

MEETING STRINGENT DISCHARGE LIMITS FOR DAYDREAM ISLAND RESORT WITH ROADTRAIN® PACKAGED PLANTS

CASE STUDY

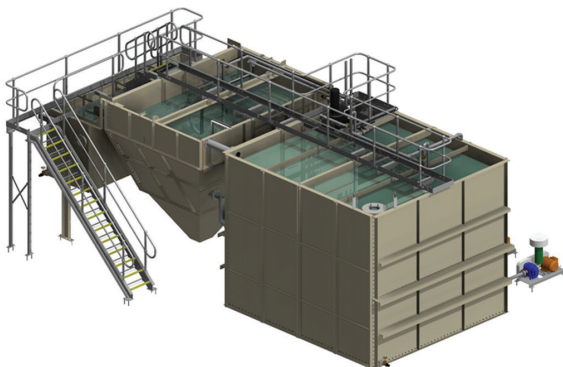


Hydroflux Epco Roadtrain® packaged sewage treatment plants have been used in numerous holiday destinations by some of the largest resorts.

Daydream Island installed a rectangular welded Roadtrain® system to treat their onsite sewage and wastewater, for environmental discharge.

The Roadtrain® treatment system included:

- Equalisation Tanks
- Fine Screening for solids removal
- Aerobic Reactor
- Secondary Clarification
- Disinfection
- Sludge Drying Beds
- Controls and SCADA



Item	Value
Capacity	450 EP
Process	Extended aeration
TN Limit	20 mg/L
TP Limit	5 mg/L
Faecal Coliforms	100 cfu/100mL
Year	2002

Roadtrain® is not only mechanically robust, but also simple to operate. Roadtrain® has been developed over many decades specifically for remote locations that require a high performance sewage treatment process with minimum operator input.

To facilitate site installation the process tanks were delivered as pre-fabricated painted steel tanks, which reduces site installation time which is key in a project such as this due to its remote location.

Hydroflux Epco packaged plants are operating across 4 continents with over 150 installations.

The systems are ideal for remote locations, where a robust process and mechanical design along with minimal operator attendance is required.