

Technical Advice - Groundwater by Hilary Lough

Date	28 August 2025
To	Ellie Watson, Environmental Manager – South Island Renewables, Genesis Energy
From	Hilary Lough, Pattle Delamore Partners Ltd
Project advice provided for	Tekapo Power Scheme – Applications for Replacement Resource Consents
Documents referred to	Together with my PDP colleagues, I have prepared the report <i>Tekapo Power Scheme – Hydrological and Hydrogeological Analyses</i> dated April 2025. This report includes our technical groundwater advice, which I have overseen since the start of the project.
Qualifications	I have a Bachelor of Engineering (Honours) in Civil Engineering and a Master of Engineering in Civil Engineering, both from the University of Canterbury (NZ). I have twenty years of work experience as an environmental engineer, with a focus on groundwater quality and quantity.
Code of Conduct	As an expert witness I have read, and I am familiar with, the Code of Conduct for expert witnesses contained in the Environment Court Practice Note 2023. This memorandum has been prepared in compliance with that Code. In particular, unless I state otherwise, this response is within my area of expertise and I have not omitted to consider material facts known to me that might alter or detract from the opinions I express.
Signature	