



Capability Statement

Effluent Study

Client: Roman Bay Seafarm (abalone farm)

REQUIREMENTS

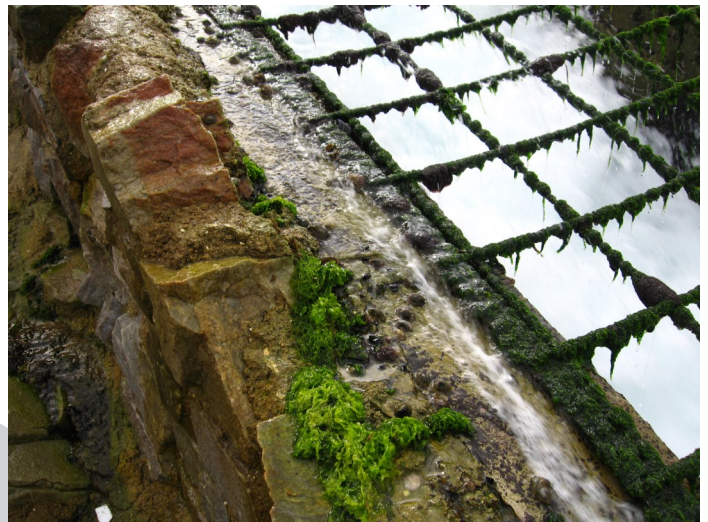
- Provide an overview of the available literature on local abalone farm effluent properties
- Assess the potential environmental impacts associated with the expansion of the Roman Bay Abalone farm

WORK DONE

- A desktop review on the available literature describing the properties of abalone farm effluent
- The identification of the primary environmental impacts associated with the expansion of the Roman Bay Abalone farm and the assessment of these impacts on the receiving environment. Possible impacts discussed were:
 - ⇒ Eutrophication/enrichment
 - ⇒ Ammonia toxicity
 - ⇒ Turbidity
 - ⇒ Hypoxia and anoxia

OUTCOMES:

Lwandle successfully delivered a comprehensive assessment of the impacts that the abalone farm expansion would have on the receiving environment through increased discharge volumes. This was presented by means of a comprehensive report.



“The potential environmental impacts associated with the expansion of the abalone farm”