

## SOCIAL AMENITY MANAGEMENT Road Closure Management Plan

<b>Objectives</b>	To safely manage temporary road closures when blasts are within 500m of a public road or when it is considered a blast may adversely affect that road.
<b>Scope</b>	Temporary Road Closure of any public road within 500 m of HVO blasting activities. In particular: <ul style="list-style-type: none"> <li>• Jerrys Plains Road</li> <li>• Comleroi Road</li> <li>• Lemington Road</li> </ul>
<b>Key Environmental Issues</b>	Disruption to traffic on public roads during temporary road closures due to blasting at HVO.
<b>Performance Criteria</b>	Ensure the public are well informed of any temporary road closures on Jerrys Plains Road due to blasting at HVO and ensure minimal disturbance to traffic during blasting periods.
<b>Control Measures</b>	<p><b>Prior to Road Closure</b></p> <p><b>HVO neighbours</b> Those neighbours who have requested to be notified of blasts including the closure of Jerrys Plains Road, will be advised by telephone on the day of the blast by the Drill &amp; Blast Engineer.</p> <p><b>Singleton Argus</b> Notification will be given to the Singleton Argus such that a public notice is placed in the local newspaper. This notification will be shown in the Singleton Argus at least one day before the blast.</p> <p><b>Singleton Shire Council</b> Notification to the Singleton Shire Council will be to the Council's Operations Division Management by at least 12 noon on the day prior to the closure of the road.</p> <p><b>United Collieries Pty Limited</b> Notification to United Collieries will be given by at least 12 noon on the day prior to the closure of the road for the purposes of blasting.</p> <p>All road closures on Jerrys Plains Road will be performed at a time to minimise impact on United Collieries (outside shift change). If United have any problems with the proposed road closure time, contact can be made with the Drill and Blast Engineer.</p> <p>HVO will periodically review the impact of the road closures on United Collieries and discuss any adjustments in timing as the need arises.</p> <p><b>At the time of Road Closure</b></p> <p><b>Emergency Services</b> Should any emergency services approach a road closure point and be required to pass to attend an emergency the traffic controller will arrange for the emergency services vehicles to be escorted through the road closure station as soon as the route can be made safe. This may include contacting the blast controller to temporarily delay the firing of the blast.</p> <p><b>United Collieries Main Entrance</b> A HVO sentry will report to reception at United Collieries and inform the mine of the expected closure time. During the road closure the sentry will be positioned outside the United Collieries main entrance.</p>

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<p><b>Control Measures (continued)</b></p>	<p><b>Traffic Control</b></p> <p>Traffic control stations will be established on the affected road. These locations will remain relatively constant, however may require some modification due to prevailing conditions on the day of blasting.</p> <p>As a minimum the Traffic control stations will include sufficient suitably qualified staff for the purpose of traffic control, together with all equipment necessary for the safe control of the road. All road control personnel will be in two-way radio contact with the blast controllers.</p> <p>All traffic controllers and road sentries will travel to the road closure points and open all necessary signage. There is to be a stop/slow controller situated on the United Collieries entrance road for each blast. Once all signage is positioned the sentries will await direction from the blast controller.</p> <p>Traffic control point signage will consist of permanent fold out signs situated adjacent to the road.</p> <p>Once the blast is ready to be fired the traffic controllers will be directed to close the road. The road sentry shall drive the entire route to ensure all vehicles are clear of all road closure points. Once the area has been confirmed to be clear of vehicles the road sentry will notify the blast controller and the blast will be fired in accordance with the site procedure <i>2.44.015 Firing a Shot</i>. At the completion of the blast, the 'all clear' is given by the Shotfirer.</p> <p>Once the blast has been fired the road sentry will drive the entire route to confirm the road has not been impacted by the blast (fly rock or damage). The road sentry will remove any fly rock that impacts on the road. At the conclusion of this process the road will then be reopened to traffic.</p> <p>All necessary signage will be closed at the conclusion of the road closure and be padlocked shut by the traffic controllers.</p> <p>All roads and approaches that may provide access to the blast area are controlled and coordinated by HVO as necessary. Typically these access points are fenced and secured using a padlocked gate (company owned land).</p>
<p><b>Frequency</b></p>	<p>When blasting in these mining areas it is expected that a number of road closures will be required within a week due to blasting within 500 m of the road. The timing of these periods may be scheduled sporadically throughout the year according to the mine plan.</p> <p>Jerrys Plains Road: typically 3 closures per week with a maximum of 4 road closures per week.</p> <p>There will be a maximum of 2 road closure of Jerrys Plains Road on any day.</p> <p>In each instance the road will be closed for approximately 10 minutes.</p> <p>Blasting operations within 500 m of the Jerrys Plains Road is expected to continue for the life of mine.</p>
<p><b>Incident Management</b></p>	<p><i>Incident Reporting</i></p> <p>Incident reporting as per CNA Environmental Procedure <i>Incident Management and Reporting</i> (EP1.8).</p> <p><i>Complaints Management</i></p> <p>Complaints management as per CNA Environmental Procedure Communications (EP1.9).</p> <p><i>Incident Response – Exceedance or Complaint</i></p> <p>Investigate event and identify operational location, timing and climatic conditions to determine if additional management measures are required.</p>
<p><b>Performance Reporting</b></p>	<p>Any incidents will be reported in the Annual Environmental Management Report.</p>

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Key Documents	<i>Development Consents</i> DA 450-10-2003 – Condition 45; DA 114-12-98 – Condition 7.1(v); and DA 215/97 – Condition 11.
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