

Project summary

Discovery Parks operates the Lake Hume Holiday Park which is located adjacent to future residential and holiday development areas at Bonegilla. Historically the park has operated with a local septic system and Discovery Parks approached Fifteen50 to assess the potential to connect into a nearby sewer line as a permanent solution.

The site wastewater pump station is in a sensitive environment being within an established holiday park and adjacent to Lake Hume. The discharge rising main solution is located within a complex services environment in the Murray Valley Highway road reserve.



Approvals process

Fifteen50 initially established the design basis, managed stakeholders, gained all planning approvals and produced detailed designs for construction.

We subsequently provided full project management and contract administration for construction of the works.

Fifteen50 staff have also provided design services for internal Park water mains, sewer mains and a retaining wall fronting Lake Hume.

Project Details

Client: Discovery Holiday Parks

Engagement: July 2017 to 2019

Detailed design elements

- Packaged Aquatic wastewater pumping station integrated into system (pictured left)
- 1,500m sewer rising main to be transferred to North East Water ownership and including:
 - Engineering survey
 - Pipeline construction Drawings
 - Compliance with WSSA standards
- Fire services ring main including certification to NSW standards.

Core services provided

The Lake Hume project highlights the following Fifteen50 services:

- Water resource engineering design
- Stakeholder management
- Planning approvals
- Project, contract (AS 4305) and construction management

