

## **Raianne Mata (VPA)**

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**From:** Dawson, Kevin <Kevin.Dawson@yvw.com.au>  
**Sent:** Friday, 18 December 2020 3:35 PM  
**To:** amendments  
**Cc:** Gould, Felicity; Hart, Steve; Fittock, Robert; [REDACTED]; Achilles, Kimjan; Davey-Greene, Ruthven; Tully, Maryanne; Carter, Glen; Browne, Michael; James Paull (VPA); Stephen Davis (VPA); Tony Marks (VPA)  
**Subject:** Craigieburn West Precinct Structure Plan  
**Attachments:** Craigieburn West PSP - DW & NDW Supply Overview Plans.pdf; Craigieburn West\_Sewer Asset Sequencing Plans\_Dec 2020.pdf

Thank you for the opportunity to participate in the collaboration associated with development of the Craigieburn West Precinct Structure Plan

We have reviewed the available draft PSP and associated supporting documents and offer the following comments-

### ***In General***

- it is note that Craigieburn R2 Precinct Structure Plan dated September 2010 (Amended November 2020) has been amended to ensure consistency with Craigieburn West PSP. Yarra Valley Water servicing comments shall also apply to this PSP amendment
- the Services Investigation Report, dated March 2019 & prepared by Taylors, has been reviewed and the following servicing comments reflect to current Yarra Valley Water requirements to service development within this PSP area
- the Taylors report includes comments on servicing the Greenvale North PSP area which has not been included with the draft Craigieburn West PSP released for public consultation. Yarra Valley Water's servicing comments will not apply to the Greenvale North PSP area

### ***Drink Water/Non-drinking Water Supply-***

- please find attached updated DW/NDW supply concept plans for the Craigieburn West PSP area
- since issue of the Taylors report, Yarra Valley Water has installed DN300 DW & NDW mains and two (2) Pressure Reducing Stations along Mickleham Rd, between Craigieburn and the southern boundary of the PSP area
- it should also be noted that the PSP area will be serviced by three DW/NDW distribution zones, each with different service pressures, including-
  - Mickleham Pressure Boosted Zone at TWL = 315m
  - Mt Ridley Reservoir Zone at TWL = 294m
  - Mt Ridley Reservoir Pressure Reduced Zone at TWL =270m
- Protection required for M658 DW transfer main (DN825 through the southern section of the PSP) with adequate pipe corridor and minimal road crossings. Provision of all works in the vicinity of this critical water supply pipeline will need to be negotiated with Yarra Valley Water
- Provision of land will be required for up to 4no. pressure reducing stations. Further details of indicative layouts and extent of land required for each site will need to be negotiated with Yarra Valley Water
- No capacity allowance is available for any large scale urban development of land outside of present UGB, west of Mickleham Road. Some allowance made for connectivity of existing and future non-urban development may be possible but subject to further discussion with Yarra Valley Water.

### ***Sewer-***

- please find attached updated DW/NDW supply concept plans for the Craigieburn West PSP area
- the updated sewer asset sequencing plan includes the following sewer pipelines necessary to service this area-
  - Aitken Creek BS Extension – Section 2
  - Aitken Creek West BS – Stage 2

- Whites Lane BS - Stage 1
- Whites Lane BS - Stage 2
- Mickleham Road BS - Section 4
- Gallantry Avenue BS - Stage 3
- Highlands Lake BS - Stage 3
- Highlands Lake BS - Stage 4
- Aitken Creek NW BS
- Highlander Branch Sewer - Stage 2
- Highlander Branch Sewer - Stage 3
- Aitken Hill BS
- Development occurring within the catchment of Greenvale Reservoir will incur additional servicing conditions from Yarra Valley Water to satisfy the Greenvale Reservoir Risk Management Plan established to protect the reservoir catchment. The ES09 overlay plan defines the area that will attract these special conditions.

***Integrated Water Management-***

- DELWP's Vicmap Hydro database identifies two Streams within the Craigieburn West PSP that are not yet recognised as an 'Area of Cultural Sensitivity' because they have not yet been formally named. These waterways have a cultural significance identified by the Wurundjeri Woi Wurrung Cultural Heritage Aboriginal Corporation. It is recommended that these streams be named in Woi Worung language and afforded the same cultural heritage status, under the Aboriginal Heritage Act 2006, as named waterways. The identified waterways are the stream running eastward approximately 100m north of Craigieburn Road and the stream running southward crossing Olivers Road. (see attached picture/pdf where blue lines are unnamed waterways and green zones are areas of cultural sensitivity)





If you required any further information regards YVW servicing this PSP or any clarification of the above, please let me know.

We look forward to ongoing discussion regards servicing of this development

**Kevin Dawson**

Development Planning Lead  
Lucknow St, Mitcham, Victoria 3132  
T:+61398721474 M:+61419535918  
E:Kevin.Dawson@yvw.com.au

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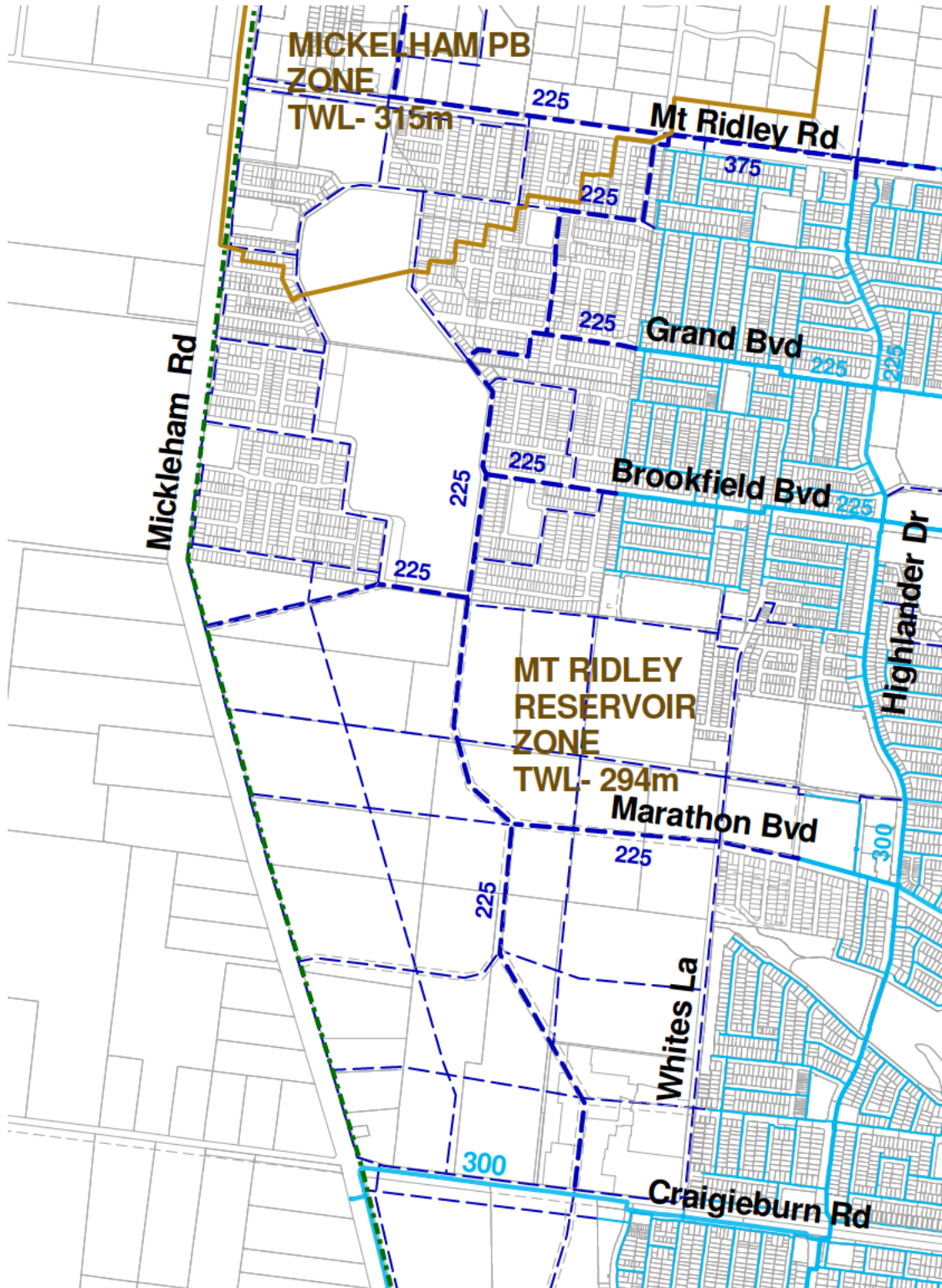
We proudly acknowledge the Traditional Owners of the land on which we work and live, and pay respect to their Elders past and present. We also acknowledge and pay respect to other Elders within the community.

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See plan 2

## DRINKING WATER - OVERVIEW PLAN

(CURRENT STRATEGY)

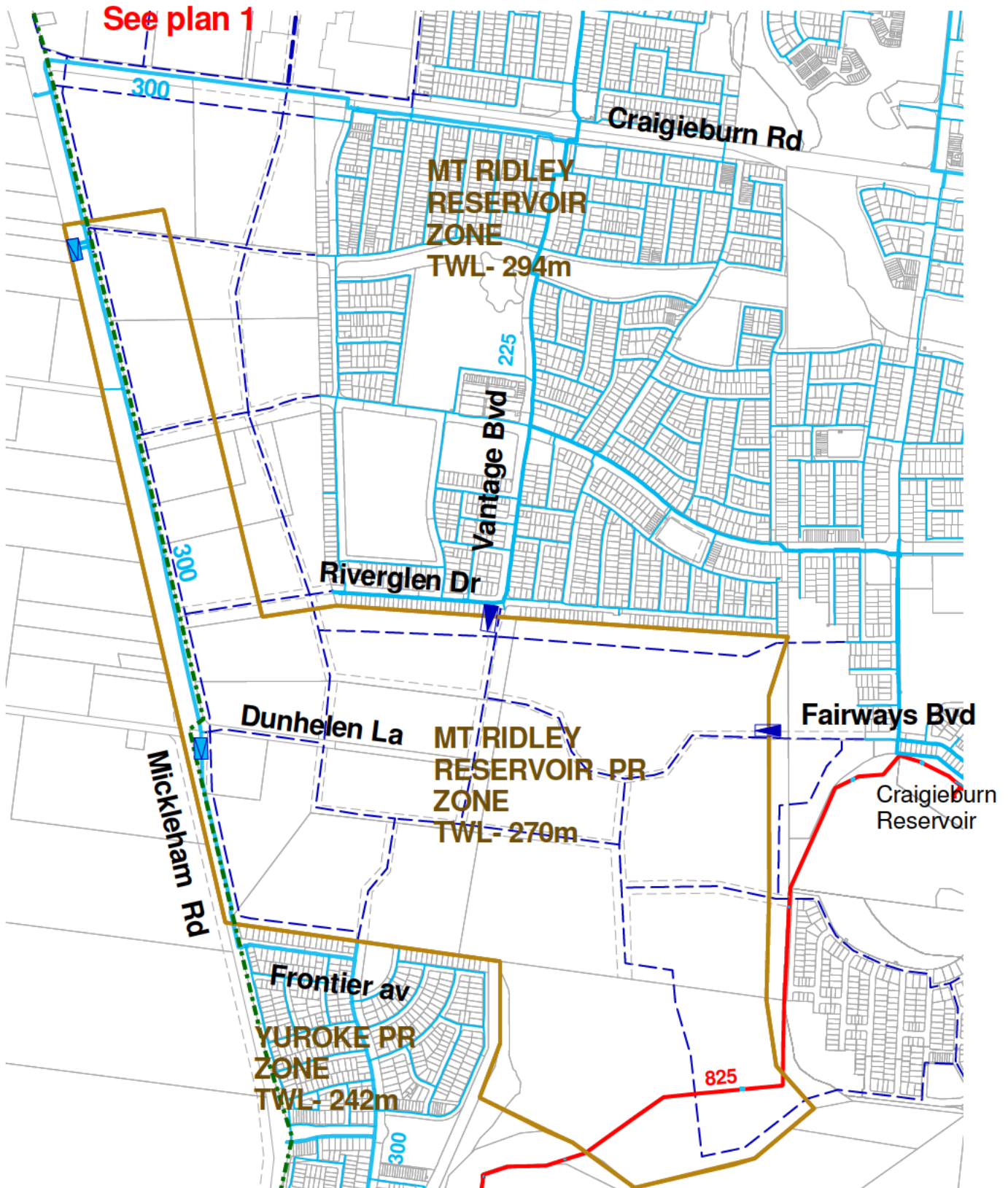
### Legend

DW		Existing Reticulation and Distribution Mains	DW		Proposed 150 mains		Urban Growth Boundary
DW		Proposed Key Asset Distribution mains (sizes shown)	Existing		Pressure Reducing Station		
			Proposed		Zone Boundary		

### NOTE:

All details shown of proposed assets are conceptual only and subject to further design before finalisation





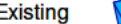

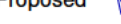


PLAN 1 of 4



## DRINKING WATER - OVERVIEW PLAN

(CURRENT STRATEGY)

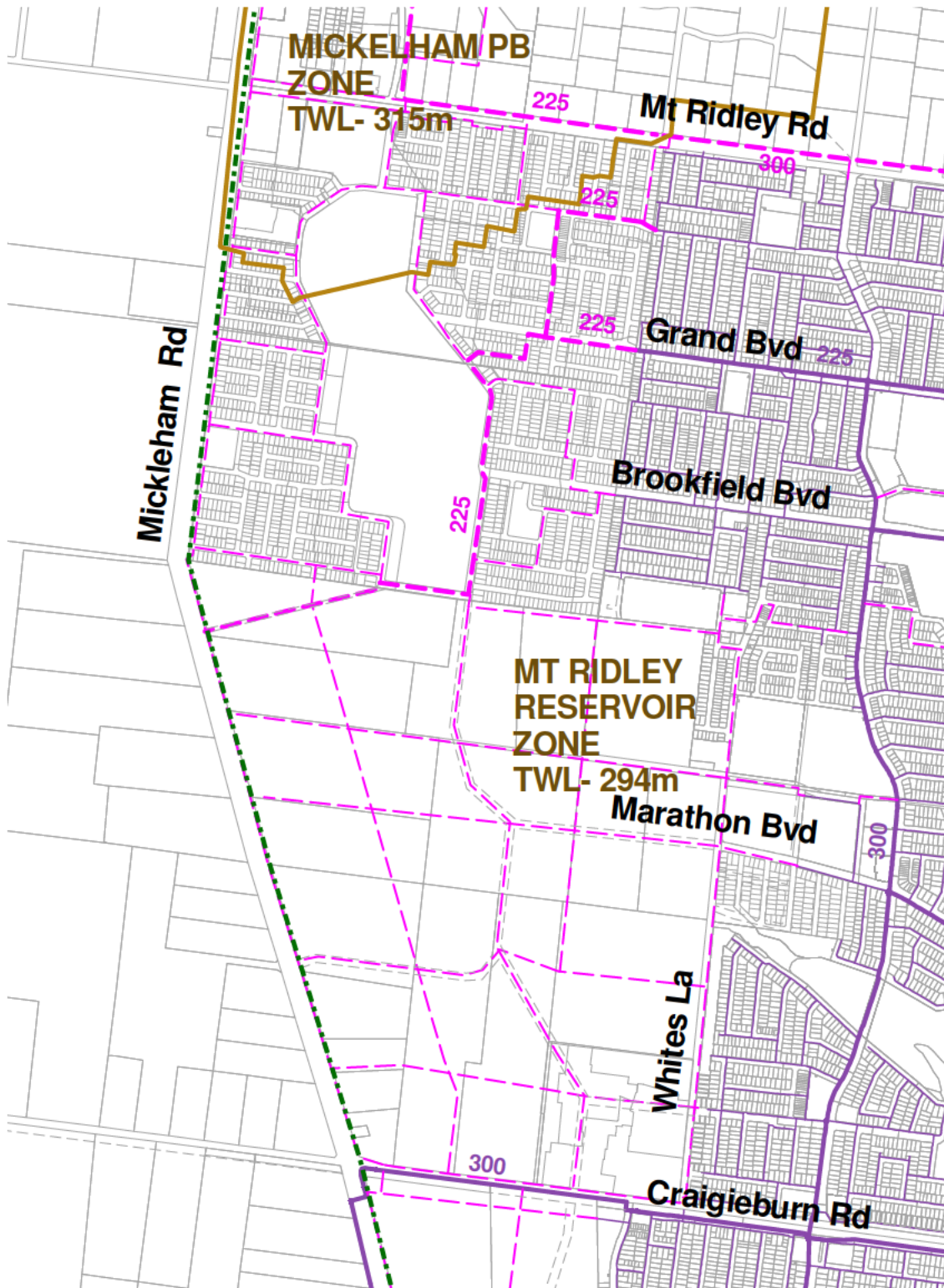
### Legend

DW		Existing Transfer Mains	DW		Proposed 150 mains		Urban Growth Boundary
DW		Existing Reticulation and Distribution Mains	Existing				
DW		Proposed Key Asset Distribution mains (sizes shown)	Proposed				
					Zone Boundary		
					Pressure Reducing Station		

**NOTE:**  
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**PLAN 2 of 4**



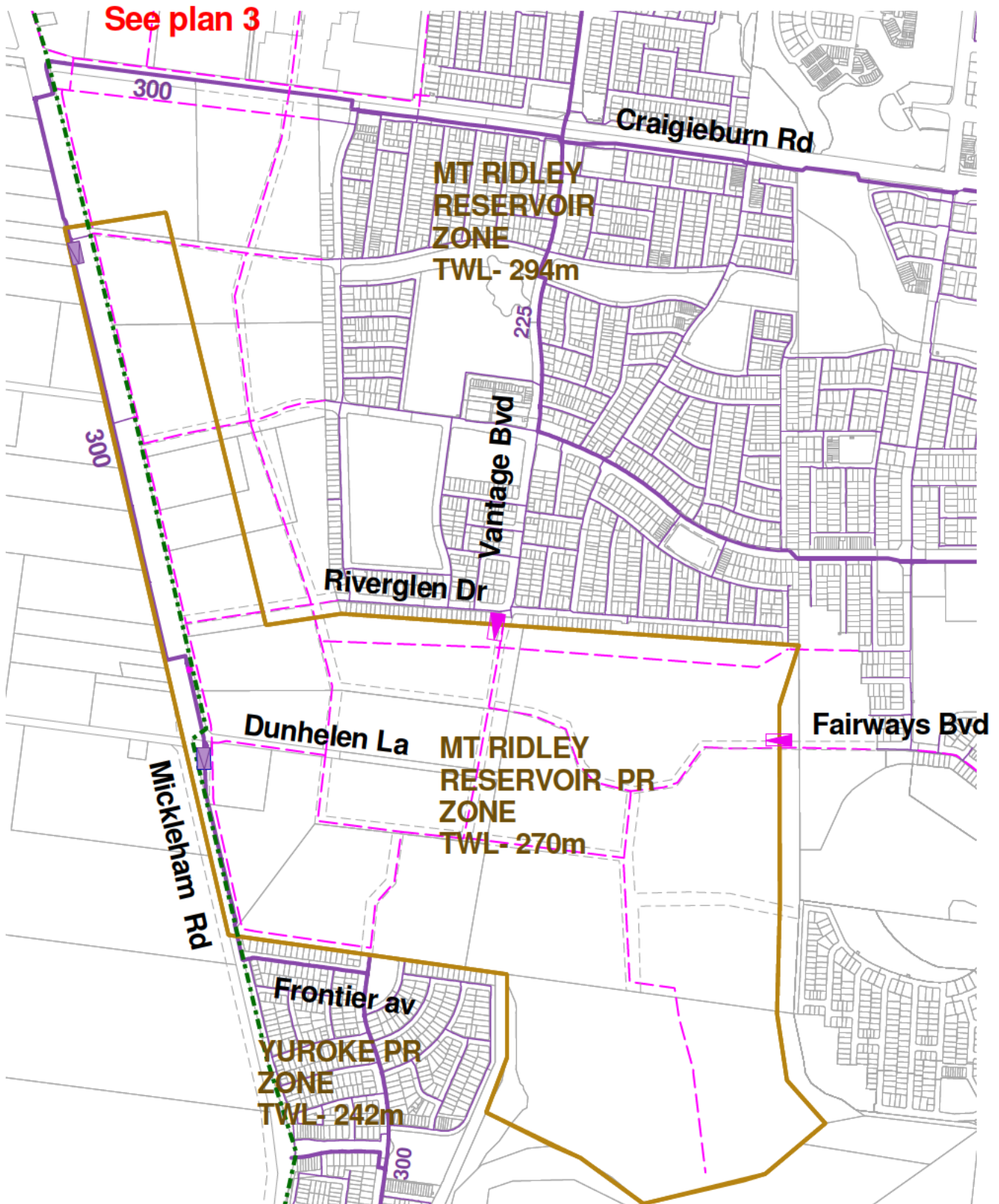


### Legend








NDW	Existing Reticulation and Distribution Mains	DW	Proposed 150 mains	Urban Growth Boundary
NDW	Proposed Key Asset Distribution mains	Existing	Pressure Reducing Station	
		Proposed		
			Zone Boundary	

**NOTE:**  
All details shown of proposed assets are conceptual only and subject to further design before finalisation

**PLAN 3 of 4**



### Legend

NDW		Existing Reticulation and Distribution Mains	DW		Proposed 150 mains		Urban Growth Boundary
NDW		Proposed Key Asset Distribution mains	Existing		Pressure Reducing Station		
			Proposed				
					Zone Boundary		

**NOTE:**  
All details shown of proposed assets are conceptual only and subject to further design before finalisation

(CURRENT STRATEGY)

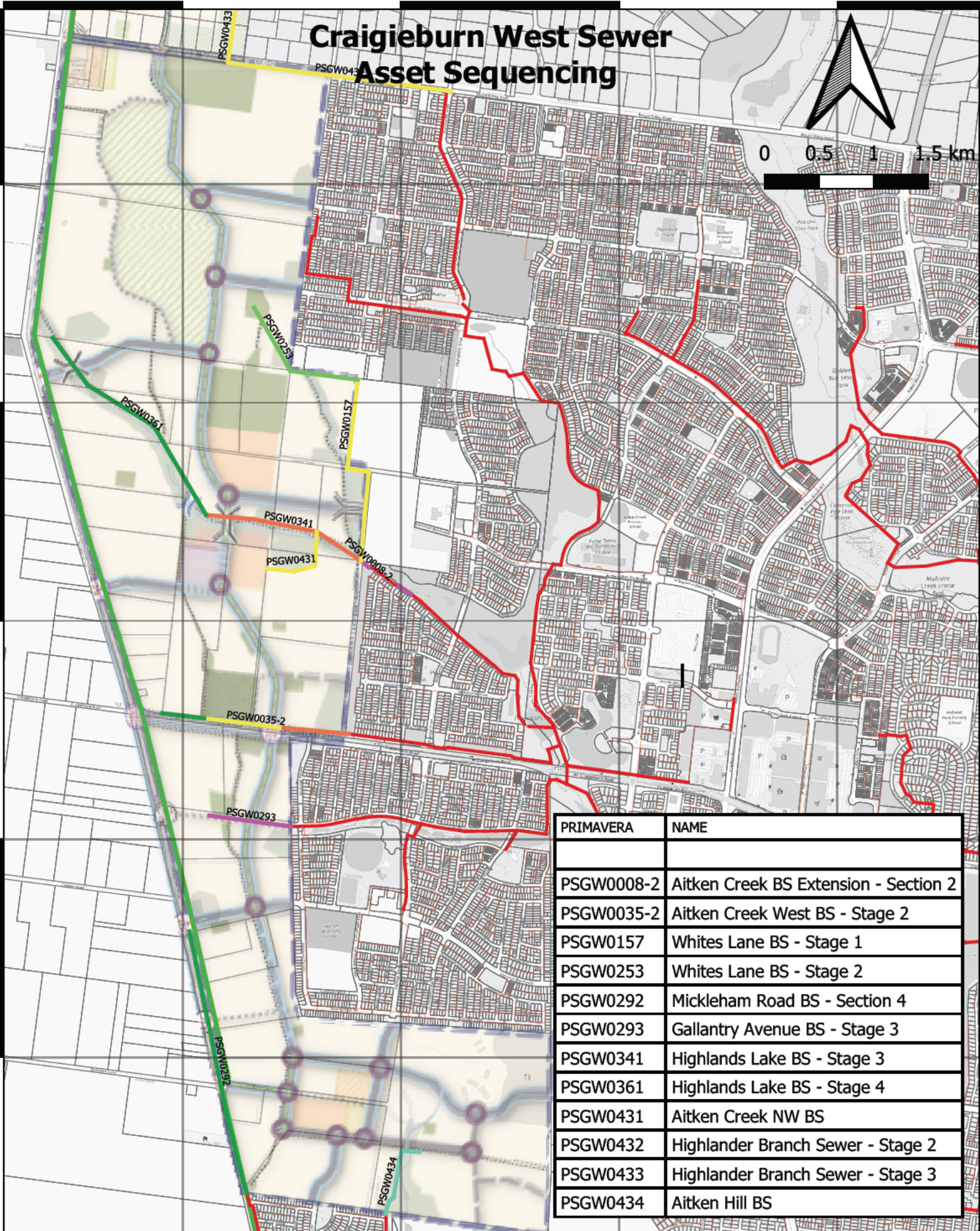
**PLAN 4 of 4**



# Craigieburn West Sewer Asset Sequencing



0 0.5 1 1.5 km



PRIMAVERA	NAME
PSGW008-2	Aitken Creek BS Extension - Section 2
PSGW0035-2	Aitken Creek West BS - Stage 2
PSGW0157	Whites Lane BS - Stage 1
PSGW0253	Whites Lane BS - Stage 2
PSGW0292	Mickleham Road BS - Section 4
PSGW0293	Gallantry Avenue BS - Stage 3
PSGW0341	Highlands Lake BS - Stage 3
PSGW0361	Highlands Lake BS - Stage 4
PSGW0431	Aitken Creek NW BS
PSGW0432	Highlander Branch Sewer - Stage 2
PSGW0433	Highlander Branch Sewer - Stage 3
PSGW0434	Aitken Hill BS

## Planned Sewer Pipes

2020  
2021  
2022  
2023

2024  
2025  
2026  
2027  
2028  
2029



2030

Planned SPS  
Planned SFC

Existing Assets  
SEWER PIPES



SEWER MH  
MAJOR SEWERS  
SEWER RM  
UGB



Craigieburn West Sewer  
November 2020



Yarra  
Valley  
Water