From: Dawson, Kevin
To: Tony Marks

Cc: Morris Edwards; Samindi Yapa; Fittock, Robert; Browne, Michael; Vogt, Matthew; Ireland, Marnie

Subject: Beveridge North West PSP

Date: Monday, 7 October 2019 5:28:36 PM

Attachments: (DW) Beveridge Wallan.pdf
(NDW) Beveridge Wallan.pdf

Tony

Thank you for the opportunity to review the Beveridge North-West PSP and provide some feedback on the proposed servicing for this area.

We would also like to thank you for the digital information provided for the PSP which will assist us with our ongoing planning for this area.

It appears that the utility details incorporating the key drinking water, non-drinking water and sewer assets required to service this area reference details provided to Cardno some years ago.

More recent asset sequencing plans details have been referenced in the following comments. The attached information is indicative only but does highlight some difference to the DW/NDW/Sewer asset plans included within the exhibited PSP

Using the recently received digital PSP information, we are currently developing an updated version of our required DW/NDW/Sewer asset sequencing plans to to better align with the proposed PSP road alignments. The availability of this updated information is include within the following specific asset comments.

The following more specific asset advise is included for your information-

<u>Drinking/Non-drinking Water</u>

Plan 12

The DW/NDW assets shown in Plan12 appear to be out of date. A copy of current DW & NDW asset sequencing plans are attached FYI

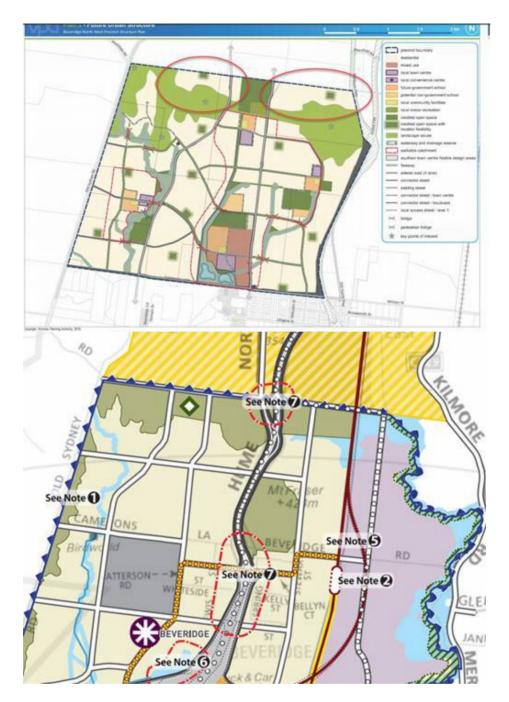
We are currently working on overlaying the attached information on the recently received PSP digital information which will provide more clarity of preferred asset alignment with respect to the proposed layout for this PSP area

We an update version of the attached asset sequencing will be available by the end of next week.

Sewer

Plan 3

There are additional residential catchments in the northern parts of the PSP that had not been allowed for in our servicing strategy (as they were not identified in the overall published growth area plan). We believe these can be serviced by the planned Rowes Lane branch sewer in the Wallan South PSP (subject to hydraulic modelling confirmation).



Plan 12 – Proposed Sewer layer.

Refer attached draft sewer alignment.

This is subject to further refinement and hydraulic modelling. We intend on issuing a revised CAD layer by the end of October 2019.



P43 - G61

G61 requests that we do not locate services in or on the edges of waterway corridors.

This is contrary to standard sewer design principles and results in a higher community costs due to the increased depth of our branch sewers and reticulation sewers.

As per our revised plans, we intend on locating many sewers on the edge of the waterway corridors and crossing the waterway corridors to enable servicing the catchment by gravity sewers while minimising their depth.



Utilities should be placed outside of landscape values areas, natural waterway corridors or on the outer edges of these corridors in the first instance. Where services cannot avoid crossing or being located within a landscape values area or natural waterway corridor, they must be located to avoid disturbance to existing waterway values, native vegetation, significant landform features and heritage sites, to the satisfaction of Melbourne Water and the responsible authority.

• Integrated Water Management – Upper Merri Creek Sub-Catchment

Yarra Valley Water has been working closely with Wurundjeri Woi Wurrung Cultural Heritage Aboriginal Corporation, Hume City Council, City of Whittlesea, Mitchell Shire Council, Melbourne Water and the Victorian Planning Authority to develop an Integrated Water Management Plan (IWMP) for the Upper Merri Creek Catchment.

The Beveridge North-West PSP area falls with this IWM sub-catchment area.

The IWMP for Upper Merri Creek is currently being developed in conjunction with the above project partners and progress for the IWM for this sub-catchment can be determined via the following website link - https://uppermerricreek.com.au/

Clause 3.6.1 – Integrated Water Management and Plan 11 (Integrated Water Management) should be include reference to the Integrated Water Management Plan for the Upper Merri Creek Catchment and its proposed objects and outcomes

If you require any further advice regards current progress for the Upper Merri Creek IWMP, please let me know

I trust the above initial response to the exhibited PSP will assist with its further development. More detailed

servicing advice for this area based on the digital PSP information provided will follow shortly

We look forward to continuing to work with the VPA in finalising this PSP.

Please advise if you require any further information regards any of the above.

Kevin Dawson

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