



West Gippsland
Catchment Management Authority

WGCMA Ref: WG-F-2013-0244
Document No: 6
Your Ref: Wonthaggi North East PSP
Date: 22 April 2022

OFFICIAL

Emily Killin
Victorian Planning Authority

Dear Emily,

Application Number (CMA Ref): [REDACTED]

Property: **Street:** 30 McGibbonys Road, Wonthaggi Vic 3995
Cadastral: Lot A PS710910, Parish of Wonthaggi

Thank you for your enquiry, received at the West Gippsland Catchment Management Authority ('the Authority') on 11 March 2022 in relation to additional technical work for the Wonthaggi North East PSP.

The Authority has reviewed the material provided and offers the following comments for consideration.

Our review has focused on the high-level concepts that the Authority is responsible for and has not involved a detailed check of the hydrology, hydraulic or financial calculations provided. It is assumed that all calculations done to validate the treatment measures identified have been done by qualified and experienced engineers and in accordance with all relevant engineering practices and procedures.

Wonthaggi North East PSP Outfall Connection to Powlett River (Alluvium Consulting, December 2021).

The Authority notes that the design of the proposed outfall connection to the Powlett River, which seeks to upsize the existing farm channel, will minimise the impact of the proposed Wonthaggi North east development area and therefore the Authority has no objection to the proposal.

Preliminary Drainage Review (Craigie & Daff, December 2021) and *Functional Design Report* (Alluvium Consulting, April 2022)

Whilst there seems to be some difference in opinion on the best way to achieve the required outcomes, the Authority is satisfied that the subsequent April 2022 Functional Design Report by Alluvium Consulting, will achieve all floodplain, waterway and stormwater management outcomes normally required by the Authority. The Authority is therefore satisfied that the April 2022 Functional Design Report by Alluvium Consulting is a reasonable drainage strategy for the area and should be adopted as the high level guide for drainage design in the PSP on the proviso that the PSP is flexible enough to accommodate alternative designs should these be determined through detailed design.

Should you have any queries, please do not hesitate to contact [REDACTED] or email [REDACTED]. To assist the Authority in handling any enquiries please quote [REDACTED] in your correspondence with us.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'Adam Dunn', written in a cursive style.

Adam Dunn
Executive Manager - Statutory Planning

The information contained in this correspondence is subject to the disclaimers and definitions attached.

Definitions and Disclaimers

1. The area referred to in this letter as the 'proposed development location' is the land parcel(s) that, according to the Authority's assessment, most closely represent(s) the location identified by the applicant. The identification of the 'proposed development location' on the Authority's GIS has been done in good faith and in accordance with the information given to the Authority by the applicant(s) and/or the local government authority.
2. While every endeavour has been made by the Authority to identify the proposed development location on its GIS using VicMap Parcel and Address data, the Authority accepts no responsibility for or makes no warranty with regard to the accuracy or naming of this proposed development location according to its official land title description.
3. **AEP** as Annual Exceedance Probability – is the likelihood of occurrence of a flood of given size or larger occurring in any one year. AEP is expressed as a percentage (%) risk and may be expressed as the reciprocal of ARI (Average Recurrence Interval).

Please note that the 1% probability flood is not the probable maximum flood (PMF). There is always a possibility that a flood larger in height and extent than the 1% probability flood may occur in the future.

4. **AHD** as Australian Height Datum - is the adopted national height datum that generally relates to height above mean sea level. Elevation is in metres.
5. **ARI** as Average Recurrence Interval - is the likelihood of occurrence, expressed in terms of the long-term average number of years, between flood events as large as or larger than the design flood event. For example, floods with a discharge as large as or larger than the 100 year ARI flood will occur on average once every 100 years.
6. No warranty is made as to the accuracy or liability of any studies, estimates, calculations, opinions, conclusions, recommendations (which may change without notice) or other information contained in this letter and, to the maximum extent permitted by law, the Authority disclaims all liability and responsibility for any direct or indirect loss or damage which may be suffered by any recipient or other person through relying on anything contained in or omitted from this letter.
7. This letter has been prepared for the sole use by the party to whom it is addressed and no responsibility is accepted by the Authority with regard to any third party use of the whole or of any part of its contents. Neither the whole nor any part of this letter or any reference thereto may be included in any document, circular or statement without the Authority's written approval of the form and context in which it would appear.
8. The flood information provided represents the best estimates based on currently available information. This information is subject to change as new information becomes available and as further studies are carried out.