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Lauren Christie
Waterfall Park Developments Limited

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Re: Ayrburn Screen Hub (Arrowtown) - planting establishment feasibility on engineered slopes

I have reviewed the following information in relation to the proposed landscape strategy and the ability for planting to establish on engineered / reinforced slope areas:

- Winton landscape planting information provided from Appendix 7 (Planting Character Plan, key species and Tree Planting Plan extracts, dated 3 June 2025).
- GeoSolve Engineered Batter Planting Stability Memo (Ref 150098.11, dated 19 December 2025), including the attached planting detail sketches.

Relevant experience

I have substantial experience in revegetation and restoration planting (including native margin and riparian revegetation) and have been involved in establishing planting on engineered fills and batters, including slopes up to approximately 1V:2H (1:2), where appropriate erosion control and aftercare are provided. I have also managed multiple revegetation projects in Central Otago, achieving the required establishment outcomes under local climatic conditions.

Planting establishment opinion

On that basis, and from a planting establishment perspective, I consider the proposed landscape strategy is practicably feasible on the engineered slopes (including areas up to approximately 1V:2H), provided it is implemented with standard establishment practices (appropriate planting season, watering/irrigation as required during establishment, weed control and allowance for infill replacement in the first establishment period).

In forming this view, I note that GeoSolve's proposed approach (as described in their memo and sketches) is consistent with common practice for enabling establishment on reinforced slopes, namely, a plantable slope facing/erosion protection system and planting details that enable installation of larger specimens where required, alongside general revegetation planting through the slope surface.

This statement is provided in relation to planting feasibility and establishment only, and defers to GeoSolve for the geotechnical design, stability design assumptions and construction specifications.

Yours sincerely,

Michael Tither