

Memorandum

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Date:	5 August 2026
Subject:	Derrimut Fields PSP Summary of Key Assumptions

Introduction:

Melbourne Water held a stakeholder workshop on 26 May 2026 to support drainage planning for the proposed Derrimut Fields Precinct Structure Plan (PSP).

The workshop brought together a range of stakeholders to seek input and feedback on four key focus areas identified by Melbourne Water as priorities for drainage planning within the precinct. The focus areas are presented in Figure 1 below.

Following the workshop, Melbourne Water undertook further engagement with key stakeholders to clarify and refine matters raised during the discussions.

The purpose of this memorandum is to summarise the key assumptions developed through the stakeholder engagement process for each focus area. These assumptions will be carried forward to guide the development and assessment of drainage options for the precinct.

Priority Focus Areas

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1. Flow from Mt Atkinsons Estate, Hopkins Rd drainage crossings and Outer Metropolitan Ring/E6 transport corridor (OMR).
2. Flow from Ravenhall through the quarry site and drainage of quarry catchment
3. Consideration of Skeleton Creek and future development in the Truganina DSS
4. Other drainage assets within Woods Rd DSS and Dohertys Drain DSS

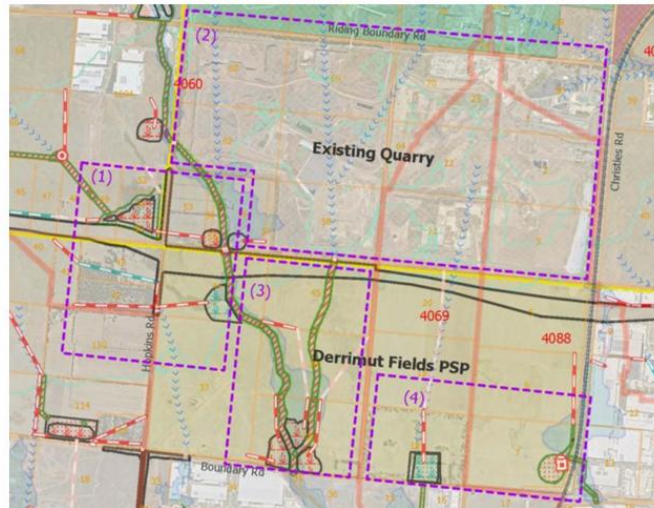


Figure 1: Summary of Derrimut Fields PSP focus areas, presented during Melbourne Waters workshop dated 26 May 26

Focus Area 1: Flow from Mt Atkinson Estate, Hopkins Road Drainage Crossings and the Outer Metropolitan Ring (OMR/E6) Transport Corridor

The following key assumptions have been developed for focus area 1:

- Given the advanced stage of development within the Mt Atkinson PSP relative to the surrounding PSP areas, Melbourne Water has considered the latest available planning, design and construction information, including discussions with Mt Atkinson Estate and its consultants regarding the intended configuration of the upstream drainage network and proposed upgrades to crossings beneath Hopkins Road.

These inputs have informed Melbourne Water's assumptions regarding upstream catchment conditions, stormwater flow paths and future drainage infrastructure.

- Stakeholder feedback has indicated ongoing support for the drainage strategy established through the Mt Atkinson PSP process, whereby major drainage flows are conveyed from west to east of Hopkins Road, north of the OMR/E6 corridor.
- Stakeholder feedback has indicated a preference for multiple distributed drainage crossings of the future Outer Metropolitan Ring (OMR/E6) transport corridor, rather than a smaller number of consolidated crossings.
- In developing drainage planning assumptions, consideration has been given to minimising crossings of the St Albans-Werribee Water Main and the APA gas transmission pipeline located within the Middle Road corridor, recognising these assets as significant infrastructure constraints.

Focus Area 2: Flow from Ravenhall PSP Through the Quarry Site and Drainage of the Quarry Catchment

The following key assumptions have been developed for focus area 2:

- The preferred north-south drainage connection along Hopkins Road, required to facilitate the transfer of runoff from the Ravenhall PSP, remains under consideration and has not yet been resolved between stakeholders.
- Given the complexity of this matter and the need for further stakeholder engagement, it is anticipated that resolution of this drainage connection will occur through the ongoing drainage planning process for the Ravenhall PSP.
- Notwithstanding the unresolved drainage arrangement, planning for the Derrimut Fields PSP requires consideration of ultimate upstream catchment conditions, including runoff generated from the Ravenhall PSP.
- To enable assessment of ultimate development conditions, an interim planning assumption will be adopted whereby pre-developed catchment flows from the Ravenhall PSP will be modelled as discharging directly into the existing constructed waterway west of Hopkins Road. Under this assumption, the Hopkins Road culvert crossing is duplicated to

provide additional conveyance capacity to facilitate the transfer of flows into Skeleton Creek.

This assumption has been adopted solely for the purposes of regional drainage planning and may be subject to revision as future planning investigations and stakeholder discussions progress.

- Consideration of drainage associated with the quarry/landfill site is complex due to the evolving nature of the site's final landform and operational requirements. For the purposes of planning for the Derrimut Fields PSP, the quarry/landfill site will be considered under ultimate development conditions only.
Based on stakeholder engagement to date, the final landfill surface is anticipated to be elevated above the surrounding natural ground levels, with downstream drainage infrastructure expected to accommodate external surface runoff from the site.
- As an interim planning assumption, it is intended that the final landfill surface will be modelled using undeveloped imperviousness characteristics. It is assumed that stormwater quantity and quality management will be addressed within the quarry/landfill site to mitigate impacts on surrounding land and downstream waterways, consistent with the requirements of relevant approval authorities and regulators (e.g. EPA Victoria).

Focus Area 3: Consideration of Skeleton Creek and Future Development Within the Truganina DSS

The following key assumptions have been developed for focus area 3

- Stakeholders have provided feedback regarding potential development layouts and drainage configurations adjacent to Skeleton Creek.
- Melbourne Water will continue to assess stakeholder inputs alongside outcomes from supporting technical investigations, including floodplain, drainage, environmental and waterway assessments.
- The ultimate drainage strategy and Developer Services Scheme (DSS) layout will be refined through ongoing planning and technical assessment to balance drainage outcomes, waterway health, environmental values and development requirements.

Focus Area 4: Other Drainage Assets Within the Woods Road DSS and Doherty's Drain DSS

The following key assumptions have been developed for focus area 4

- Stakeholder engagement undertaken following the previous workshop has identified additional opportunities and options for drainage servicing within the Woods Road DSS and Doherty's Drain DSS catchments.
- Based on current investigations, the drainage servicing requirements for these DSS areas are not anticipated to involve the same level of complexity as those associated with the Truganina DSS.
- A key consideration for both DSS areas remains the potential requirement for crossings of the St Albans-Werribee Water Main and APA gas transmission pipeline within the Middle Road corridor, which may influence the depth of future drainage assets further downstream.

Summary Plan:

Figure 2 summarises Melbourne Water's current understanding of the key drainage planning assumptions that will inform future planning and assessment of the Derrimut Fields PSP, based on outcomes from the engagement and workshop process.

The plan is primarily focused on Focus Areas 1 and 2, as resolution of these areas is considered necessary to inform and further progress technical work and planning for the rest of the precinct.

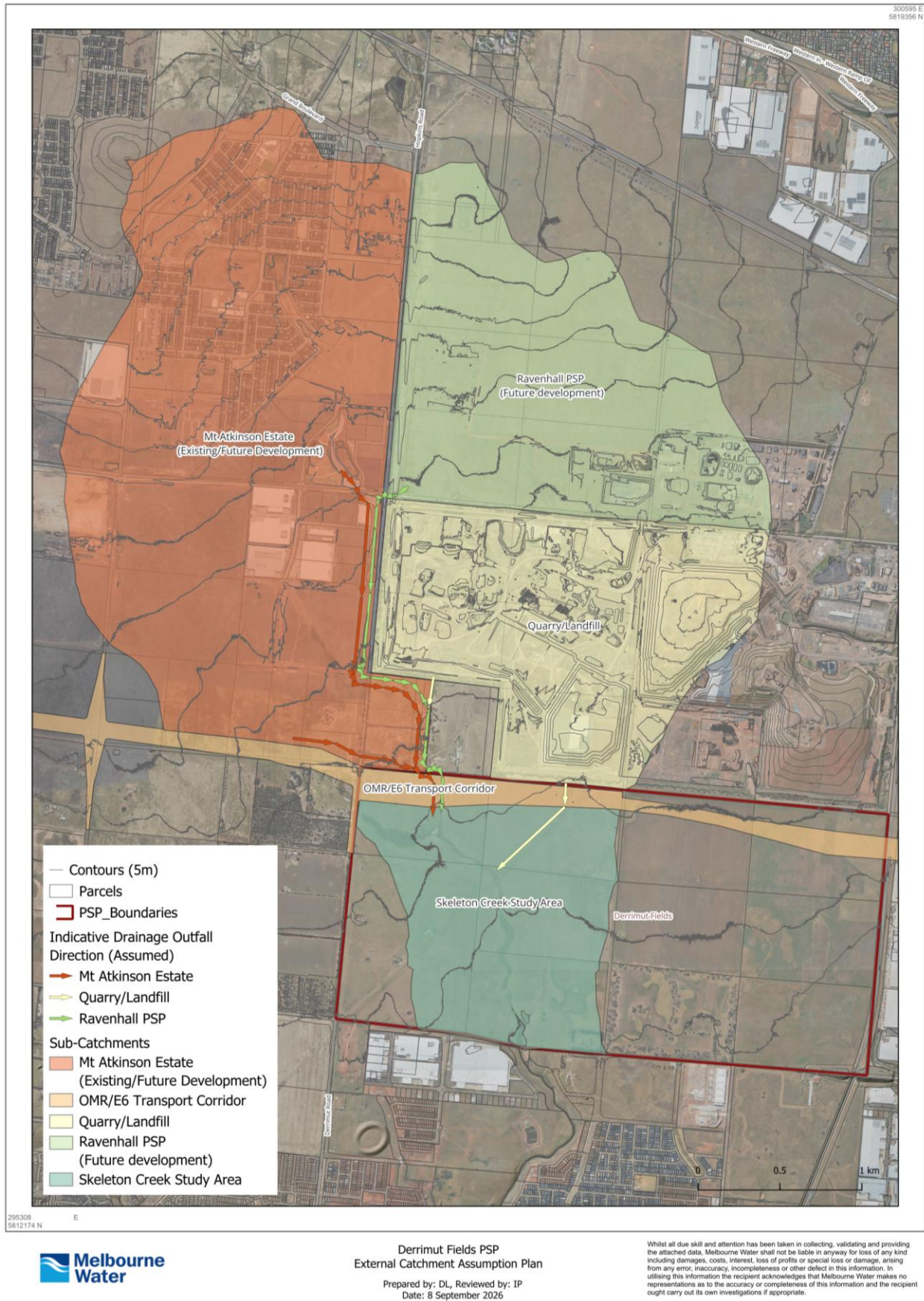


Figure 2: Summary plan