

## Badu Island Sewerage Reticulation Scheme



### **Location**

Badu Island,  
Queensland

### **Client**

Torres Strait Island  
Regional Council

### **Project Dates**

2010-2012

### **Project Value**

\$2.8 million

### **Design Fees**

\$289,000

## **Overview**

Empower Engineers & Project Managers were contracted for the detailed design, documentation preparation, community and stakeholder liaison (including with traditional owners), finalisation of native title issues, tender review/assessment/award, construction superintendence and certification for the project.

## **Project scope**

Empower provided detailed designs for the extension of an existing sewerage reticulation scheme and the construction of two new pump stations, with particular attention to durability and whole of life costs.

## **Outcomes**

Challenges were identified during construction with the discovery of very hard rock which was not found by geotechnical testing. To overcome this, Empower delivered an improved design with quick turnaround at this remote location.

Genuine working relationships were developed with key stakeholders and the Badu Island Prescribed Body Corporate that lead to a deeper project understanding of sensitive cultural and native title issues and also the challenges and logistic issues of working in remote communities.