



Standards Alert

Wet Well Sewage Pumping Stations - Design Checklist (Civil, Mechanical & Structural) – version 3 (D0001217) is now available

Why has the Design Checklist been updated?

The document has been reviewed and updated as part of the 3-year review cycle to include structural requirements and alignment with the current version of Sydney Water Edition of WSA 04 and relevant standards. The Checklist will be updated again with the publication of the new version of SW Edition of WSA 04, which is expected around mid-2025, to ensure it aligns with the new Code.

What has changed from the previous version?

Key changes from the previous version include:

- The Checklist has been expanded to include structural design.
- Some items have been further detailed to align with the referenced Codes and Standards.
- The document has been reformatted to align with Sydney Water style guides.

How do these changes impact users and what are the key benefits?

The Design Checklist doesn't specify any additional technical requirements. It is aligned with the current Codes and Standards and it is meant to be used as an additional design and quality assurance tool.

The Checklist must be completed by the design verifiers and submitted with design documentation as a proof of verification. It may also be used as a quick guide by the designers, Sydney Water stakeholders, project managers, project engineers and commissioning engineers. The Checklist aims to:

- improve the quality of designs for submersible, wet well SPSSs,

- ensure greater consistency in designs and compliance with the current Codes and Standards,
- serve to feedback lessons learnt for improvements,
- reduce rework and delays,
- increase efficiency in design and review time and effort,
- improve confidence in designs solutions, and
- expedite construction, commissioning and hand over.

When do these changes become effective?

- For projects where design has commenced, the ver. 2 of the Design Checklist can continue to be used.
- For projects where design has not yet commenced, the new version should be used.

Where can I find the new version?

- [iConnect](#)
- [SWDelivery Portal](#)
- [Sydney Water website](#)

How can I provide feedback?

If you have any feedback on the DTC drawings, please email standards@sydneywater.com.au.