



Maintenance Priority Report – Taroom Reservoir

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|---------------|------------|-----------------|----------------------|
| Date: | 19/06/2014 | Client Name: | Banana Shire Council |
| WS #: | 0 | Reservoir Name: | Taroom WPT No2 |
| Asset No: | 0 | Location: | 6 Cranmer St, Taroom |
| Job No: | 026040 | Project Number: | 0 |
| Cleaning Due: | 15/6/2017 | Inspection Due: | 19/6/2018 |

External

| Area | Priority | Status | Comments |
|---------------|---|--------|--|
| Roof |  2 | A | The central box gutter is no longer supported underneath as the form ply has delaminated and collapsed into the tank |
| Bird Proofing |  1 | A | There is nothing to stop birds sitting on the aerator and there is evidence of bird faeces in the area |

Internal

| Area | Priority | Status | Comments |
|------|----------|--------|----------|
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Comments

External Comment:

The aerator and central box gutter both pose a significant contamination risk. The aerator provides a good bird roost area and there is evidence of bird faeces down the pipe into the water system. The central box gutter supports have collapsed into the reservoir and therefore it no longer has structural integrity. In a heavy rain event it may collapse under the water weight, taking with it roof contaminants. There was no lock on the entry hatch preventing unauthorised access.

Internal Comment:

There is corrosion on the lower sections of the overflow and lot of debris from the gutter formwork which has collapsed. Some of the rafters are displaying surface corrosion due to the hot, moist conditions within the tank.

Maintenance Priority Report – Theodore Reservoir

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|---------------|------------|-----------------|--|
| Date: | 19/06/2014 | Client Name: | Banana Shire Council |
| WS #: | 0 | Reservoir Name: | Theodore WTP CWT |
| Asset No: | 0 | Location: | Lot 2, Eidsvold -Theodore Rd, Theodore |
| Job No: | 026039 | Project Number: | 0 |
| Cleaning Due: | 15/6/2015 | Inspection Due: | 19/6/2018 |

External

| Area | Priority | Status | Comments |
|-----------|----------|--------|---|
| Roof | 2 | A | The central roof drain is a big water quality risk - it would overflow directly into the reservoir during a high rain event |
| Handrails | 2 | A | There are no handrails around the roof area |

Internal

| Area | Priority | Status | Comments |
|----------|----------|--------|--|
| Overflow | 2 | A | The overflow base and riser are heavily corroded |

Comments

External Comment:

The biggest water quality risk is an overflow of the central box gutter. There are no upper sides to it and during a rain event would allow contaminated roof water to spill into the reservoir. Handrails are required around the platform area to improve safety and a lock on the entry hatch to prevent unauthorised access. The reservoir is in need of cleaning but the scour valve needs to be replaced prior as it is currently not operational.

Internal Comment:

The overflow base and riser are heavily corroded. The floor was not inspected as it is covered with up to 600 mm of lime sediment.