

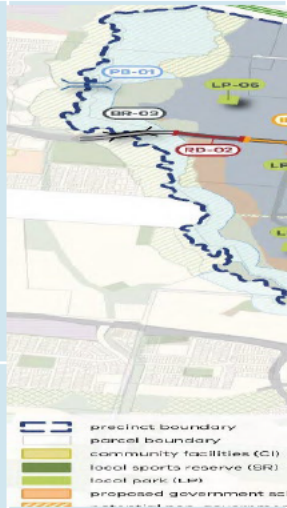
Amendment C274card - (OFFICER SOUTH EMPLOYMENT PSP - PSP5)

Consideration of submissions

Capture								
Submission No.	Submitter's Item No.	Submitter	Representative	Category	Document	Clause/ Section	Change sought by the submission	Link to full submission
Submission No. as per VPA's system	Insert submitters item number as reflected in their submission	Agency / Organisation Name/Engage VIC ID	if applicable		PSP ICP USZ etc	Requirement 1 USZ Clause 2.0 etc	Extract the change sought by the submission here - do not copy submission verbatim noting that the full submission will also be provided. (Press Alt Enter - to enter in the line below)	Insert link to submission
1.1	1.00	Melbourne Water		Drainage & Water	PSP	Requirement 26		
1.2				Drainage & Water	PSP	General	Add a new requirement regarding groundwater licensing requirements. The developer will need to obtain any relevant groundwater licenses and/or approval from the relevant authority.	
				Drainage & Water	PSP	Plan 3	PSP to consider impact of proposed Cardinia Ck pedestrian crossing in the north on the existing wetlands/dams located on the other side of the creek.	
				Drainage & Water	PSP	R13	Amend R13 requirement to make mention: Public pedestrian and equestrian paths and infrastructure must be located outside drainage reserve areas to factor in risks such as high groundwater, sodic soils and the function of the drainage asset.	
				Drainage & Water	PSP	3.4 High Quality Public Realm	Add a new requirement that constructed waterways are to remain open and not be piped. Drainage waterways are to be designed and delivered as open waterways consistent with the relevant Development Services Scheme (DSS).	
				Drainage & Water	PSP	3.4 High Quality Public Realm	Add a new requirement re. serviceability line: Where there is development proposed between the serviceability line and the waterway/conservation reserve along Cardinia Ck, development must demonstrate to the relevant authority that this area can be serviced for drainage and consistent with the relevant Development Services Scheme (DSS).	




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				Drainage & Water	PSP	Plan 11	Questions for the VPA. Who will fund these additional culverts required in Precinct Infrastructure Plan (circled in red)? MW's DSS will not be funding the road crossing of the water way shown in the circled plan.	 <p>precinct boundary parcel boundary community facilities (CI) local sports reserve (SR) local park (LP) proposed government asset</p>
				Drainage & Water	PSP	Plan 11 Infrastructure	VPA to please confirm the road crossing funding through the ICP? MW DSS fund the future crossings of the existing T1 gas main and avoid lowering the gas mains. If gas main lowering are to occur MW DSS will not fund these. They are extremely expensive compared to a typical gas crossing costs and should be a development cost - ICP cost. In addition, MW to seek in principle approval, in writing, from APA for the MW drainage strategies works to cross the gas main at the locations shown in the PSP.	
				Drainage & Water	PSP	Plan 11 Infrastructure	Could the VPA advise how much of the Santec road design study involved filling of the road levels? Or predominately the future PSP road levels are set at the same height as the existing surface levels? This will provide MW an understanding of the future crossings and flood management across the area.	


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				Drainage & Water	PSP	Section 3.7	New requirement relating to drainage staging: The diversion pipe to Cardinia Rd Drain is critical and must be delivered first prior to any development occurring within the Gum Scrub catchment north of the transmission easement.	
				Drainage & Water	PSP	Plan 12	Infrastructure and development staging - staging plan doesn't assist with optimal staging of drainage assets. This staging plan needs to be clearer from a DSS perspective. MW and VPA will need to resolve this post consultation to determine the best way to visually indicate on the plan. Please refer to email sent from Nino Polon to VPA on staging 31/8/2023	
				Drainage & Water	PSP	Plan 12	PSP plan 12 - change drainage outfall dots to arrows please. Clearer for all to understand. Colour changes supported as required to not confuse with traffic flow direction arrows.	
				Drainage & Water	PSP	Appendix 1 Plan13, Utilities	Drainage outfall into Banjo Place - is west direction not south. Other DSS outfall directions are correct. See plan. Outfall follows the existing dirt road. See green arrow direction on plan.	
				Drainage & Water	PSP	Appendix 2 figure 6	Appendix 2, fig 6 see adjusted arrow direction for drainage outfall in green, delete in red cross.	
				Drainage & Water	PSP	Appendix 2 figure2, 3,4,5,6	Appendix 2, figure 2,3,4,5,6 note 3. " All drainage outfalls require future investigation and approval by DEECA..." MW can't support the absolute expression. The Gum Scrub Creek and Cardinia Ck outfalls are specific to the functioning of the Melbourne Water drainage strategy and is not subject to DEECA approval. The design intent of the drainage outfalls are critical to the operation of the PSP drainage strategy. The future drainage outfall designs can be consulted with DEECA for information, review and input but not final approval. Suggest re express as 'Any works proposed in the conservation area are subject to DEECA and Responsible Authority's investigation, review and approval' 'Or drainage outfall works required through conservation area are subject to review and approval by Melbourne Water, DEECA and Responsible Authority'.	
				Drainage & Water	PSP		Shared paths/utilities to be located outside of constructed waterways due to sodic soil risks	

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				Drainage & Water	PSP	Appendix Figure 3	Off-road shared path shown within drainage asset. This should be located outside along the perimeter.	
				Integrated Water Management	PSP	Plan 9	Last dot point under Healthy and valued waterways... bubble seems to be a double up to the point above it. Is something else meant to be in this dot point?	
				Integrated Water Management	PSP	Plan 9	Under Healthy and valued waterways and marine environments, Stormwater supply to Growing Grass Frog conservation areas - Stormwater to be changed to treated stormwater	
				Integrated Water Management	PSP	Plan 9	Legend 'uncredited open space' change to 'Waterway & Drainage Infrastructure' or similar wording	
				Integrated Water Management	PSP	Plan 9	Legend name, change 'Retarding Basin' to 'Retarding Basin & Wetland'	
				PSP General/Requirements & Guidelines	PSP	R2	Include "or drainage assets", to read ,they must front open space, conservation areas and waterways or drainage reserves and arterial road.... (pg 20)	
				PSP General/Requirements & Guidelines	PSP	O14	Update traditional owner values to Tradition Owner values.	
				PSP General/Requirements & Guidelines	PSP	R15	Include "drainage reserves" and "conservation areas" in dot point 5. <i>Respond to the values of any adjoining open space, waterways, drainage reserves, trees, conservation areas and Aboriginal and post-contact heritage</i>	
				Bushfire Management	PSP	R18	Change "drainage infrastructure" to "stormwater treatment infrastructure" to avoid confusion about setbacks from waterways which may be interpreted as drainage infrastructure. <i>The bushfire interface area may incorporate paths, open space, and (drainage) stormwater treatment infrastructure.</i>	
				Bushfire Management	PSP	R18	Include "Melbourne Water" in consultation required last sentence. (MW will be managing the conservation area reserves).	
				Drainage & Water	PSP	G37	Update dot point 4 and final sentence: <i>subdivision design should avoid side or rear fence treatments fronting open space and DSS assets, promoting active interface road.</i> <i>All to the satisfaction of the responsible authority and where adjacent to a waterway or drainage reserve to...</i>	

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				Drainage & Water	PSP	pg99	Open waterway interface cross section plan: ->Remove notes on equestrian trail on constructed waterway interface (not appropriate mixed use with pedestrian and management vehicles, they should be separate) and Active frontages to waterways are preferred so this cross section should NOT include the 4.5m access option (ie this is a fallback option for when layout does not permit active frontage). Also note bushfire interface required of 19m likely won't support this (R17).	
				Heritage	PSP	R23 (and G26)	Melbourne Water supports the Bunurong LCAC position for inclusion of the cultural heritage area along Cardinia Creek but note further discussion is required to understand: -Interaction with DSS assets, is it appropriate to except RBs/constructed wetlands within the proposed RCZ3 demonstrated in the PSP? If there is a risk they can't be delivered then they should be relocated outside the RCZ3 as they are critical assets to service development. -It isn't entirely clear from plans or proposed zoning what "development" will be accepted in the cultural values investigation area (ie paths/roads/equestrian trails) or will the interface treatment move to the edge of the heritage area instead of the Conservation area? (See Cross Section "Local Access Street industrial - conservation interface" pdf 97) -Future land ownership and/or management assumptions for areas of sensitivity outside the conservation area (ie rubbish removal/mowing/fencing/revegetation), while this may not be determined as CHMP yet to be undertaken there should be some consideration at this stage as it will inform conservation area access/maintenance, bushfire setback requirements, etc.	
				PSP General/Requirements & Guidelines	PSP		The PSP is designed to be a beacon for climate change resilience and sensitivity , a few guidelines, objectives and required performance criteria indicate the goal is for a carbon neutral precinct. How does the PSP address the impact of the delivery of roads, drainage and associated infrastructure to meet the carbon neutral target?	
				Drainage & Water	PSP	Section 3.4, R18 & G14	Both allude to there being no requirement for a road reserve fronting our drainage reserves. Melbourne Water requires that a road fronts the drainage reserve to ensure passive surveillance, continual access and to provide additional safety regarding flood flows and conveyance of flows.	
				Drainage & Water	PSP	Typical Open Waterway interface	The PSP should comment on what dictates the open waterway width to ensure both Melbourne Water and developer are 'on the same page' in understanding what is required.	
				Drainage & Water	PSP	Patterson Road - 26m - Rural interface road adjacent open waterway	Refers to appendix 8 for typical open waterway interface, however this is included in the same appendix.	
				Drainage & Water	PSP	Staging	How will the DSS outfall for stage 1 LGSC be delivered without the delivery of the associated WLRB? This should be included within stage 1. Similarly how will the PSP ensure the delivery of the Cardinia Creek outfall with stage 1?	
				Drainage & Water	PSP	Staging	The catchments and their associated retarding basin should be grouped in each stage. For instance, the delivery of stage 3 should stop at the gas main, as the infrastructure south of it will not be delivered until the next stage. This should also be applied to stage 2. The boundary of the stage runs along the middle of the proposed WLRB	
				Drainage & Water	PSP	Staging	An issue we have across Melbourne is landowner refusal to deliver assets within their land, in line with staging etc. Is there something which can be put in place to ensure this does not occur in Officer South?	
				Drainage & Water	PSP	Infrastructure Coordination	R58 - Under Drainage infrastructure insert 'and flood mitigation', so that it reads 'Drainage and flood mitigation infrastructure'.	

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[illegible]