



**Spur Hill Underground Coking Coal Project
Community Consultative Committee
Presentation**

4 September 2019

Agenda



1. **Welcome and apologies**
2. **Declarations of interest**
3. **Confirmation of meeting minutes**
4. **Actions from previous meetings**
5. **Spur Hill Project update**
6. **Maxwell Project update**
7. **Maxwell Infrastructure update**
8. **Maxell Solar Project update**
9. **Community**
10. **Complaints register**
11. **General business**

5. Spur Hill Project Update

Spur Hill Coking Coal Project



Seismic work undertaken in late 2018 has proven to be an effective exploration tool to identify and define sub-surface geological structures (e.g. coal seams, faults and igneous intrusions).

Now preparing exploration plan for fieldwork to link Maxwell and Spur Hill geological models.



6. Maxwell Project Update

Maxwell Underground Project Philosophy



Angus-Charolais cross steers on rehabilitation

- ✓ Being aware of our neighbours points of view.
- ✓ Maintaining and enhancing agricultural activity on land we own that is not required for mining activities.
- ✓ Supporting local employment (particularly the younger generations) and businesses.
- ✓ Developing a sustainable long-term enterprise.

Our philosophy has driven key design decisions for the Maxwell Project:

- ✓ Commitment to underground only.
- ✓ Minimising additional surface infrastructure (use of substantial existing Maxwell Infrastructure).
- ✓ Locating underground mine entry in an area shielded by ridgelines.
- ✓ Access point from Thomas Mitchell Drive in the north (purposely constructed for access to mines).
- ✓ No direct subsidence on Hunter River or Saddlers Creek.
- ✓ Transport of longwall coal via conveyor to existing CHPP.
- ✓ Sealing access road.

Maxwell Underground Project Environmental Impact Statement



- The Maxwell Project EIS was formally lodged to the Department of Planning, Industry and Environment on 31 July 2019.
- Specialist studies completed for the EIS:
 - Aboriginal heritage
 - Agricultural impact
 - Air quality
 - Economic
 - Existing Land contamination
 - Flora and Fauna
 - Geochemistry
 - Geomorphology
 - GHG
 - Groundwater modelling
 - Health risk assessment
 - Historic heritage
 - Landscape and visual
 - Noise
 - Social impact
 - Soil studies
 - Subsidence modelling
 - Surface water
 - Transport
- The Maxwell Project EIS has been placed on public exhibition, with comments due by Tuesday 24 September 2019.

Maxwell Underground Project Progress



7. Maxwell Infrastructure Update

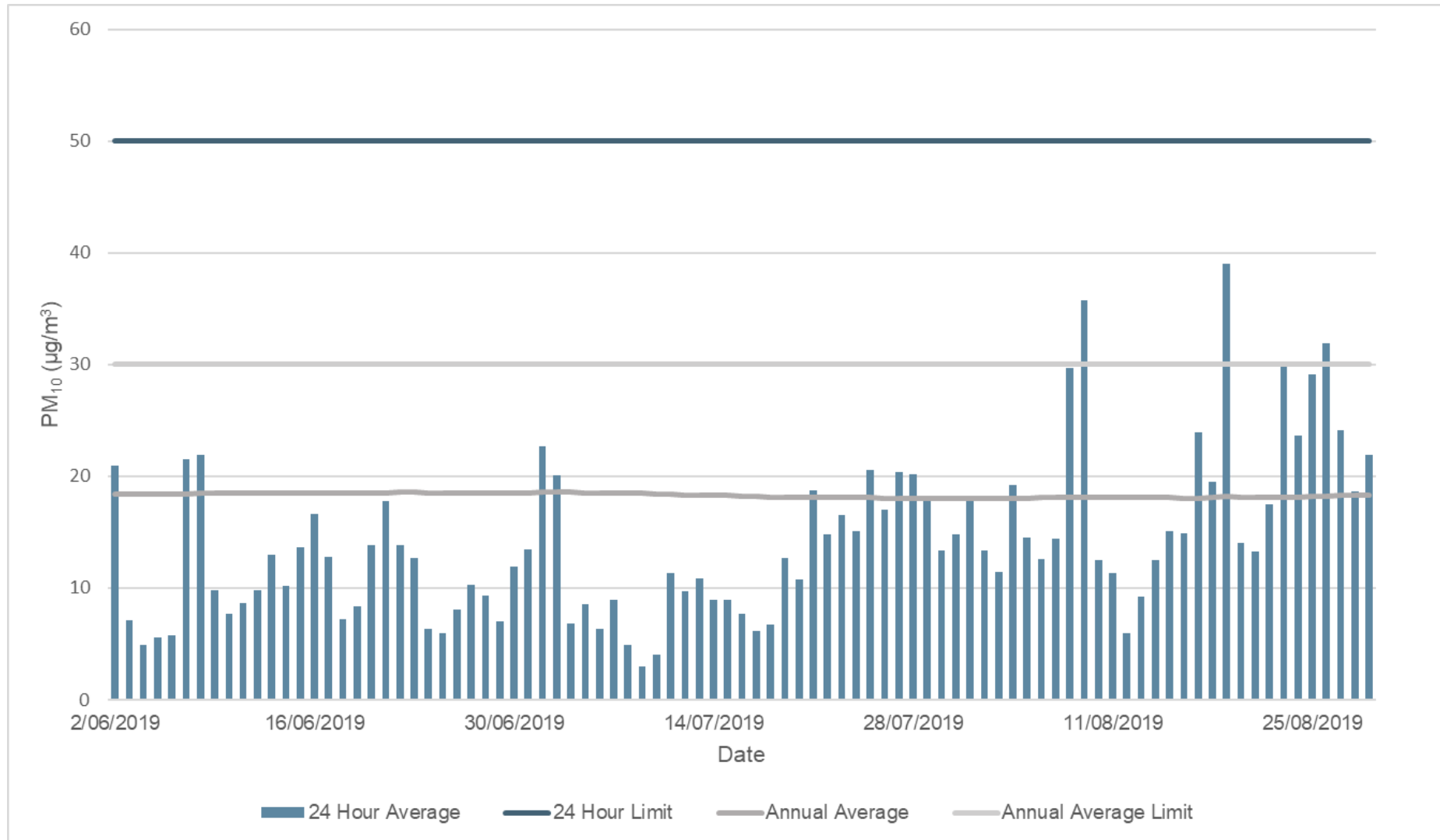
Maxwell Infrastructure Rehabilitation



- ✓ Over the past 8 months we completed 53 hectares of rehabilitation. (Total land rehabilitated is now 697 hectares)
- ✓ Shaping and placement of inert material continuing.
- ✓ Completed a winter weed spraying program.
- ✓ Completed a wild dog and fox baiting program.
- ✓ This month we will commence a spring tree planting program.



Maxwell Infrastructure TEOM PM₁₀

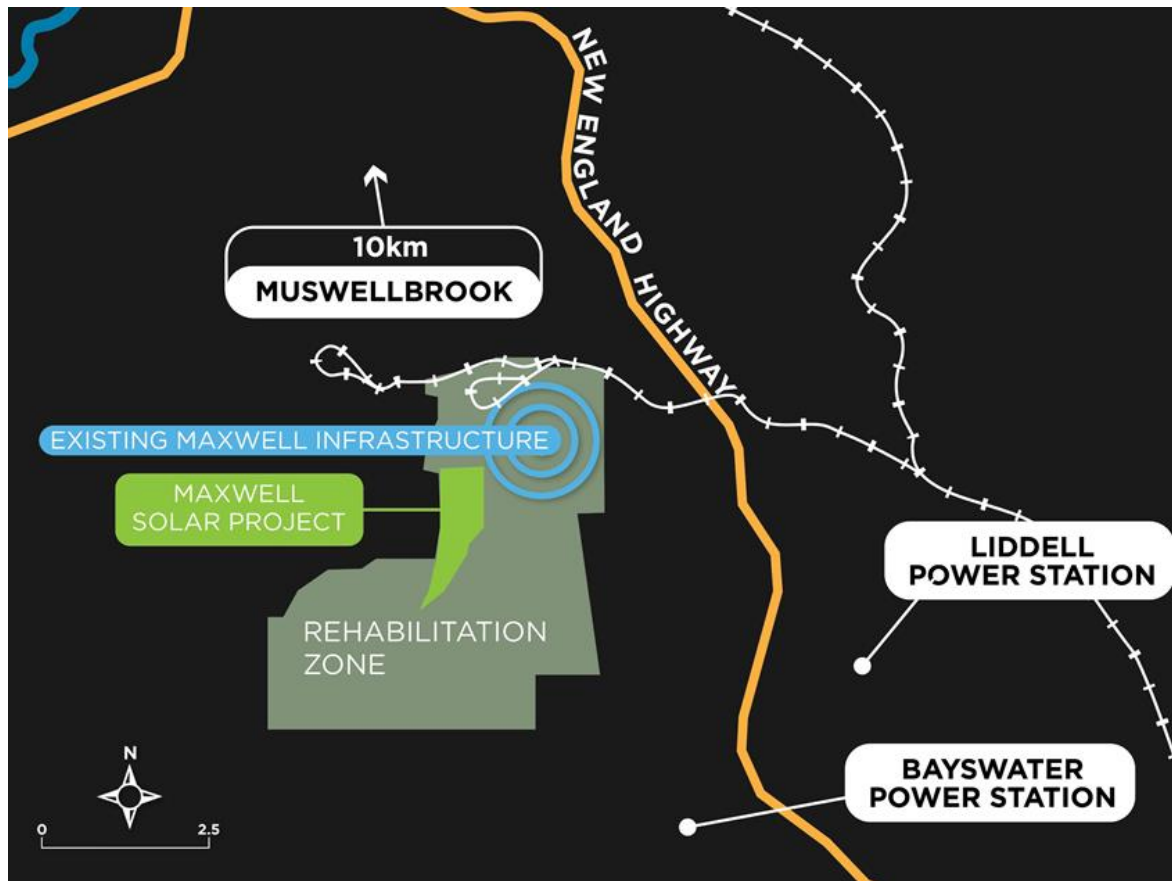


8. Maxwell Solar Project

Maxwell Solar Project



Malabar will submit a separate DA for the “Maxwell Solar Project”



- Solar EV panels would be located on areas of previous open cut mining disturbance.
- Installed capacity of c.25 MW.
- Adjacent to the major electricity generating hub in NSW (Liddell and Bayswater Power Stations) and in proximity to high voltage power lines.
- The solar farm would generate enough energy to power about 10,000 local homes.
- SEAR's issued in March 2019.
- EIS submission is imminent.

9. Community

Calrossy Anglican School visit



- Year 12 students from Calrossy Anglican School in Tamworth visited Malabar Coal's Maxwell Infrastructure site on Thursday the 30th May.
- The students, who are completing their Earth and Environmental Science studies as part of their Higher School Certificate, had the opportunity to learn about the full journey of coal mining, from the science behind coal exploration through to the rehabilitation of the mine site.

North Rothbury RFS



- During some site clean-up works Malabar came across an old ice machine not being used. The machine was cleaned up and donated to the North Rothbury RFS.
- North Rothbury RFS thanked Malabar and said that *'it will make a huge difference to our responding teams by ensuring they always have super cold bottles of water in our eskys on our trucks'*.

Denman District Development Association



- A defibrillator (defib) unit was donated to the Denman District Development Association as a vital first aid resource which can now be found in the visitor information centre.
- This is the third defib unit that Malabar has donated to the local community. Two other defib units were donated to the Upper Hunter Riding for the Disabled and the Wanaruah Local Aboriginal Land Council.



Wildlife Aid



- To coincide with National Threatened Species Day on the 7 September 2019, Malabar donated \$1000 to Wildlife Aid to help offset the costs of rescue, veterinary care, specialised diets and rehabilitation of native wildlife in the Upper Hunter Valley.

Upcoming community events and sponsorship



- Kawul Calling Program (September):
 - ▶ The Kawul Calling Program is a two-night camp for indigenous male youth aged between 14 to 16 years and living in the Hunter Valley of NSW.
 - ▶ The camp focusses on cultural wellbeing through dance, story and art and explores cultural identity, connection to country, empowerment and leadership.
 - ▶ The camp which is facilitated by Wakagetti Indigenous Corporation is fully funded by Malabar.
- Louis Bottomley – Northern Inland Academy of Sport for Rugby Union (September)
- Denman Pig Races (October)
- Muswellbrook South Public School Fete (October)
- Scone Public School Bloom Markets (November)

10. Complaints Register

Complaints Register



- Nil complaints.

Abbreviations and Glossary



- 2D – two dimensional
- CCC – Community Consultative Committee.
- DA – Development Application.
- DP&E – NSW Department of Planning and Environment.
- DRE – NSW Division of Resources and Energy (part of NSW Department of Industry).
- EARs – Environmental Assessment Requirements.
- EIS – Environmental Impact Statement.
- EL – Exploration Licence.
- EP&A Act – NSW *Environmental Planning and Assessment Act 1979*.
- EPBC Act – Commonwealth *Environment Protection and Biodiversity Conservation Act 1999*.
- MLA – Mining Lease Application.
- SEAR's – Secretary's (DP&E) Environmental Assessment Requirements
- SHM – Spur Hill Management Pty Ltd.
- TEOM – an air quality monitoring device, Tapered Element Oscillating Microbalance.