



NGAKAWAU  
RESTORATION  
PROJECT

## Objectives of the Ngakawau Restoration Project

- Capture and discharge to sea Acid Mine Drainage (AMD) from the sub catchments of the Ngakawau River affected by historical and current mining activities.
- Dilute low flow AMD with less contaminated runoff from storm events in storage reservoirs to achieve levels of chemical contamination that can be discharged to sea.
- Generate electricity from the discharge of mine affected water to sea.
- Restore the water quality in the Ngakawau River and Estuary to the natural state typical of the river system before mining commenced.

Sustainability has been defined by Edward Barbier, (one of the world's leading thinkers on Development and the Environment) as the intersection of a balanced set of economic, social and ecological objectives

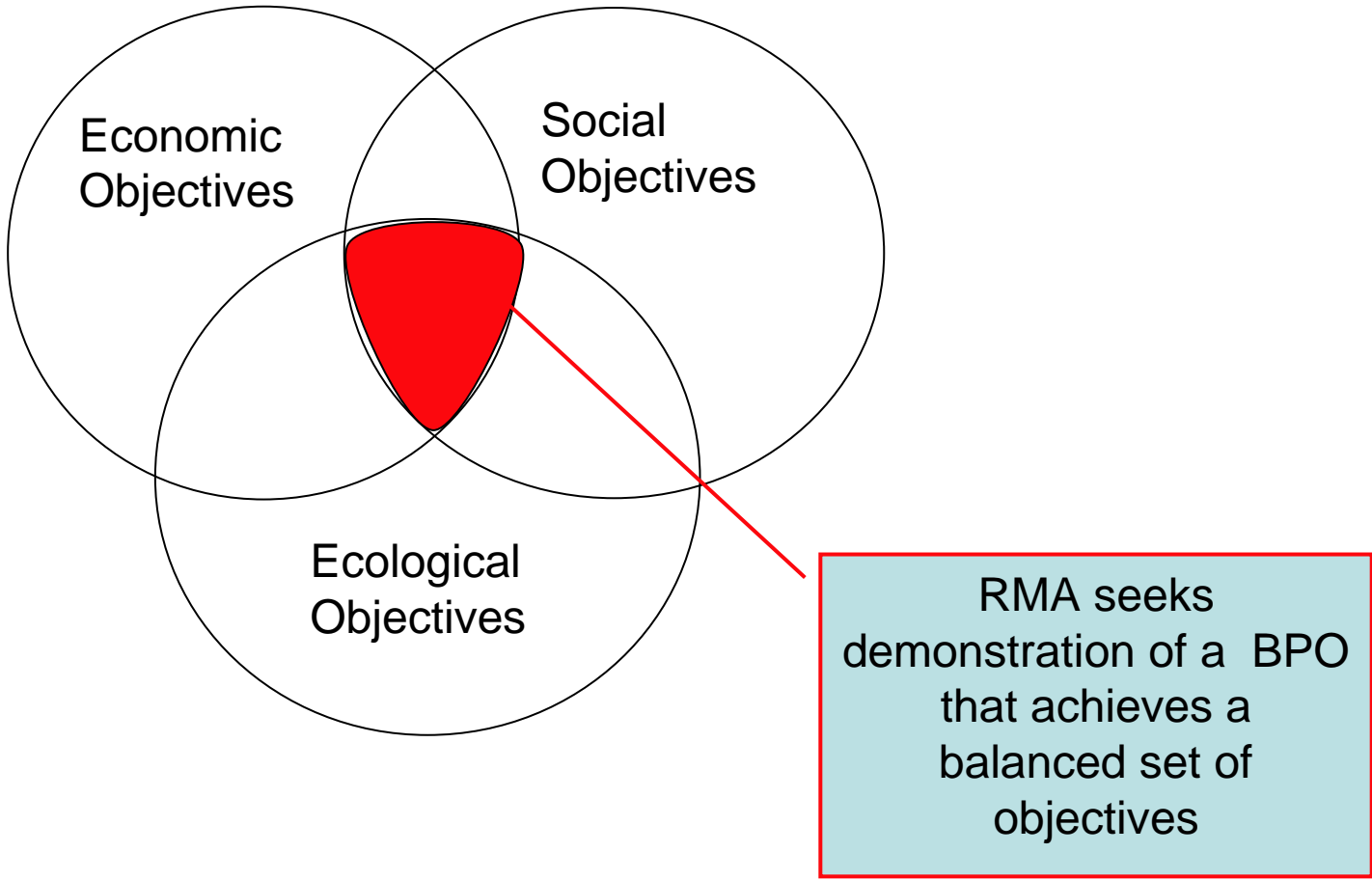
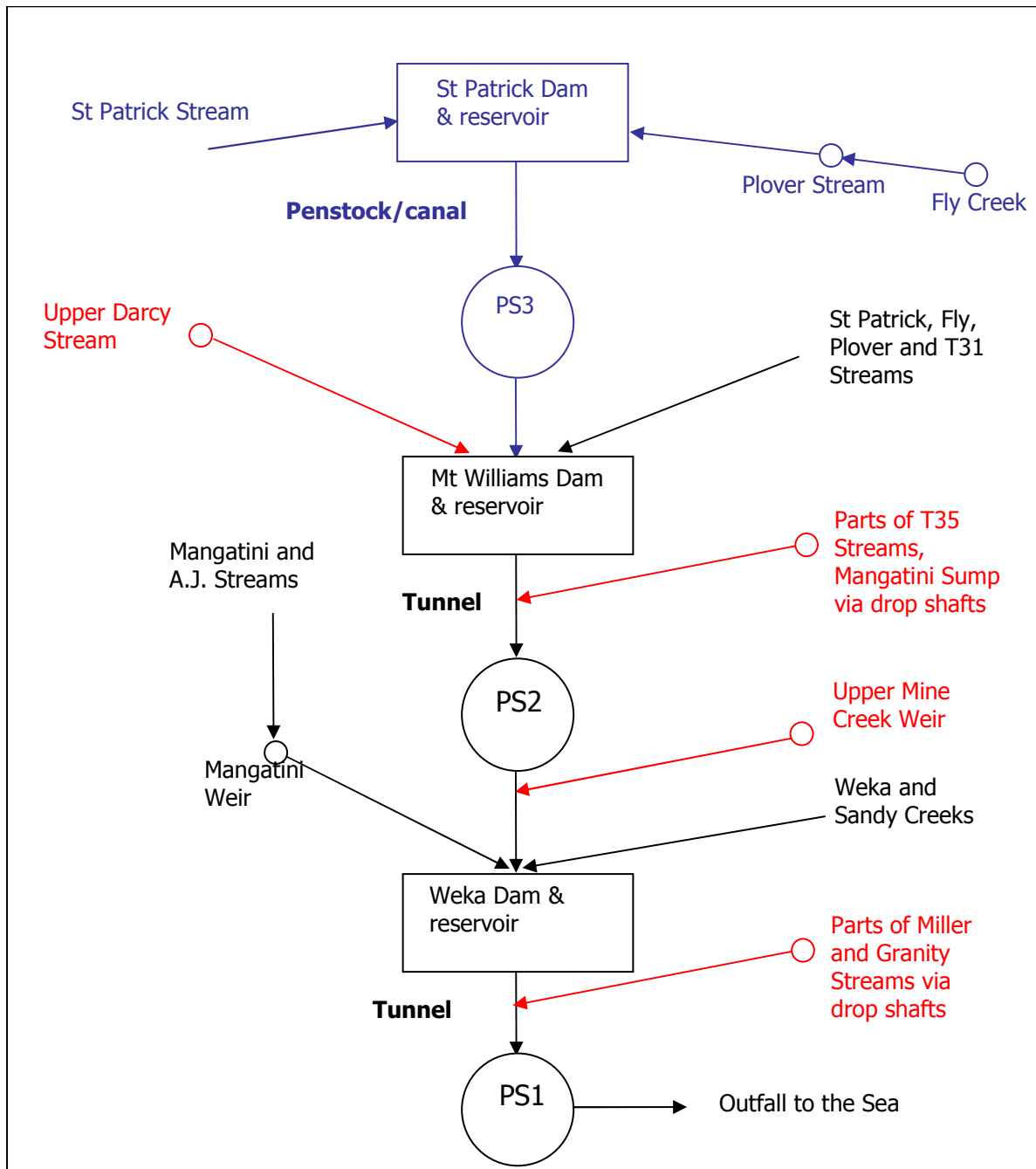


Figure 1-2 Project Sustainability Ref: adapted from Barbier



Corrected Figure 7-1 SPHP Scheme Hydraulic Modelling Ref: Appendix I (Updated Fig 3-3)