No complaints received


<https://whitehavencoal.com.au/our-business/our-assets/canyon-mine/>

Contacts

Canyon Mine

Contact us via our community hotline or email for more information, to provide feedback or to lodge a complaint.

 1800 WHAVEN (1800 942 836)

 CANYONPROJECT@WHITEHAVENCOAL.COM.AU

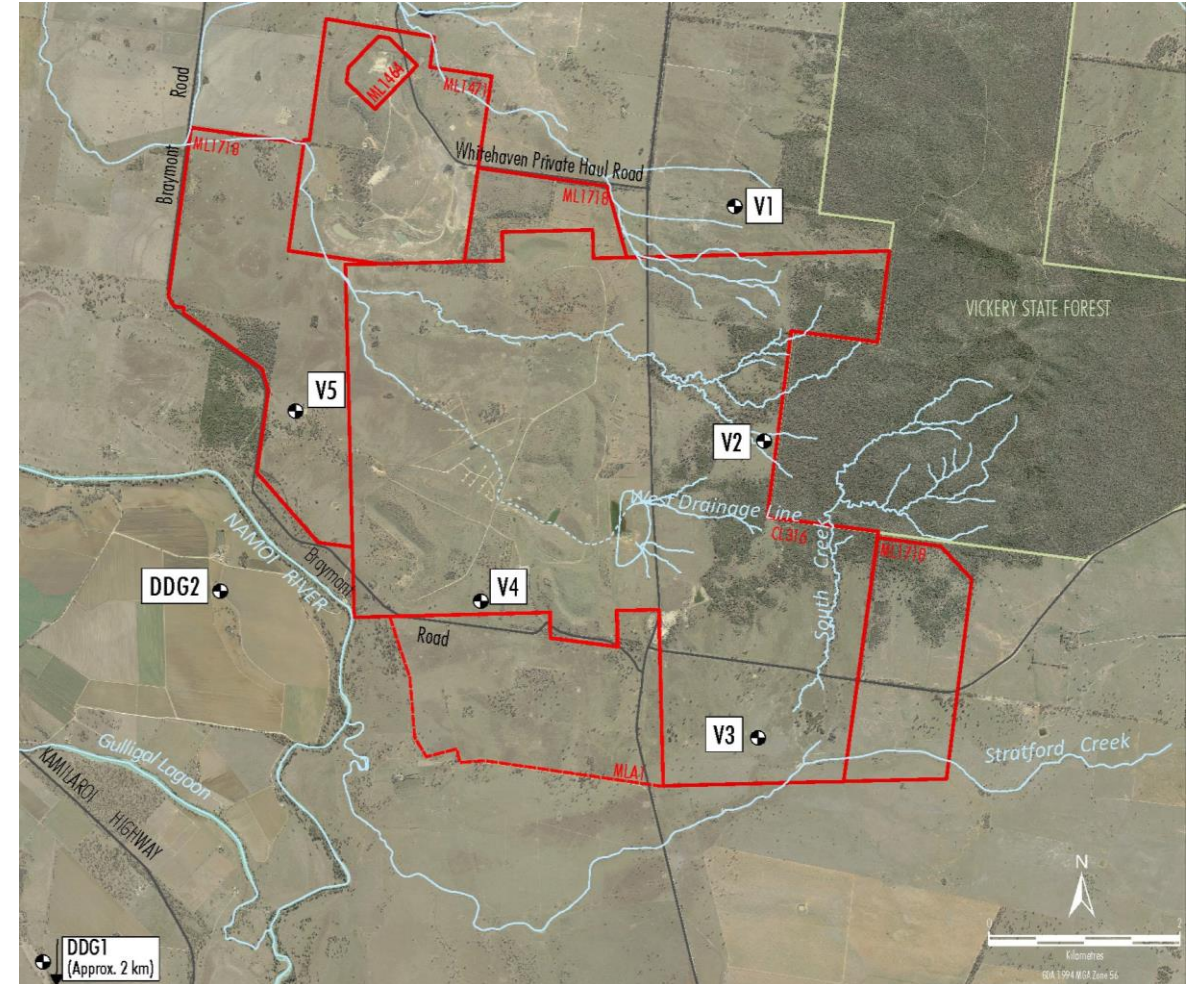
Vickery - Air Quality

Depositional Dust monitoring - performance and background monitoring

Depositional Dust (12-month insoluble matter results in g/m ² /month)	
Site	Annual Average
DG1	0.89
DG2	0.62
V1	0.54
V2	5.14
V3	2.08
V4	0.87
V5	0.85

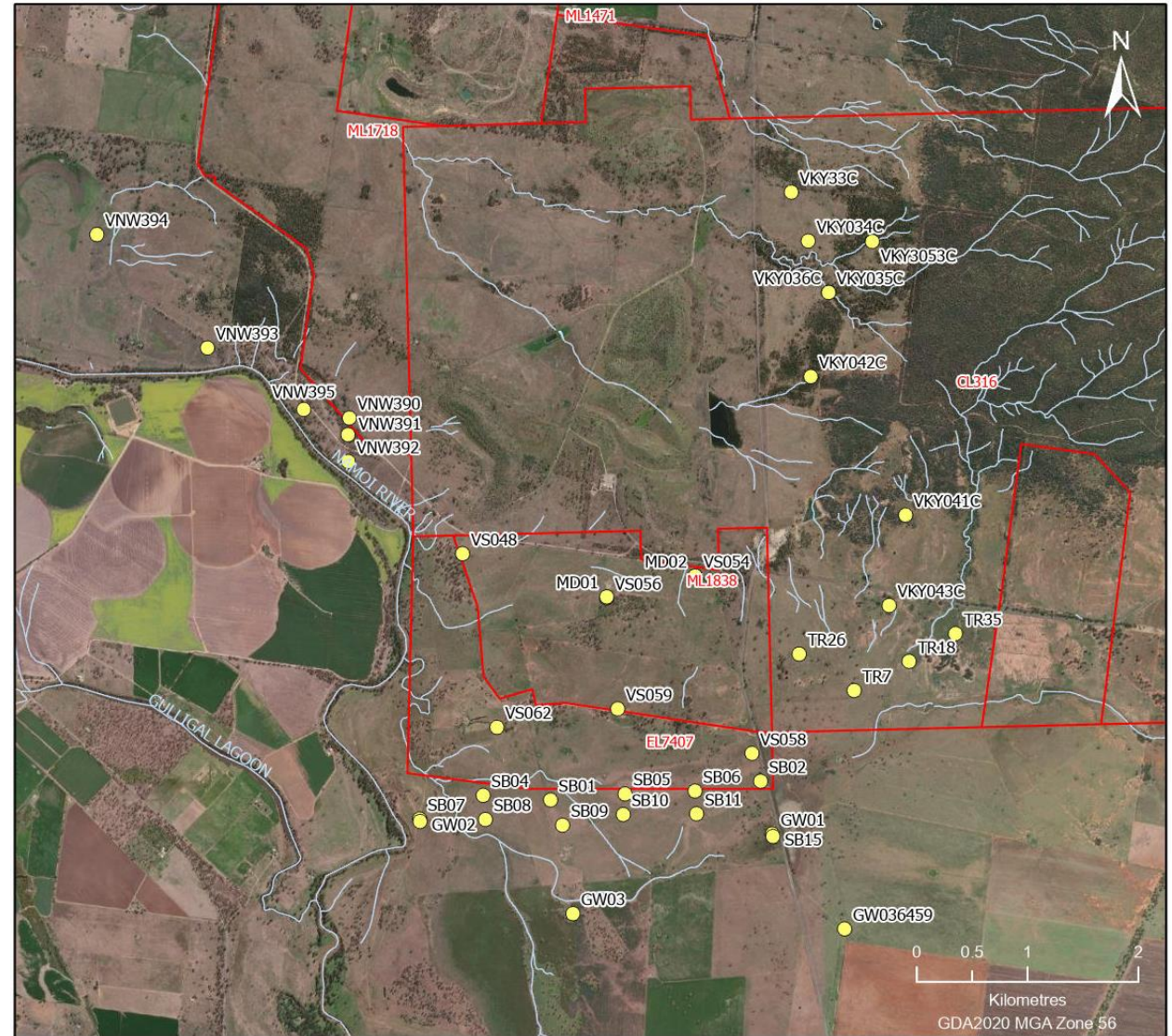
Dust emissions are not a result of the development.

- V2 results affected by insects and plant material accumulating in the gauge.
- Due to flooding DG2 was not accessible for November sampling.
- Data is for information purposes. Dust depositional gauge monitoring will be replaced by monitoring under the VEP Air Quality and Greenhouse Gas Management Plan



Vickery - Groundwater

- Groundwater levels at 31 standpipe locations were recorded in May 2023 and June 2023.
- Groundwater levels have increased since the last CCC meeting.



Vickery - Surface Water

- Water sampling undertaken in Driggle Draggie Creek and Namoi river on a couple of occasions since the last CCC meeting. Water pH and EC were within ANZG trigger values for ecosystems. TSS varied dependent on rain events.
- Results are for information purposes. Consolidation of monitoring with Vickery will occur as part of the Vickery Extension Project Water Management Plan.

	Jan	Feb	Mar	Apr	May	June
Monthly Rain (mm)	56	4.2	137	24.8	0	31.6
Cumulative Rain (mm)	56	60.2	141.2	222	222	253.6



Vickery – Q3 - Environmental

Q3 Summary:

Installation of environmental monitoring equipment:

- Weather station
- TEOMs
- Noise

Archaeological inspections

Ecological inspection pre-clearing



Complaints


No complaints received.


<https://whitehavencoal.com.au/our-business/our-assets/vickery-extension-project/>

Contacts

Vickery Extension Project

Contact us via email or our community hotline for more information, to provide feedback or to lodge a complaint.

 1800 WHAVEN (1800 942 836)

 VICKERYFEEDBACK@WHITEHAVENCOAL.COM.AU

ALL CONTACTS →

Approvals summary

- The Vickery Extension Project development consent (SSD 748) requires surrender of the former Vickery Coal Project (SSD 5000), and Canyon Coal Mine (DA 8-1-2005) consents. Both consents were surrendered on 27 April 2023.
- Water Management Plan is currently under assessment and Social Impact Management Plan progressing - DPE feedback.
- An Independent Environmental Audit was undertaken in June required by the VEP consent.
- Submission of the Annual Reviews occurred for Vickery and Canyon at the end of February 2023. They are available on the Whitehaven Coal Website.
- Approval of EMP's.

Management Plans/Strategies	Status
Environmental Management Strategy	Approved
Historic Heritage Management Plan	Approved
Blast Management Plan	Approved
Waste Management Plan	Approved
Aboriginal Cultural Heritage Management Plan	Approved
Bushfire Management Plan	Approved
Koala Plan of Management	Approved
Air Quality & Greenhouse Gas Management Plan	Approved
Noise Management Plan	Approved
Traffic Management Plan	Approved
Biodiversity Management Plan	Approved
Water Management Plan	Under assessment
Social Impact Management Plan	DPE feedback

Project Delivery

Vickery CCC Presentation

03 August 2023



Key Update - Vickery

Update on Bulk Earthworks:

- Detailed Design for site Wide Bulk Earthworks for the Coal Handling and Processing Plant (CHPP) and Mine Infrastructure Area (MIA) completed.

Update on CHPP:

- Coal Preparation Plant is fully engineered.
- Completed Detailed Feasibility Study engineering for the materials handling system (crushing, conveyors, bins and transfers).

Update on MIA:

- Completed Detailed Feasibility Study engineering for the MIA.

Update on Rail:

- Completed Detailed Feasibility Study engineering for the Rail.

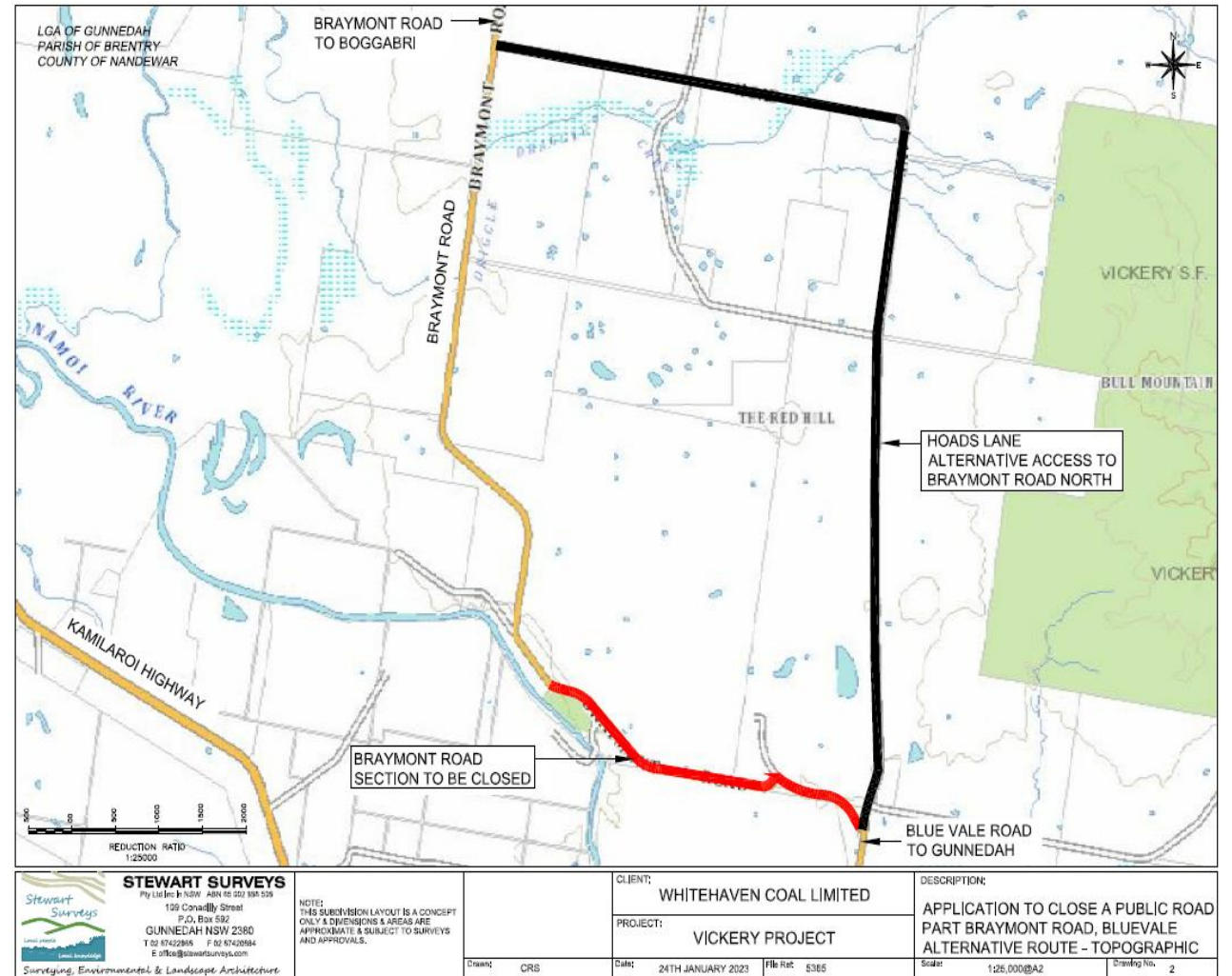
Key Update - Vickery

Approval Conditions:

- Commencement of development occurred on 28 April 2022.
- Commencement of construction occurred on 08 May 2023.
- Submission of application for Mining Lease along the rail alignment.
- Closure for a section of Braymont Rd has been supported by Gunnedah council as per the approved Environmental Impact Statement (EIS). Gunnedah Shire Council (GSC) have advertised the proposed closure per standard process, and if no submissions are received will be in a position to finalise the closure.
- Submission of Modification 1 which includes the following:
 - Disposal of tyres as per all other mines;
 - Extended haulage hours consistent with those proposed for the Tarrawonga Coal Mine;
 - Establishment of a batching plant and storage.

Onsite Activities:

- Geotechnical investigation ongoing.
- RAP salvage works completed.
- Removal of redundant electrical services completed.



Key Update - Vickery

Health, Safety, Environment and Community

Approvals:

- Application submitted from Environmental Protection License (EPL) variation for early mining activities.
- Application submitted for amended Water Management Plan and Rehabilitation Strategy for early mining activities.
- Statutory notifications for commencement of mining and mining operator have been completed and submitted to the regulator.
- Both milestone payments have been made to Gunnedah council in Nov 20 and May 23 (\$500k + \$500k).

Safety:

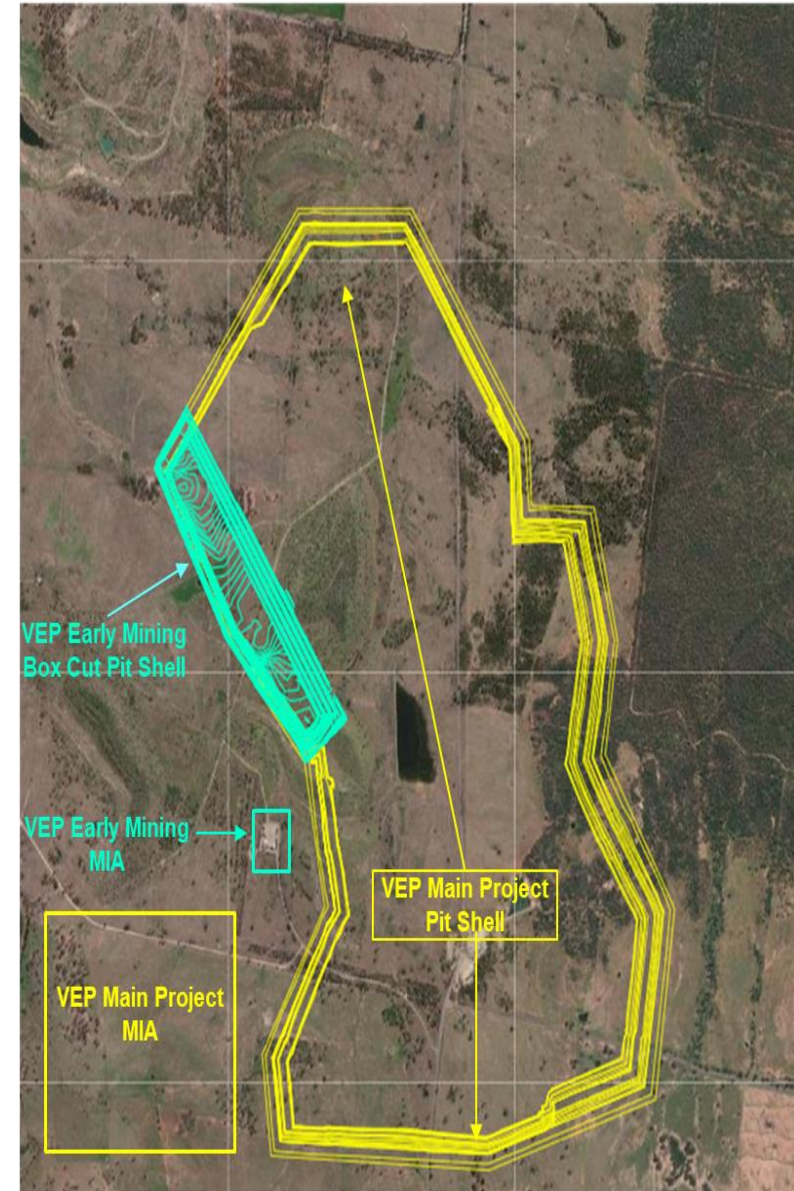
- No safety issues / incidents for this period (April to July 2023).

Environmental:

- No environmental complaints / issues / incidents for this period (April to July 2023).
- Environmental Monitoring Systems for early mining - Weather Station, Noise monitoring and Dust monitors is online.

Community:

- No complaints / issues / incidents for this period (April to July 2023).



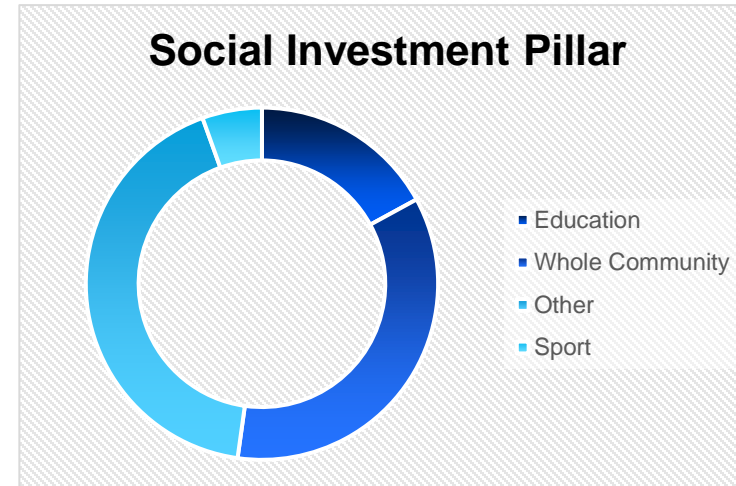
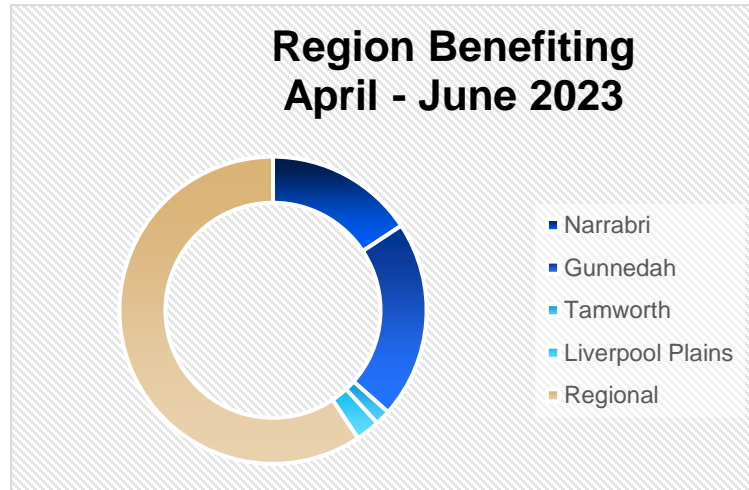
Key Update - Vickery

Construction:

- Undertaking an audit and compliance checks for local contractors is nearing completion, in line with the site familiarisation in anticipation of construction commencement in the coming weeks.
- There are a number of tenders out at the moment ranging from temporary offices, various support equipment and civil / earthworks. Approximate value around \$40M.
- Once final approval in place, work will start in the following areas:
 - Survey of site;
 - Sediment and erosion control;
 - Strip topsoil in Mining Infrastructure Area and Build Pad areas;
 - Cut and Fill MIA, Build Pad and Roads;
 - Gravel and Compact MIA, Build Pad and Roads.

Community

- Donations for April – June 2023 over \$385,378.63 spent in the local community.
- Some highlights – Narrabri community radio, Science and Engineering challenge, Walhallow School Health and Nutrition Program, Wee Waa Community Band, PCYC Gunnedah and Narrabri classes and outreach program, Boggabri Public School donation of Laptops and charging stations, Eulah Creek annual vintage machinery day and camp oven cook off, Lions Club of Werris Creek to purchase a BBQ van, Werris Creek swimming club with lane splitters, Narrabri Dolphins water polo club, Children’s medical research Quirindi, Gunnedah Gala Dinner and Gunnedah High school.



Thank you



www.whitehavencoal.com.au



**)Whitehaven Vickery Extension Project
Community Consultative Committee**

Date: 9 November 2023, 12 pm – 12:45pm

Location: Whitehaven Gunnedah Office Boardroom and Zoom

Attendees	
Community Members Grant McIlveen (GM) Community Representative Cr Colleen Fuller (CF) - Gunnedah Shire Council	Whitehaven Coal Megan Martin (MM) - Whitehaven Coal Jabin De Keizer (JDK) - Whitehaven Coal Darren Swain (DSw) - Whitehaven Coal Tony Dwyer (TD) - Whitehaven Coal Matt Sparkes (MS) - Whitehaven Coal Dean Scott (DS) -Whitehaven Coal
Gunnedah Shire Council Wade Hudson (WH) - Gunnedah Shire Council Cr Rob Hooke (RH) – Gunnedah Shire Council Zac Thompkin (ZT) – Gunnedah Shire Council	Independent Chairperson Professor Roberta Ryan (RR) Minute taker Isa Crossland Stone (ICS)
Apologies Donna Ausling (DA) - Narrabri Shire Council Michelle Henry (MH) - Narrabri Shire Council Cr Cathy Redding (CR) - Narrabri Shire Council Cr Darrell Tiemens (DT) - Narrabri Shire Council Ron Fuller (RF) Community Representative Barry Thompson (BT) – Community Representative Keith Blanch (KB) - Community Representative	

Item	Description	Action
1	Welcome and introductions	
	<p>RR introduces herself and welcomes the attendees to the last Whitehaven Vickery CCC meeting of 2023.</p> <p>RR notes that all representatives from Narrabri Shire Council are apologies today.</p>	
2	Confirmation of previous minutes	
	CF and GM endorse the previous minutes.	
3	Declaration of Interests - RR	
	There are no declarations to be made today.	
4	Introductions to the new Vickery team	
	<p>DS says that as the Vickery Project is now entering the operations phase, Whitehaven presence at these meetings will shift accordingly.</p> <p>He introduces MS, TD and DS to the group.</p> <p>TD will only attend periodically to provide further detail on Approvals.</p> <p>DS is General Manager Open Cuts including Vickery.</p> <p>MS is Operations Manager for Vickery.</p>	
4	Actions arising from previous minutes - RR	
	<p>1. DS to report to the CCC on Whitehaven's plans to develop an alternative route on Braymont Road</p> <p>TD says that the company made an application to close this section of Braymont Road. The application was exhibited by the council, and Whitehaven has responded to community submissions on the application.</p> <p>TD says that there is an outstanding objection from Local Land Services, who would like some more detail on the TSLR route being proposed by the company to replace the current road alignment.</p> <p>At this stage, the TSR road is yet to be determined. DSw will update on this project at future meetings.</p>	<p>DSw to provide an update on the TSR at Braymont Road at future meetings.</p>

	<p>2. DA to present the Narrabri Council zoning plans</p> <p>Since DA is an apology along with the other Narrabri Shire Council members, this item will be carried forward to a future meeting.</p> <p>3. MM to give a brief overview of the Whitehaven management plan:</p> <p>MM says that the Whitehaven Vickery bushfire management plan was written in a broad way, so they have now started to refine the plan, including deciding on asset protection zones on their block. They have cleared a fire break on the ML boundary.</p> <p>4. RR to follow up with Narrabri council about funds of \$800k previously committed to the Glentarkie aged care facility.</p> <p>RR did contact Narrabri Council and has shared the correspondence with this CCC.</p> <p>GM says that he heard from the Council the week following last meeting and missed that call, but since following up again he has not been able to reach the appropriate people at Narrabri.</p> <p>GM says that the Council representatives guaranteed that that \$800k would be contributed to the building Unit 1 at Glentarkie facility on May 11, 2022. The Glentarkie management was very happy with this agreement.</p> <p>GM says that the DPE made the Narrabri take back the \$3.2 million VPA funds that were planned to be contributed. Because they did not take up the money within the first 6 months of being offered, the funds went to the Council and seem to have been redirected.</p> <p>WH explains that then the timing was exhausted by Gunnedah Council, a different condition of approval came into play. The DPE gave the opportunity for both Councils to have discussions with Whitehaven within a 6 month time frame. When this period expired, it became a condition of consent rather than an agreement between the Vickery Project and the councils.</p> <p>GM says this is correct, however, the people of Boggabri decided that they wanted to direct the funds to the Glentarkie facility, yet the Council has not followed through.</p>	<p>RR to follow up again with Narrabri Council regarding their previous commitment of \$800,000 to the Glentarkie aged care home.</p> <p>RR to follow up with Narrabri</p>
--	--	--

	<p>GM adds that it is disappointing that the Narrabri Council has been absent at this meeting others. They are not representing their community in the way that they should.</p> <p>RR thanks GM and says that she will take this up with the Narrabri Shire Council.</p> <p>WH asks whether this allocation of funds was stated as a formal resolution in the condition of consent?</p> <p>GM says no, it was just discussed in the EIS and guaranteed in these meetings.</p> <p>RR says not really, she can just write etc.</p> <p>GM asks what the CCC can do to press the DPE.</p> <p>RR says that she can simply write and ask questions, but not do anything more active.</p> <p>GM asks what Whitehaven can do, given they contributed the money initially.</p> <p>RR says that it is unlikely they can do anything, given the Council has followed a process and the matter has fallen to a new clause following the 6-month timeframe.</p> <p>DS agrees. He says Whitehaven's hands are likely tied here, as are likely Narrabri Council's, by the DPE's process for this fund allocation.</p>	<p>Shire Council regarding their presence at these meetings.</p>
<p>5</p>	<p>Canyon and Vickery Environmental Report – MM and TD</p>	
	<p>MM and TD present the Environmental report, which is attached to these minutes.</p> <p>MM clarifies the following terminology:</p> <ul style="list-style-type: none"> - 'EPL' means environmental protection license. - 'MLA' means mining lease application - 'TEOM' means tapered element oscillating microbalance. <p>RH asks where the three blast monitoring stations are located.</p> <p>MM that there is one between the mine and the Kurrumbede, another between the mine and the grinding grooves heritage site, and a third is at Lanreef on the Kamilaroi Highway</p> <p>DS asks if notifications have gone out to the community regarding the blast monitoring.</p> <p>MM says 4-5 notifications have gone out, as well as 2 emails.</p>	

	<p>CF says that it would be helpful for the Gunnedah Council to be on the blast notification register.</p> <p>GM asks why the rail MLA (submitted in July) was not part of the initial Vickery train line plans.</p> <p>TD says that MLA covers the rail corridor. The process that Whitehaven went through with the DPE was under the Environmental Planning and Assessment Act, which granted primary approval. Beyond this, there are secondary approvals including the MLA which Whitehaven is working through this currently.</p> <p>WH asks about the road realignment. Is there more vegetation removal required due to the new realignment position?</p> <p>TD says that there will be less removal required at this location. The distance of the diversion will be less.</p> <p>GM asks if this mean that they will not be mining as far.</p> <p>TD says no, the extent of mining will not be different.</p>	
--	--	--

6	Operations Update - MS	
	<p>MS presents an operations update on behalf of Whitehaven. DSw's presentation slides are attached to these minutes.</p> <p>RH asks about the average depth of the topsoil being removed.</p> <p>MS says it is generally approximately 100mm deep, depending on the quality and the plants specific to that area.</p> <p>MM says that there is quite a range. A lot of the topsoil that has been removed is only about 10-15cm, and it is a tricky job to ensure that is not contaminated with the layers underneath.</p> <p>DS clarifies that the incident (noted in the slides) was actually not on-site, but adjacent to the site.</p> <p>An LV turned on its side while driving through a paddock near (but NOT on) Vickery's active mine site area. No injuries were sustained.</p> <p>A drover came off his horse and sustained injuries and</p>	

	<p>first aid was administered by Whitehaven personnel on site at Vickery. This incident occurred near the TSR and also happened outside of any active mining area.</p>	
7	<p>Community Update - DSw</p> <p>DSw's community update, including a summary of complaints, is included in the attached presentation by Vickery.</p> <p>RH asks how long the Little Wings project (discussed in DSw's presentation) has been running.</p> <p>DSw says it was established in 2012. All vehicles (cars, planes, etc) are sponsored, and all pilots, drivers and doctors are volunteers.</p>	
	<p>Next Steps – DS</p>	
	<p>DS discusses the next steps of the operation phase of the Whitehaven Vickery.</p> <p>On 27 November, there is scheduled to be a desktop audit on emergency responses. On 11 December, there will be further engagement with emergency services.</p> <p>DS says that next week, a new excavator will be in operation. Shortly afterward in the first week December, another larger excavator will begin operating.</p> <p>DS adds that there are lots on new staff onboarding in the coming months, and there is a strong focus on safety (particularly road safety).</p> <p>DS says that the priority hiring local people. 87 of the 108 new employees are local residents.</p> <p>GM asks if the roster is roster 7x7? DS says that the majority of staff will be 5x2 but all of Production workforce will be 7x7.</p> <p>GM says that In May and June of 2024, there will be scheduled coal mining.</p> <p>DS says that there are stringent fatigue guidelines and fatigue monitoring, as the safety both of the workers and the surrounding community (particularly road safety) is a key priority.</p> <p>Those employees who live within a 50km radius are allowed to remain at their residences, and those living outside of 50km radius, are required to move to Whitehaven's CIVEO camp accommodation.</p>	

	<p>There will be a cultural expectations event every week, and the fatigue monitoring app, mentioned by DSw in his earlier presentation, includes an Operating alert system (OAS) to monitor eye movement as a measure of fatigue. The OAS will alert the team of any workers who are unfit to work on this basis, and those workers will be driven home to rest.</p> <p>DSw adds that there is good feedback on these strict standards across Vickery.</p> <p>RH asks about the housing projects at Whitehaven.</p> <p>DSw says that the project at George Street (which is 16 blocks) is close to completion. There was a hold-up with one of the electricity suppliers in that area.</p> <p>DSw adds that they are planning to establish a couple of houses next year and will likely start to sell some of the Whitehaven blocks to employees first and then to the community.</p> <p>RH asks about the works at Forest Lane, but DSw does not know about this area.</p> <p>RH asks DSw to organise a briefing on the Whitehaven housing development plans for the next CCC meeting.</p> <p>WH adds that the Gunnedah Council has been discussing 3 other sites with Whitehaven that may be able to house a number of new residential developments.</p> <p>RR would like to hear more on this at the next CCC meeting.</p>	<p>Whitehaven is to present to the CCC on housing development plans including and surrounding the George Street properties.</p>
	<p>General Business - RR</p>	
	<p>RR invites attendees to ask any questions or share comments.</p> <p>CF thanks Whitehaven for its provision of grant funding. She says that it has benefitted many specific organisations across the region that would otherwise not have received such support. As a result, she says that it has benefitted the community broadly.</p>	
	<p>Next Meeting - RR</p>	
	<p>RR asked the group for suggestions about meeting timing.</p>	<p>RR to be in contact with the Narrabri Council representatives</p>

	<p>The group suggests early February. Thursdays remain a good day of the week for everyone present, and RR will follow up with the Narrabri Council to ensure confirm that Thursdays are suitable for them, too.</p> <p>ICS will send a calendar hold.</p> <p>RR thanks the attendees for their presence at the meeting. She wishes them well.</p>	<p>regarding the suitability of Thursday meetings.</p> <p>ICS to schedule the next CCC meeting for Thursday, November 9 at 12pm.</p>
--	--	--

Vickery CCC Q4 2023

Megan Martin- Environmental
Superintendent
9th November 2023

Agenda

Overview and Update

Monitoring Results

Complaints

Approvals

Management Plans

Noise Monitoring

Attended Noise Monitoring

Attended noise monitoring was conducted at “Lanreef” (N-AT2) and “Broadwater” (N-AT1) properties once a month during this reporting period. Noise criteria for the mine is 40dB(A) Leq (15 min) during day time and 35dB(A) Leq (15 min) during evening/night time.

Results below show that noise emissions from the mine did not exceed operational criteria at “Lanreef” or “Broadwater” monitoring locations during the monitoring period.



Dust Monitoring

Real time monitoring- TEOMs

- Tapered Element Oscillating Microbalance (TEOM)
- Measure PM_{2.5} and PM₁₀ sized dust particles
- A real time air quality unit, PM1 is located at the “Lanreef” property and PM2 at the “Mirrabinda” property to monitor PM2.5 and PM10 levels in ambient air, as per the current Air Quality and Greenhouse gas Management Plan (AQGMP)
- This 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 Vickery operations. We call this our ‘Dust TARP’ and it is enacted by the Supervisor of mining operations in response to a text or email alert received well in advance of any significant dust impacts



TEOM installed at ‘Lanreef’-
PM1

Water Monitoring

Groundwater Monitoring

Routine groundwater monitoring has been conducted 6 monthly since 2021

The Water MP was approved in August and has triggered quarterly groundwater monitoring to begin

In October 2023, Hydra-sleeve monitoring was introduced to Vickery's groundwater bores. Results will be shared in the next quarterly report

Surfacewater Monitoring

Water storage onsite is expected to be sufficient for at least 12 months. VCM has not undertaken any discharges during the period.

Results are shown in the accompanying monitoring summary report.

Surface water quality in the Namoi is stable and does not differ between upstream and downstream monitoring sites.

Rainfall Total

Rainfall	May	June	July	August	September	October
Monthly total (mm)	3.4	24.4	11	1.6	6.6	25
Cumulative total (mm)	3.4	27.8	38.8	40.4	47	72

Blast Monitoring

Blasting Notification Register

Blasting will begin at Vickery towards the end of December/beginning of 2024

Monitoring equipment has been installed and there are three blast monitors measuring vibrations and overpressure

As part of pre-blast preparations the blasts will be registered on our website to allow community notification.

In addition an SMS or email can be sent to residents that wish to be notified of upcoming blast events.



Vickery Coal Mine - Blast Notifications

25 October 2023

Dear Neighbour,

Whitehaven Coal is planning to commence open cut coal mining at Vickery Mine in late 2023. Construction and mining activities will be in accordance with development consent SSD-7480, granted to Whitehaven Coal on 12 August 2020. Development Consent SSD-7480 allows for the development of an open cut coal mine and associated infrastructure with a 25 year mine life, extracting run-of-mine (ROM) coal up to 10 million tonnes per annum (Mtpa) and processing this coal, as well as coal from Whitehaven's Tarrawonga Mine, at an on-site coal handling and processing plant (CHPP) for transport to the Port of Newcastle by rail.

Early mining will comprise of a low capital project that will utilise surplus coal processing and washing infrastructure capacity at the Gunnedah CHPP as well as existing road haulage, rail and port capacity. Construction commenced in August 2023 and first coal is expected around mid-2024, with production ramping up in FY25. Following ramp-up, ROM production of around 1.2-1.3Mtpa (~0.9-1.0Mtpa sales) is expected.

Pre-blast notification register

Up-to-date information on the blasting schedule will be made publicly available on the Whitehaven website (<https://whitehavencoal.com.au/our-business/our-assets/vickery-extension-project/>). However, all private landholders and tenants of mine-owned residences in the vicinity of the VCM approved open cut extent that register an interest in being informed of the blasting schedule, will be included in a pre-blast notification register. This register will include contact details for notification via SMS and/or email, as preferred. It is a confidential register and will only be utilised by the on-site Operations team to notify of upcoming blast events. Notification will occur prior to all blasts and recipients will be re-notified if a blast event is rescheduled. If you wish to be included on the pre-blast notification register, please record your interest using the QR code at the bottom of this letter, by telephone via our community hotline or send an email to the email address given below.

Feedback and Complaints

Complaints or enquiries can be made via Whitehaven's Community Feedback and Complaints Hotline: 1800 WHAVEN (1800 942 836), online via the Whitehaven website (www.whitehavencoal.com.au/contact) or email (vickerycoal@whitehavencoal.com.au). The Community Feedback and Complaints Hotline is staffed 24 hours a day, seven days a week.

Yours sincerely



Dean Scott
General Manager – Gunnedah Open Cut Operations



Whitehaven Coal ABN 65 086 426 253
231 Conadilly Street, Gunnedah NSW 2380 | P 02 6741 9300
PO Box 600, Gunnedah, NSW 2380

WHITEHAVENCOAL.COM.AU

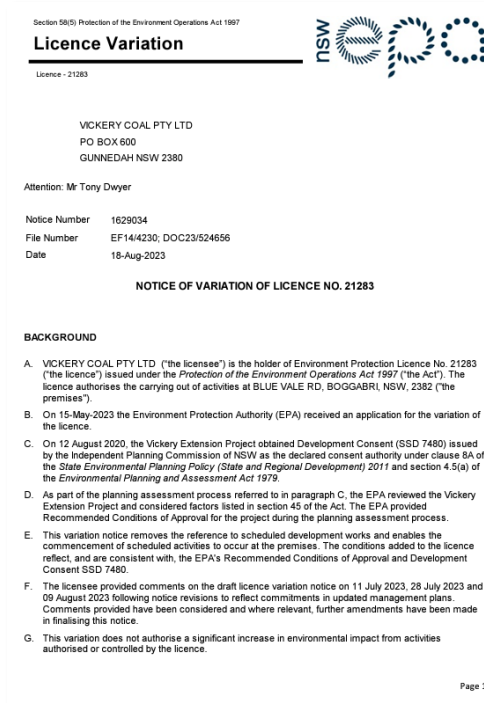
Complaints/Approvals/Management Plans

Complaints

- One complaint received during the reporting period.
- A noise monitoring contractor entered the wrong property in August while investigating our attended noise monitoring sites. A follow up call was made to the landholder.
- Attended noise monitoring sites have been established (note no infrastructure is required) at Broadwater (NAT1) and Lanreef (NAT2) and EPL monitoring was conducted in September and October. A third monitoring site (NAT3) will not be required until construction for the rail line begins.

Approvals

- The Environmental Protection Licence (EPL) Variation was received on the 18th August.



Environmental Management Plans

- The Water Management Plan was updated and approved by the DPE.
- The Social Impact Management Plan was approved by the DPE.
- The Blast Management Plan will be updated to include a Road Closure Protocol.
- The Noise Management Plan will be updated to reflect the amended monitoring locations
- The Traffic Management Plan will be updated to include amended haulage hours following Tarrawonga Coal Mine's approval of MOD8 to MP11_0047.
- Other management plans may be updated with administrative amendments to reflect the early mining project scope

Thank you

www.whitehavencoal.com.au

