

INNOVATION HOUSE CASE STUDY ATLAS SOILS

WHERE

Atlas Soils are a local water and waste consultancy based in Townsville.

REQUIREMENT

Jason approached us to provide some site supervision and project management for this high visibility project in the popular suburb of Kirwan.



Atlas Soils

REQUEST

Atlas Soils asked for feedback on the project planning as well as some direct site supervision. From our working relationship we understood the capabilities of each business and were happy to collaborate to deliver this key project.



METHOD

There was an extensive project plan to drain the ponds and remove excess organic matter however there were limitations of knowledge due to the uncertainty of the original build and the extent of the existing organic waste. We understood that the plan had to be adaptable given the unknowns and ultimately the hours of machinery required varied from the initial plan but ultimately the project was successfully delivered.

PRODUCTS

Some of the following biological treatments included:
Gypsum additive to improve chemistry balance and reduce the water turbidity

RESULTS



846

tonnes of material removed from these ponds



1,100

Mozambique Tilapia were removed from the system



3,000

Gambusia spp were removed from the system



250

Native fish were relocated within the system

PLUS!

- ✓ 15 turtles relocated within the system no losses
- ✓ 390 tonne of rock was added to reduce future risk and improve maintenance access thereby reducing future de-watering and access costs