

Case Studies

David Byrne now offers his vast learnings to benefit others at this critical time on Planet Earth by developing the ***Solutions for Sustainable Living*** consultancy. Some previous and recent case studies include:

- **Client BC** in North Western Tasmania required consultation on potential water sources after her existing domestic supplies had dried up and remaining supplies were insufficient for further agricultural developments. David not only located new water sources, but advised on the most optimal water capture methods and the most appropriate, cost effective ways to optimize water utilisation, transfer, storage and delivery. Providing a multi-tiered approach gave greater certainty about sustainable water supply. David also advised on sustainable farming practices which also used the land's natural geo-physical characteristics.

- **Client KG** needed to find water to support her agricultural aspirations on newly purchased vacant and treeless grazing land of small acreage. New to the area, she had assumed that underground water sources would be abundant as the perception was that 'because it was North West Tasmania, there's lots of underground water'. This was uninvestigated prior to the property purchase. The assumption of the presence of an underground aquifer for bore water was unfounded. David's investigation identified there was no sustainable underground aquifer on her property.

Catchment 'soaks' where dams could be constructed were located which could supply water requirements for both horticultural developments and some domestic applications. Information regarding the necessary infrastructure for water catchment and delivery was provided. A solution was found for this client in a situation with very limited options.

- Working with an **aboriginal community in South Australia**, David was able to identify that insufficient water was available to be present in their traditional springs (the source supply having been tapped by a large mining company thereby significantly reducing capacity to their spring). He also advised and encouraged development of 'bush tucker' enterprises to enhance indigenous economic independence, health and wellbeing.

- Client PB was involved in the development of a new worm toilet initiative for environmentally sensitive locations which was to be produced in conjunction with a major Australian university. He needed a proposal developed and consulted with David to advise on the vermiculture involved in this project and to undertake writing of the proposal.

- From the small beginnings of a request for a small worm-farm project for a class of students at the local secondary school, David suggested instead that a large scale development be undertaken. This would provide new and alternative, experiential learning opportunities for all students including disadvantaged and challenged learners.

- The **School Farm Learning Centre** was designed using organic growing systems including organic wastes recycling through composting and worm-farm systems creating new enriched soils as the basis for horticultural development. Using non-hybrid seed varieties an extensive market garden was developed which included greenhousing, fruit trees and vines which produced organic foods for sale within the school community and local commercial outlets. From this highly successful and Nationally recognized project, David was commissioned to develop the vermiculture curriculum for Tasmanian secondary schools.

Through his **previous consultancy**, David designed and engineered programs and projects predominantly around sustainable organic environmental practices which culturally and environmentally addressed fundamental community and youth issues

[Click here to contact David Byrne at Solutions for Sustainable Living](#)