

Transitioning to Asset Design As Constructed data specification

Information Sheet

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Council has adopted the Asset Designed As Constructed (ADAC) data specification for all newly constructed assets.

As at 30 June, 2015, Council has more than \$6.2 billion in assets, with the city's population continuing to grow at 2.2 per cent a year. Having good data on assets (spatial, attribute and metadata) is essential to ensure these assets are effectively managed into the future to provide services to the community. It is for this reason Logan City Council has chosen to adopt the ADAC data specification.

The ADAC concept

ADAC enables standardised electronic transfer of asset design and as constructed data between asset constructors and asset owners. It is developed and maintained by the Institute of Public Works Engineers Australia, Queensland Division (IPWEAQ), in conjunction with a consortium of Local Government agencies in Queensland.

Compliant ADAC XML files contain a structured and precise digital record of the assets described in the "As-Constructed" plans and other associated engineering documentation. Details include survey-accurate cadastral and boundary references, geometries and relative levels as well as detailed asset records and required attributes.

ADAC for Water & Sewerage assets

The provision of compliant ADAC XML files has been a requirement for all water supply and sewerage infrastructure assets since 1 July 2013, when the Queensland Government legislated the *South East Queensland Water Supply and Sewerage Design and Construction Code* (or the SEQ Code).

The SEQ Code Asset Information Specification (AIS) is applicable to all planning, designing and construction of these assets so it is of interest to developers, engineers, consultants, constructors, product suppliers – essentially anyone who donates or constructs these assets which will ultimately be owned by Councils in South East Queensland.

The New Logan Planning Scheme

On 18 May, 2015, the new Logan Planning Scheme came into effect. It is now a requirement under *Schedule 6, PSP*

5, Part 5.6.2 for compliant ADAC XML files to be lodged for all asset classes including:

- Transport
- Stormwater drainage
- Open Space
- Water Supply
- Sewerage

This is included in the usual bundle of "As-Constructed" information required by Council as a part of the handover of nominated works and associated donated civil assets and infrastructure.

ADAC XML files exemptions

Any development that creates equal to or less than fifty (50) metres of water supply, sewerage or stormwater infrastructure **and** creates less than five (5) lots will not be required to submit a compliant ADAC XML file.

ADAC Versions

Council will accept ADAC XML files in the latest version of 4.1 format until 30 September 2016. After which, only version 4.2 will be accepted.

Effective date

For any Operational Works Approvals granted from 18 May 2015, compliant ADAC XML files are to be lodged for **all asset classes** as part of "As Constructed" handover, subject to the conditions of the planning approval.

Additional Resources

Select any of the below subject topics to access further relevant information for ADAC:

- [Schedule 6, PSP 5, Part 5.6.2](#)
- [Logan Planning Scheme 2015 and superseded schemes](#)
- [SEQ Code](#)
- [SEQ Code Asset Information Specification](#)
- [IPWEAQ FAQ's](#)
- [ADAC Schema](#)

For more information

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