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

TECHNICAL NOTE NUMBER: TN30

DATE: 20 September 2021

SUBJECT: Specialist area: Surface Water

Response to Inquiry RFI 43

SUMMARY

This Technical Note provides a response to the request for information queries raised in relation to Technical Report B *Surface Water* of the Western Outer Ring Main (WORM) Environment Effects Statement (EES).

REQUEST: 43. Advise whether APA has had any discussions with Melbourne Water in relation to the waterway crossings, including trenched crossings of major waterways (Jacksons Creek and Merri Creek), and the status and outcomes of those discussions.

NOTE:

Response to RFI# 43 - Discussions with Melbourne Water regarding waterway crossings

1 WORM project introduction presentations were provided to Melbourne Water staff in April and May 2019 during which the project alignment was provided to and discussed with Melbourne Water. Since this time, APA has been in regular contact with Melbourne Water in relation to the alignment and the proposed waterway crossings and has been providing Melbourne Water with Shapefiles of the alignment.

2 APA is seeking approval from Melbourne Water, as the landowner, for the installation of the WORM within the Kalkallo Basin site. APA is also seeking a 'works on waterways' licence from Melbourne Water for the construction of the WORM for several minor creeks and drains located within the Kalkallo Basin site. These creeks and drains include those within the table at Annexure 1 located between KPs 33.5-35.5. Design diagrams providing depth of the cover and installation methodology for the creek and channel crossings within the Kalkallo Basin site were provided to Melbourne Water in January 2020. During discussion regarding the works within Kalkallo Basin, Melbourne Water requested APA provide details of how sodic soils would be managed during construction. In July 2020, APA provided Melbourne Water with a soil report and construction methodology relating to sodic soils within the Basin. In-principle approval of the construction of the pipeline within the Basin was provided by Melbourne Water in September 2020, subject to the finalisation of an easement agreement and 'works on waterways' licence.

3 APA met with Melbourne Water in March 2020 to discuss the WORM project and the locations where the Project alignment crosses existing Melbourne Water managed waterways. Design diagrams for the major creek crossings detailing depth of cover and construction methodology were provided to Melbourne Water in August 2020. Melbourne Water provided in-principle approval of these creek crossings in September 2020, subject to the issue of a 'works on waterways' licence under Section 67 of the Water Act 1989.

4 APA submitted a 'works on waterways' application to Melbourne Water in July 2021 detailing how works are proposed to be managed at the Melbourne Water controlled waterways, Jacksons, Deep and Merri creeks and the minor creek crossings as listed in the a . APA is awaiting a response following additional information being included within the application at the request of Melbourne Water in August 2021. APA will update the

Inquiry if a response from Melbourne Water is received before the end of the Inquiry hearing. The 'working on waterways' licences are expected to be issued prior to Pipeline Licence approval.

5 Melbourne Water has been represented on the WORM Environment Effects Statement Technical Reference Group and has been involved in numerous discussions around the proposed installation method at waterways through the EES process.

ANNEXURE 1

Minor Creek Crossings

Name	Waterway Status	Location (KP)[1]
Tame Street Drain	MWC Main Drain channel	8.36
Unnamed	Minor gully tributary to Jacksons Creek	9.74
Unnamed	Minor gully tributary to Jacksons Creek	10.6
Unnamed	Gully tributary to Jacksons Creek	13.9
Unnamed	Minor tributary to Kalkallo Creek	31.5-31.7
Unnamed	Minor tributary to Kalkallo Creek	32.6
Unnamed	Minor tributary to Kalkallo Creek	33.5
Unnamed	Tributary constructed drains (x3) to Kalkallo Creek	33.8-34
Kalkallo Creek	Channelised Creek	34.5
Unnamed	Tributary constructed drain to Kalkallo Creek	34.8
Unnamed	Tributary constructed drain to Kalkallo Creek	35.5
Unnamed	Tributary constructed drain to Kalkallo Creek	36.2
Tributary of Merri Creek	Tributary to Merri Creek	40.8

[1] The locations of the crossings are referenced with regards to kilometric points (KP) along the pipeline alignment with KP 0 located approximately 80 m north of the Plumpton Regulating Station and KP 51.045 at the Wollert Compressor Station.