

## File Note

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**From:** Charles Horrell  
**Date:** 4/10/2016  
**Re:** FN: Meeting with Pete Ravenscroft (RSU) Re: Confirmation of recommendation

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Further information provided by the Oceana Gold on the 28 September 2016, I had a meeting with Pete Ravenscroft on behalf of Council's Resource Science Unit to confirm the assessment of the applications effect on aquatic values.

We discussed additional information around the mitigation measures that the applicant had proposed for the loss and risk to habitat as a result of the Coal Creek Freshwater dam. Pete agreed that the proposed mitigation conditions would adequately avoid, mitigate and remedy effects towards Taieri flathead galaxias if the proposed dam is to go ahead. It was noted that the applicants estimate that the \$30,000 would provide for 3 or 4 barriers is rather optimistic/inaccurate. The average cost of a barrier ranges from between \$12,000 to \$20,000, excluding any additional costs such as labour or consent requirements.

It was noted that the toxicity effects on aquatic ecology have been sufficiently covered in recommended consent conditions outlined by NIWA.

Pete recommended that a translocation condition, similar to conditions implemented in the Coronation Project, be implemented as conditions of consent for Coronation North Project. It was added that the translocation condition should ensure that fish moved remain in the same catchment (Mare Burn). Reason being that the species is endemic to the specific catchment, therefore cannot be introduced to a new environment/catchment.

It is noted that the effects on aquatic ecology have been based around the protection of the Taieri flathead galaxias; although freshwater crayfish or Koura is also present in the affected area, given the threat classification for the galaxias particular emphasis to the safeguard of the species is required.

Overall it was noted that the effects of Coronation North Project will be more than minor on the Taieri flathead galaxias, however subject to the recommended consent conditions adverse effects will be adequately avoided, mitigated and remedied for the wider populations.

Pete noted that he would be available to attend the hearing if required.

This concluded our meeting. I will apply the above recommendations to my recommending report.