

A contractor's experiences in stormwater asset data collection for Australian council's

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¹Proterra Group, Toowoomba, QLD

Proterra Group have been conducting Survey, QuickView and CCTV inspections of stormwater assets for over five years now. This paper has been developed to share our experiences, both good and bad in an effort to aid Council's in conducting their stormwater asset inspection programs efficiently and effectively.

Based in Toowoomba QLD, we are a mid-sized consultancy, with our services being adaptive and responsive to regional challenges. Since introducing Asset Data collection to our service offering, we have grown this part of the business and have now completed inspections on over 20,000 assets for a variety of Councils across Australia.

What we do:

- Collaboration with Local Councils to ensure data attributes collected are not only as per specification but also relevant to their organisational requirements;
- Accurate asset location services via RTK survey equipment with export and manipulations into GIS MapInfo / Shape files as required for GIS departments with the provision of an excel document for others;
- Condition assessment of assets dependent on the scope of works, options include photos, QuickView or CCTV; and

Challenges:

- Unrealistic scopes / data attribute schemas – collaboration to get it right;
- Inaccurate data / number of assets within the area – field survey assists and we map and manipulate the data for them, so it's easy to use.
- Communication on numbers – keep the client informed, council to understand where we are so it doesn't interact with their own internal works program and keeping money in mind.