

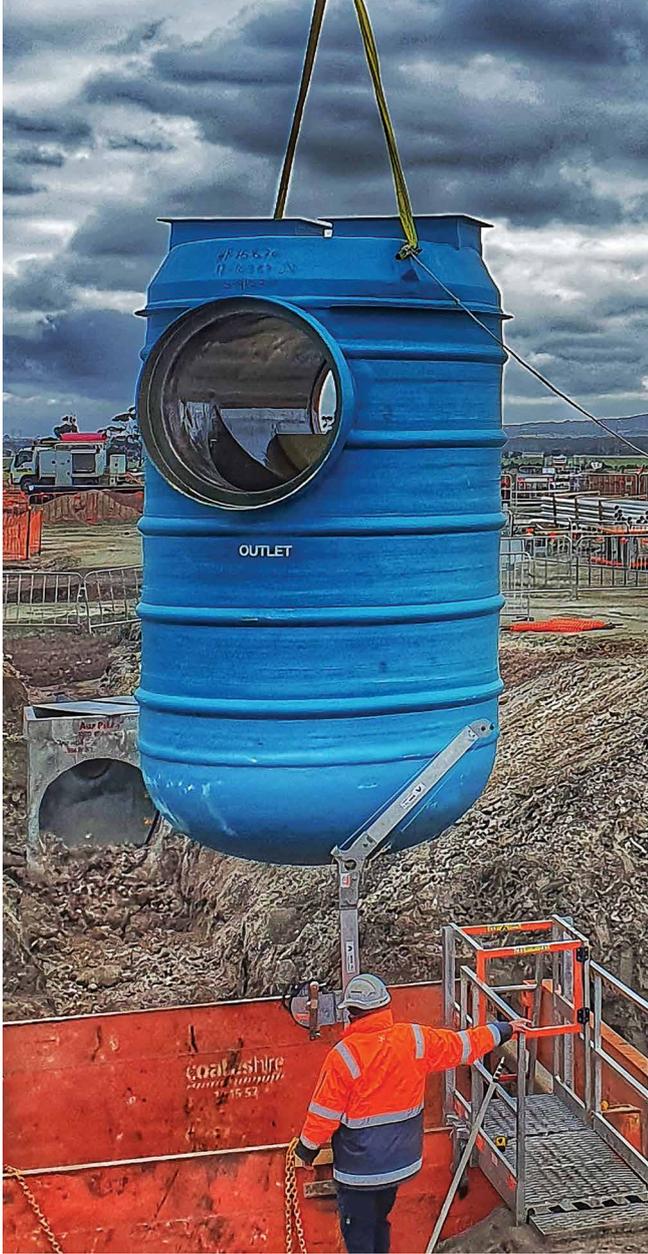
SPEL Ecoceptor

In-line Gross Pollutant Trap (GPT)



spelstormwater
joy in water

spel.com.au



APPLICATIONS

- Shopping precincts
- Commercial zones
- Recreational grounds
- Light industrial areas
- Beaches and parks



BENEFITS

The SPEL Ecoceptor is delivered to site fully assembled saving on installation time and crane costs. The SPEL Ecoceptor fibreglass GPT can be installed in all types of trafficable zones, including vehicular truck (Class D). (Subject to the installation of an engineered cast in situ concrete slab.)

The cylindrical shape of the SPEL Ecoceptor with its sloped cone-configured base ensures sediment accretes at the centre of the Ecoceptor's base facilitating easy and simple cleaning.

The poly/fibreglass construction ensures that oil and grease are removed without sticking to the sides of the internal walls.

Flow rates on standard units of up to 2800 LPS and can fit pipe sizes from 150mm to 1800mm (other sizes available on request).

The SPEL Ecoceptor is a hydrodynamic in-line Gross Pollutant Trap (GPT) that has a unique treatment action producing low velocity conditions (and extended dwell times to separate pollutants), resulting in discharge water quality outcomes complying to statutory guidelines across Australia.

It separates and captures sediments, silt, total suspended solids, and oil and grease. Oil & grease rise to the "oil-capture" zone of the treatment chamber and are contained in all flow events.

Areas with a high fraction of impervious surfaces, including car parks, ports, streetscapes, roads, subdivisions and industrial estates that require stormwater treatment are ideal for the SPEL Ecoceptor. MUSIC node is available on request.

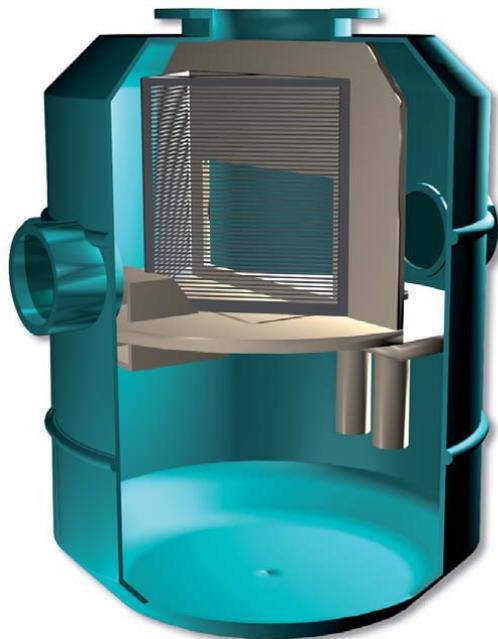
The one-piece, self-contained fibreglass construction, is lightweight and yet robust in strength making it simple and cost-effective when performing installations.



CLASS 3 ECOCEPTOR

“Class 3 Ecoceptor” act as gross pollutant traps and at the same time improves stormwater quality.

They separate and capture gross pollutants, sediments and silt. Light liquids (petroleum hydrocarbons) rise to the top of the lower chamber while sludge settles on the bottom.



FEATURES

- Unique stainless steel V screen collects gross pollutants
- Easy access to all parts for desludging and oil removal
- Can handle high flows
- By-pass operation when very heavy rain persists, preventing “back up”
- Units are factory-made to suit any application
- Fibreglass construction
- Minimum on-site labour costs
- Flow rates up to 2800 LPS

Options:

- Trafficable lid types
- Different pipe configurations and sizes
- Manhole risers
- Larger tanks

Tested Treatment Efficiencies*

Pollutant	Efficiency
Gross Pollutants (GP)	95%
Total Suspended Solids (TSS)	71%
Total Phosphorus (TP)	69%
Total Nitrogen (TN)	47%
Petroleum Hydrocarbon	93%

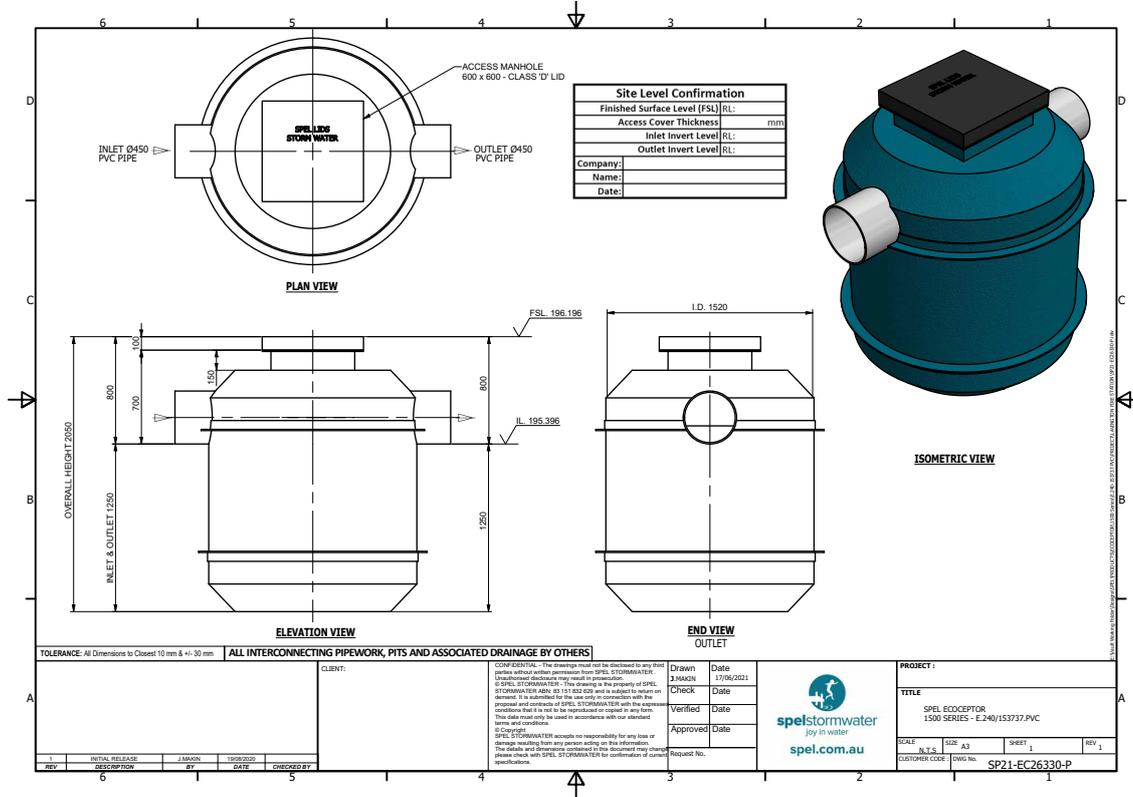
*Contact Spel to confirm approved performance for the project LGA Organic/particulate component of the nutrient only.

APPLICATIONS

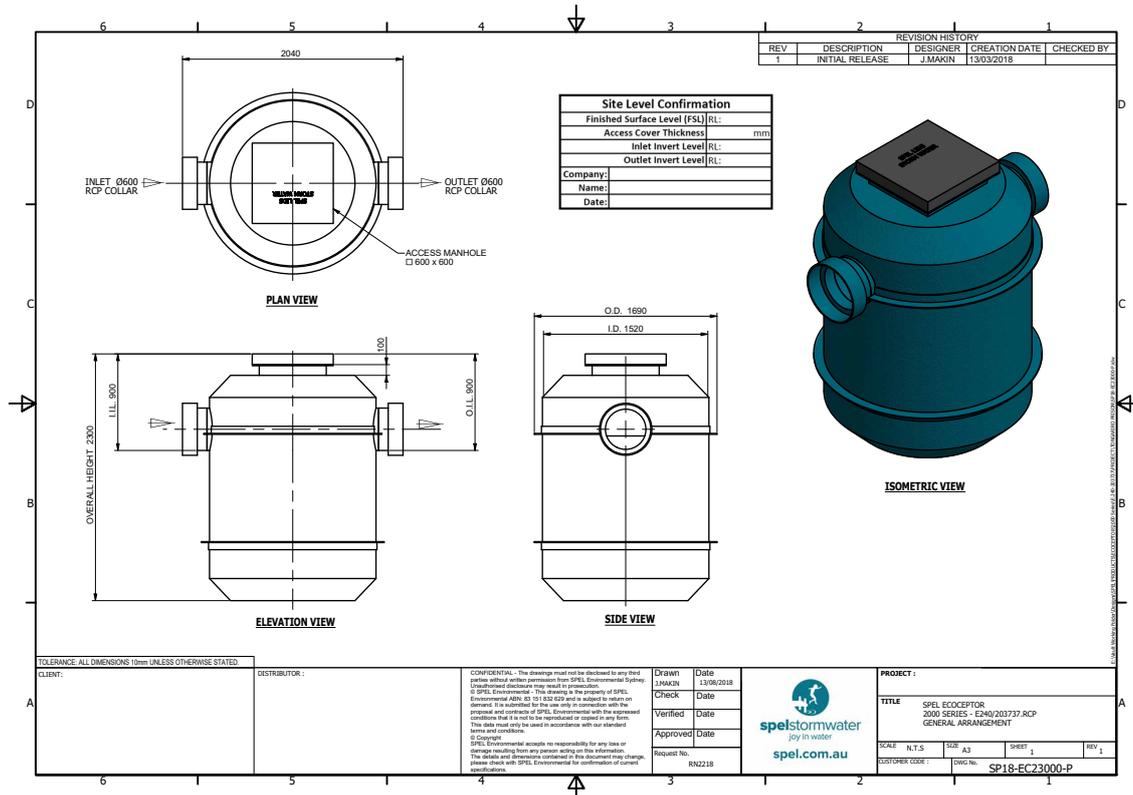
- Car parks
- Industrial estates
- Town houses

DRAWINGS

1500 Series

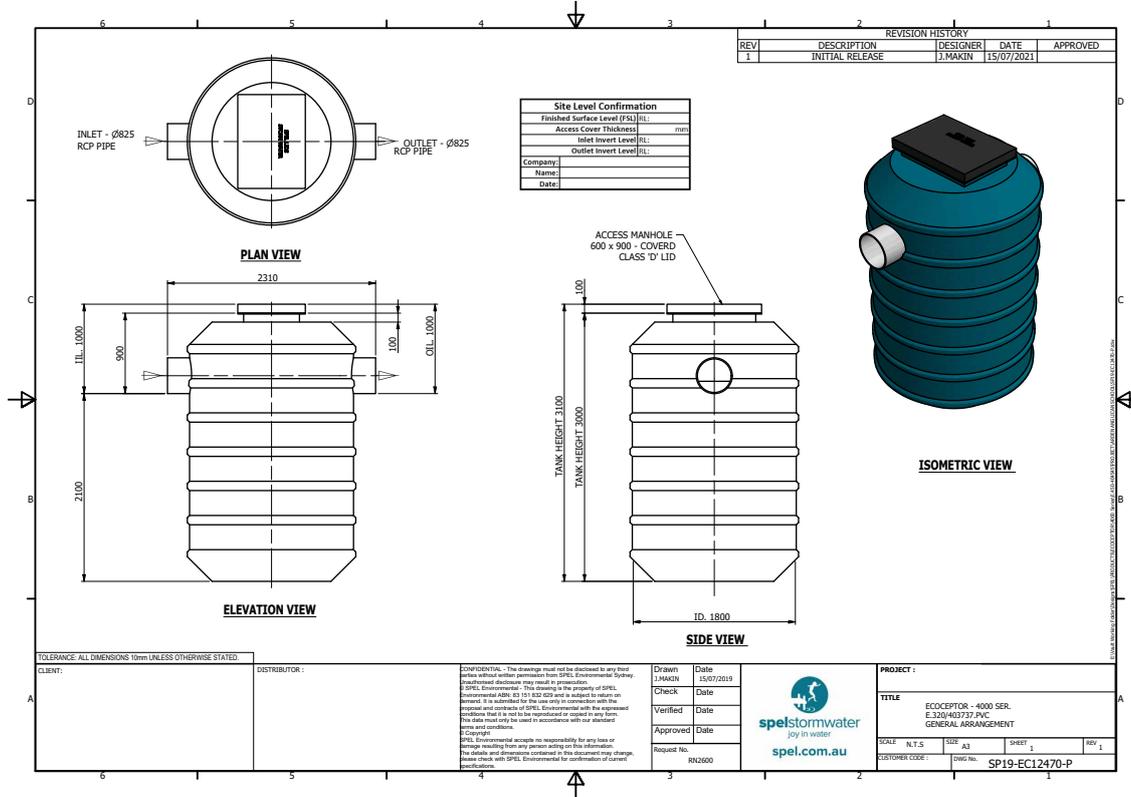


2000 Series

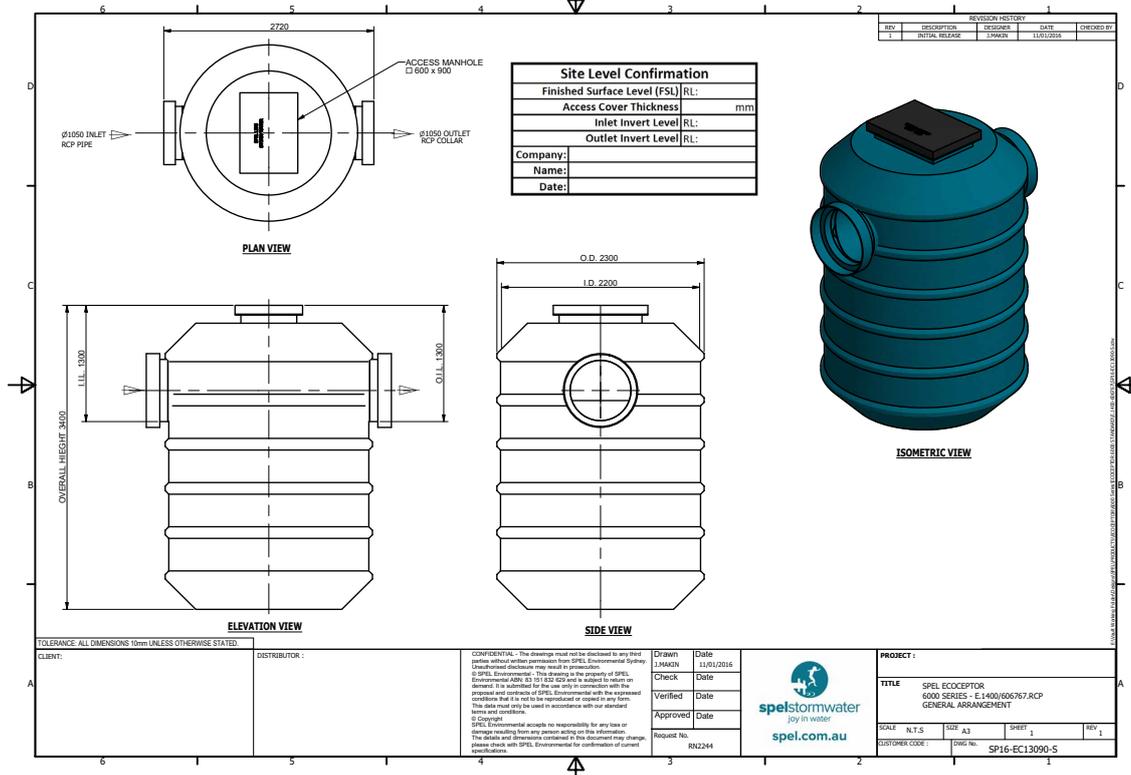


DRAWINGS

4000 Series

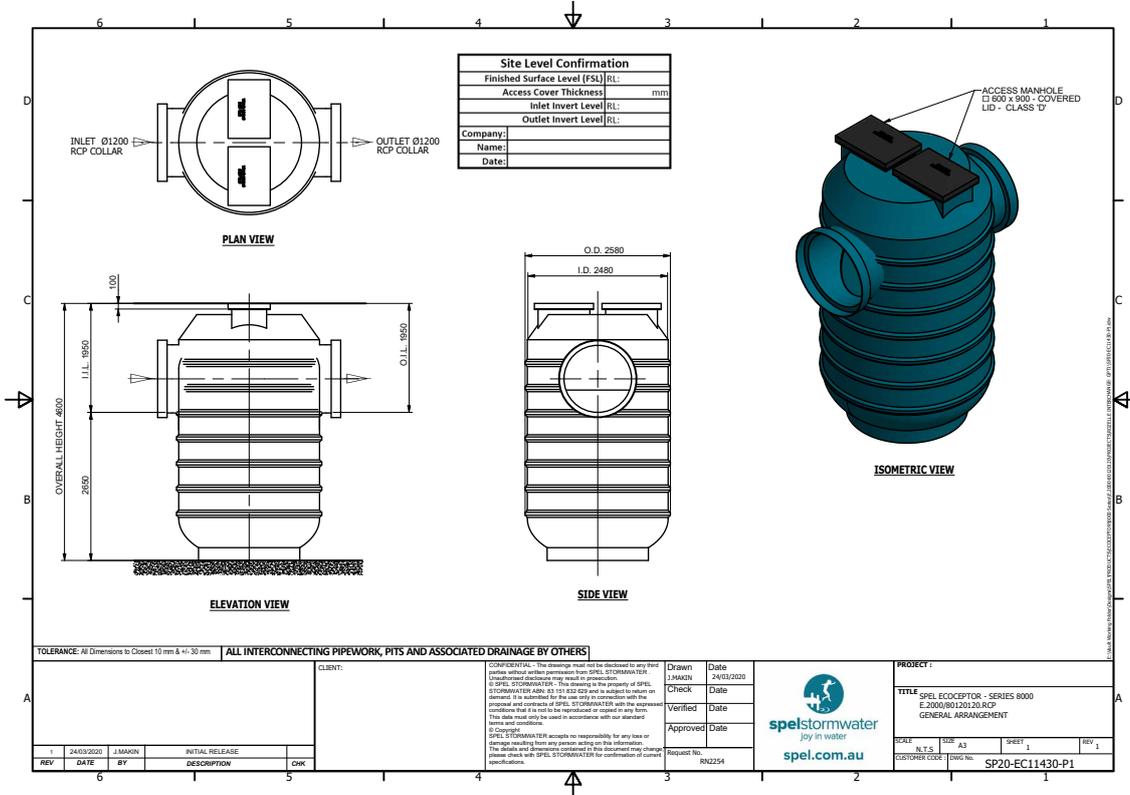


6000 Series

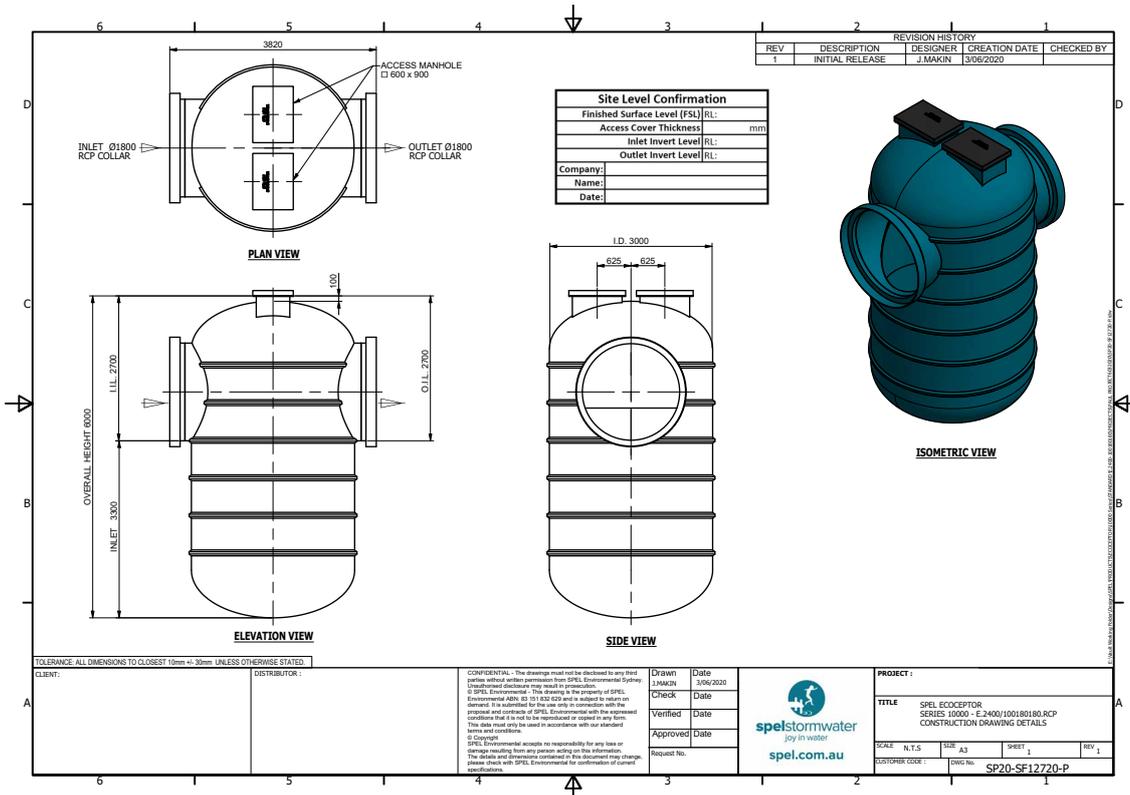


DRAWINGS

8000 Series



10000 Series



SPEL Ecoceptor

In-line Gross Pollutant Trap (GPT)

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We believe clean water is a right not a privilege and we work to ensure a joy in water experience for you with your children and grandchildren.



spelstormwater
joy in water

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