

## APA Technical Note - Western Outer Ring Main - Environment Effects Statement

**TECHNICAL NOTE NUMBER:** TN37

**DATE:** 6 October 2021

**SUBJECT:** Pipeline alignment within 525 Sunbury Road, Bulla

**SUMMARY** This Technical Note outlines the various pipeline alignment options considered by APA and discussed with the owner of 525 Sunbury Road, Bulla.

**REQUESTS:** On 5 October 2021, the Chair queried the rationale for the pipeline alignment within 525 Sunbury Road, Bulla and whether there are any alternative alignments.

### **NOTE:**

#### **Background**

- 1 525 Sunbury Road, Bulla is the subject of a Work Authority application (WA1409) which was submitted to the Department of Department of Jobs, Precincts and Regions on 14 May 2009.
- 2 No further information is publicly available about the application, and no information has been provided by the landowner during extensive discussions between the landowner and APA. It is not known whether viable resources exist on the site, nor whether the stringent planning and extractive industries regulatory requirements applicable to quarries could be met on this site.

#### **Pipeline alignment options**

- 3 APA have considered a number of alignment options through this property and the current alignment is the preferred option based on discussions with the landowner.
- 4 The landowner prefers the current alignment as it minimises impacts to farming operations, including wheat crops and cattle grazing, during construction.
- 5 A summary of alignment options considered within this property is provided Table 1 below.

**Table 1: Alignment options considered at 525 Sunbury Road**

Pipeline Alignment Revision	Overview of alignment	Comment
Rev 1		<p>This alignment (green line) was not progressed due to impacts to cropping land raised by the landholder.</p> <p>In addition, construction of the pipeline alongside the transmission powerline easement may present a safety risk during construction and operation of the pipeline due to earth potential rise (EPR) and low frequency induction (LFI).</p>
Rev 2		<p>Following the revised pipeline alignment, APA proposed two alignment options that would cross the property to the east of the residence. These options were not progressed for the following reasons:</p> <ul style="list-style-type: none"> <li>• The alignment running to the east of the residence (brown line) was not supported by the landholder due to the proximity to the residence and sheds.</li> <li>• The eastern option (pink line) was not supported by the landholder due to impact on farming operations.</li> </ul>

Rev 3



After the Rev 2 options were discounted, APA considered another three different alignments at the property:

- The alignment running adjacent to the western side of the residence was not supported by the landholder due to the proximity to the residence and sheds.
- The alignment running along the western boundary of the OMR PAO (blue) was not supported due to impact on farming operations.
- The third option, running along the western side of the property (red) was the landholders preferred alignment.

Rev 4 –  
Rev 10



APA adopted the pipeline alignment running along the western side of the property as per the landholder's request. Minor refinements have been done since it was initially adopted in Rev 4 (purple line) to Rev 10 (green line).