

# Reservoir Benchmark Comments Report



28/12/2011

<b>Date:</b>	11/05/2011	<b>Client Name:</b>	All State City Council
<b>WS #:</b>	0	<b>Reservoir Name:</b>	High St No1
<b>Asset No:</b>	0	<b>Location:</b>	RHS off High Street
<b>Job No:</b>	024896	<b>Project Number:</b>	0
<b>Cleaning Due:</b>	11/5/2012	<b>Inspection Due:</b>	11/5/2012

**Security Benchmark:** ■ 1

**Contamination Benchmark:** ■ 1

## Security Comments:

There is no secure compound around the tank

## Contamination Comments:

The entry hatch is not secure against unauthorized access and contamination events can easily occur.

**Safety Benchmark:** ■ 2

**Confined Space Benchmark:** ■ 2

## Safety Comments:

Guard rails are required around the platform area.

## Confined Spaces Comments:

The internal ladder is heavily corroded and unsafe to use in a confined space entry or rescue situation.

**Carbonation (%):** 0

**External Structural Benchmark:** ■ 4

**External Coating Benchmark:** ■ 4

## External Inspection Comments:

The entry hatch and platform areas are not sealed against contamination - there are a significant amount of leaves inside the tank.

**Internal Structural Benchmark:** ■ 4

**Internal Coating Benchmark:** ■ 4

## Internal Inspection Comments:

The ladder is heavily corroded and should be replaced with a Nextep vertical FRP system 6800mm long when the platform is renovated - this ladder length has allowed for a platform renovation higher than the existing entry hatch level.

*Priority 0 Item requires immediate attention.*

*Priority 1 Item is in poor condition or otherwise non functional.*

*Priority 2 Item is to receive precedence during maintenance*

*Priority 3 Item is functional but deteriorated/ not in operational order.*

*Priority 4 Item is in good condition.*

# Reservoir Benchmark Comments Report



28/12/2011

**Date:** 14/06/2011  
**WS #:** 0  
**Asset No:** 0  
**Job No:** 024937  
**Cleaning Due:** 14/6/2015

**Client Name:** All State City Council  
**Reservoir Name:** Reservoir Hill No1  
**Location:** off Reservoir Hill Lane  
**Project Number:** 0  
**Inspection Due:** 14/6/2015

**Security Benchmark:**  4

**Contamination Benchmark:**  0

## Security Comments:

## Contamination Comments:

The roof gutter is unsealed and full of leaf debris - the entry hatch area is also unsealed around the edges.

**Safety Benchmark:**  2

**Confined Space Benchmark:**  2

## Safety Comments:

The asbestos roof is not safe to walk on and unauthorised persons could fall through it and into the tank.

## Confined Spaces Comments:

There is no solid area on the roof to set up a rescue system.

**Carbonation (%):** 76

**External Structural Benchmark:**  2

**External Coating Benchmark:**  4

## External Inspection Comments:

The entry hatch cover is not effectively sealed onto the surrounding frame area and contamination can enter the tank. The asbestos roof is unsafe to walk on and the centre gutter is unsealed and draining back into the tank. Most of the 12 side wall vents are open, as the mesh has corroded away, allowing small birds to enter the tank.

**Internal Structural Benchmark:**  3

**Internal Coating Benchmark:**  4

## Internal Inspection Comments:

There is corrosion present in the galvanized Z purlins, where moisture is collecting in the channel areas. Sediments can enter the pipework because the outlet penetration is level with the floor - a riser section is required.

*Priority 0 Item requires immediate attention.*

*Priority 1 Item is in poor condition or otherwise non functional.*

*Priority 2 Item is to receive precedence during maintenance*

*Priority 3 Item is functional but deteriorated/ not in operational order.*

*Priority 4 Item is in good condition.*