

# Tank Inspection Report



27/06/2023

**Job No:** 024897 **Reservoir Name:** High St No1  
**Inspection Date:** 11/05/2013 **Client Name:** All State City Council  
**Environment Type:** Urban **Location:** RHS off High Street  
**Inspected By:** D Barry **Inspection Due:** 11/05/2014  
**Clean Due:** 11/05/2012

## Details

**Construction Wall:** Concrete **Construction Floor:** Concrete **Construction Roof:** Aluminium  
**Shape:** OnGround **Depth:** 6.20 **Diameter:** 13.50  
**Length:** 0.00 **Breadth:** 0.00  
**Floor Area:** 143.06 **Capacity:** 0.89  
**Vehicle Access:** ■ Good **Tanker Access:** ■ Fair  
**Site Access:** ■ Good **Lifting Access:** ■ Fair  
**Ext Ladder Type:** Aluminium Vertical  
**Ext Ladder Cond:** ■ Fair **Ext Ladder Length:** 0.00  
**Int Ladder Type:** Galvanized Steel Angled  
**Int Ladder Cond:** ■ Poor **Int Ladder Length:** 0.00  
**Confined Space:** ■ 2 **Davit:** No **Davit Type:** None  
**Hatch Condition:** ■ Good **Hatch Length:** 0.80 **Hatch Breadth:** 0.80

## Penetrations

Penetration Type	Pipework Location	Position of Pipework	Size of Pipework	Screened
Inlet	Top	12	250	No
Outlet	Floor	12	250	No
Scour	Floor	12	150	No


*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.*

*Status A = Attention Required  
Status F = Item to be Reassessed  
Status D = Item to be Deferred until next Inspection*

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## External Inspection

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Structure:  4

Coatings:  4

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### External

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Area	Priority	Status	Comments
Compound	 Na	Na	There is no secure compound around the tank
Vandalism	 4	D	Appears to be in good order
Walls	 4	D	Appears to be in good order
Ladder External	 2	F	The external ladder is to be climbed by experienced personnel only
Entry Hatch	 1	A	The entry hatch is not sealed against contamination around the edges
Roof Platforms	 1	A	The platform area is not sealed against contamination - there are a significant amount of leaves inside the tank
Walkways	 Na	Na	No Comment
Roof	 4	D	Appears to be in good order
Roof Hatches	 1	A	The roof hatch is not secure against unauthorized access and there are a significant amount of leaves entering the tank
Handrails	 2	A	An improved guard rail system is required to upgrade personnel safety around the platform area
Davit	 Na	Na	No Comment
Ventilation	 Na	Na	No Comment
Bird Proofing	 4	D	Appears to be in good order
Electrical	 Na	Na	No Comment
Level Indicator	 Na	Na	No Comment

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### External Comments

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

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### Internal Inspection

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Structure:  4

Coatings:  4

Average Depth: 30.00

Water Clarity: Clear

Deposit Type: Lime

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## Internal

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Area	Priority	Status	Comments
Walls	4	D	Appears to be in good order
Columns	N/A	N/A	No Comment
Roof Spider	N/A	N/A	No Comment
Roof Framing	4	D	Appears to be in good order
Floor	4	D	Appears to be in good order
Inlet	4	D	Appears to be in good order
Outlet	4	D	Appears to be in good order
Scour	4	D	Appears to be in good order
Overflow	2	A	The overflow riser is heavily corroded
Mixer Motor	N/A	N/A	No Comment
Motor Type	N/A	N/A	No Comment
Supports	N/A	N/A	No Comment
Supports Type	N/A	N/A	No Comment
Ladder Internal	1	A	The ladder is heavily corroded and should be replaced with a Nextep vertical FRP system 6800mm long when the platform is renovated
Electrical	N/A	N/A	No Comment

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## Internal Comments

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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.

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# Tank Inspection Report



27/06/2023

**Job No:** 024913 **Reservoir Name:** High St No2  
**Inspection Date:** 23/05/2011 **Client Name:** All State City Council  
**Environment Type:** Urban **Location:** off High Street  
**Inspected By:** D Barry **Inspection Due:** 23/05/2013  
**Clean Due:** 23/05/2013

## Details

**Construction Wall:** Steel **Construction Floor:** Steel **Construction Roof:** Aluminium  
**Shape:** OnGround **Depth:** 8.60 **Diameter:** 31.00  
**Length:** 0.00 **Breadth:** 0.00  
**Floor Area:** 754.39 **Capacity:** 6.49  
**Vehicle Access:** ■ Good **Tanker Access:** ■ Poor  
**Site Access:** ■ Unknown **Lifting Access:** ■ Good  
**Ext Ladder Type:** Coated Steel and Platform  
**Ext Ladder Cond:** ■ Good **Ext Ladder Length:** 0.00  
**Int Ladder Type:** Galvanised Steel and Platform  
**Int Ladder Cond:** ■ Good **Int Ladder Length:** 8.30  
**Confined Space:** ■ 4 **Davit:** No **Davit Type:** None  
**Hatch Condition:** ■ Good **Hatch Length:** 0.80 **Hatch Breadth:** 1.00

## Penetrations

Penetration Type	Pipework Location	Position of Pipework	Size of Pipework	Screened
Inlet	Wall	1	300	No
Outlet	Wall	4	450	No
Scour	Wall	2	400	No

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## External Inspection

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Structure:  4

Coatings:  4

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### External

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Area	Priority	Status	Comments
Compound	 3	F	The compound fence has been impacted in several areas and repairs are required
Vandalism	 4	D	Appears to be in good order
Walls	 4	F	There is some graffiti on the lower sections
Ladder External	 4	D	Appears to be in good order
Entry Hatch	 4	D	Appears to be in good order
Roof Platforms	 2	A	The kick plates are sealed and allowing debris and water ponding to occur - large drainage holes need to be cut into the base areas
Walkways	 Na	Na	No Comment
Roof	 3	F	There are a number of missing roof screws around the centre roof vent area
Roof Hatches	 Na	Na	No Comment
Handrails	 4	D	Appears to be in good order
Davit	 Na	Na	No Comment
Ventilation	 4	D	Appears to be in good order
Bird Proofing	 4	D	Appears to be in good order
Electrical	 Na	Na	No Comment
Level Indicator	 Na	Na	No Comment

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### External Comments

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The kick plates are sealed and allowing debris and water ponding to occur - large drainage holes need to be cut into the base areas.

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### Internal Inspection

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Structure:  4

Coatings:  2

Average Depth: 15.00

Water Clarity: Clear

Deposit Type: Fine Silt

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*Priority 0 Item requires immediate attention.*

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## Internal

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Area	Priority	Status	Comments
Walls	3	A	Corrosion is developing on some of the lower welds
Columns	3	A	Corrosion nodules are forming on the lower areas and around the bases
Roof Spider	4	D	Appears to be in good order
Roof Framing	3	F	Minor corrosion is appearing on the joining areas
Floor	1	A	Corrosion nodules are forming over most of the floor - Cathodic protection will help prolong the coating life if it is installed promptly
Inlet	2	A	The inlet needs a flange and diversion nozzle fitted during re-coating to direct the water flow upwards and away from the floor area
Outlet	4	D	Appears to be in good order
Scour	4	D	Appears to be in good order
Overflow	3	D	Appears to be in good order
Mixer Motor	Na	Na	No Comment
Motor Type	Na	Na	No Comment
Supports	Na	Na	No Comment
Supports Type	Na	Na	No Comment
Ladder Internal	3	F	The ladder and platform are galvanized steel with corrosion present on the rungs
Electrical	Na	Na	No Comment

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## Internal Comments

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Corrosion nodules are forming over most of the floor - Cathodic protection will help prolong the coating life if it is installed promptly. The 1993 PWD coating report stated - minor pitting on the floor, and this problem has developed significantly over the last 15 years.

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# Tank Inspection Report



27/06/2023

<b>Job No:</b>	024937	<b>Reservoir Name:</b>	Reservoir Hill No1
<b>Inspection Date:</b>	14/06/2011	<b>Client Name:</b>	All State City Council
<b>Environment Type:</b>	Semi Rural	<b>Location:</b>	off Reservoir Hill Lane
<b>Inspected By:</b>	D Barry	<b>Inspection Due:</b>	14/06/2015
<b>Clean Due:</b>	14/06/2015		

## Details

<b>Construction Wall:</b>	Concrete	<b>Construction Floor:</b>	Concrete	<b>Construction Roof:</b>	Asbestos
<b>Shape:</b>	OnGround	<b>Depth:</b>	4.30	<b>Diameter:</b>	11.70
<b>Length:</b>	0.00	<b>Breadth:</b>	0.00		
<b>Floor Area:</b>	107.50	<b>Capacity:</b>	0.45		
<b>Vehicle Access:</b>	<span style="color: green;">■</span> Good	<b>Tanker Access:</b>	<span style="color: green;">■</span> Good		
<b>Site Access:</b>	<span style="color: green;">■</span> Good	<b>Lifting Access:</b>	<span style="color: green;">■</span> Good		
<b>Ext Ladder Type:</b>	Galvanised Steel Vertical				
<b>Ext Ladder Cond:</b>	<span style="color: green;">■</span> Good	<b>Ext Ladder Length:</b>	0.00		
<b>Int Ladder Type:</b>	Galvanised Steel Vertical				
<b>Int Ladder Cond:</b>	<span style="color: yellow;">■</span> Fair	<b>Int Ladder Length:</b>	5.30		
<b>Confined Space:</b>	<span style="color: yellow;">■</span> 2	<b>Davit:</b>	No	<b>Davit Type:</b>	None
<b>Hatch Condition:</b>	<span style="color: green;">■</span> Good	<b>Hatch Length:</b>	0.80	<b>Hatch Breadth:</b>	1.00

## Penetrations

Penetration Type	Pipework Location	Position of Pipework	Size of Pipework	Screened
Inlet	Floor	5	200	No
Outlet	Floor	5	200	No
Scour	Floor	5	150	No


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## External Inspection

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Structure:  2

Coatings:  4

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### External

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Area	Priority	Status	Comments
Compound	 Na	Na	There is no compound around the tank, but security is not a priority as there are houses close by
Vandalism	 4	D	Appears to be in good order
Walls	 2	F	There is a high carbonation factor of 76%, due to shallow steel covering
Ladder External	 2	F	The vertical external ladder has no effective security system fitted and it should only be climbed by experienced personnel
Entry Hatch	 2	A	The hatch cover is not effectively sealed onto the surrounding frame area and contamination can enter the tank
Roof Platforms	 2	A	There is no solid area present on the roof to set up a rescue system
Walkways	 Na	Na	No Comment
Roof	 1	A	The asbestos roof is unsafe to walk on and the centre gutter is unsealed and draining back into the tank
Roof Hatches	 Na	Na	No Comment
Handrails	 2	A	An improved guard rail system is required to upgrade personnel safety around the platform area
Davit	 Na	Na	No Comment
Ventilation	 1	A	Most of the 12 side wall vents are open, as the mesh has corroded away
Bird Proofing	 1	A	The defective side wall vents will allow small birds to enter the tank
Electrical	 Na	Na	No Comment
Level Indicator	 3	F	There is a small unsealed hole in the roof where the level indicator cable enters the tank

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### External Comments

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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.

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### Internal Inspection

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Structure:  3

Coatings:  4

Average Depth: 20.00

Water Clarity: Clear

Deposit Type: Fine Silt

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**Internal**

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Area	Priority	Status	Comments
Walls	4	D	Appears to be in good order
Columns	4	D	Appears to be in good order
Roof Spider	Na	Na	No Comment
Roof Framing	2	F	There is corrosion present in the galvanized Z purlins, where moisture is collecting in the channel areas
Floor	4	D	Appears to be in good order
Inlet	2	F	The inlet elbow is heavily corroded - the pipework runs across the floor on piers
Outlet	2	A	Sediments can enter the pipework because the outlet penetration is level with the floor - a riser section is required
Scour	4	D	Appears to be in good order
Overflow	2	A	The overflow base and riser sections are heavily corroded
Mixer Motor	Na	Na	No Comment
Motor Type	Na	Na	No Comment
Supports	Na	Na	No Comment
Supports Type	Na	Na	No Comment
Ladder Internal	3	F	The internal ladder is lightly corroded and should be replaced with a Nextep vertical FRP system 5300mm long when the tank is re-roofed
Electrical	Na	Na	No Comment

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**Internal Comments**

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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.

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# Tank Inspection Report



27/06/2023

**Job No:** 024944 **Reservoir Name:** Reservoir Hill No2  
**Inspection Date:** 17/06/2011 **Client Name:** All State City Council  
**Environment Type:** Semi Rural **Location:** off Reservoir Hill Rd  
**Inspected By:** D Barry **Inspection Due:** 17/06/2015  
**Clean Due:** 21/09/2008

## Details

**Construction Wall:** Concrete **Construction Floor:** Concrete **Construction Roof:** Colourbond  
**Shape:** OnGround **Depth:** 9.00 **Diameter:** 20.80  
**Length:** 0.00 **Breadth:** 0.00  
**Floor Area:** 339.62 **Capacity:** 3.00  
**Vehicle Access:** ■ Fair **Tanker Access:** ■ Poor  
**Site Access:** ■ Good **Lifting Access:** ■ Good  
**Ext Ladder Type:** Galvanised Steel and Platform  
**Ext Ladder Cond:** ■ Good **Ext Ladder Length:** 0.00  
**Int Ladder Type:** Galvanised Steel Vertical  
**Int Ladder Cond:** ■ Poor **Int Ladder Length:** 9.40  
**Confined Space:** ■ 2 **Davit:** No **Davit Type:** None  
**Hatch Condition:** ■ Good **Hatch Length:** 0.80 **Hatch Breadth:** 0.90

## Penetrations

Penetration Type	Pipework Location	Position of Pipework	Size of Pipework	Screened
Common Inlet Outlet	Floor	12	250	Yes
Scour	Floor	11	150	Yes

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.

Status A = Attention Required

Status F = Item to be Reassessed
















Status D = Item to be Deferred until next Inspection

## External Inspection

Structure:  3

Coatings:  4

### External

Area	Priority	Status	Comments
Compound	 2	F	There is a compound around the external ladder, but it will not keep out determined persons - there has been dumping activity around the site so regular checks are required
Vandalism	 3	F	Graffiti is an ongoing problem with this site, as it is used as a parking and dumping area
Walls	 2	A	There is concrete spalling under three of the rafter connection areas - a more detailed structural inspection should be carried out and repairs made as necessary
Ladder External	 4	D	Appears to be in good order
Entry Hatch	 1	A	The hatch cover is sealed but the roof is draining in under the hatch frame area, where the roof sheets join the platform
Roof Platforms	 1	A	There is an open area under the platform where it sits on top of the wall - this needs to be sealed off ASAP to stop possums from entering the tank
Walkways	 Na	Na	No Comment
Roof	 1	A	Water is ponding and draining back into the tank, where the roof joins the entry hatch frame - a gutter flashing needs to be fitted to drain the water away
Roof Hatches	 Na	Na	No Comment
Handrails	 4	D	Appears to be in good order
Davit	 Na	Na	There is no davit fitted
Ventilation	 4	D	Appears to be in good order
Bird Proofing	 0	A	Possums have been entering this tank on a frequent basis - the area under the platform, where it sits on top of the wall has been identified and needs to be sealed off ASAP
Electrical	 Na	Na	No Comment
Level Indicator	 Na	Na	No Comment

### External Comments

There is concrete spalling under three of the rafter connection areas - the carbonation factor of 35% is significant for the age of the tank. Water is ponding and draining back into the tank, where the roof joins the entry hatch frame - a gutter flashing needs to be fitted to drain the water away. Possums have been entering this tank on a frequent basis - the area under the platform, where it sits on top of the wall has been identified.

### Internal Inspection

Structure:  4

Coatings:  4

Average Depth: 30.00

Water Clarity: Clear

Deposit Type: Fine Silt and Debris

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## Internal

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Area	Priority	Status	Comments
Walls	2	A	Three areas of external spalling were noted where the rafters sit on top of the wall - the internal walls need to be checked in more detail for similar issues
Columns	4	D	Appears to be in good order
Roof Spider	4	D	Appears to be in good order
Roof Framing	4	D	Appears to be in good order
Floor	4	D	Appears to be in good order
Inlet	4	D	The inlet is common with the outlet
Outlet	4	D	Appears to be in good order
Scour	4	D	Appears to be in good order - the screen should be removed to assist in cleaning out the tank
Overflow	2	A	The overflow riser is heavily corroded
Mixer Motor	Na	Na	No Comment
Motor Type	Na	Na	No Comment
Supports	Na	Na	No Comment
Supports Type	Na	Na	No Comment
Ladder Internal	2	A	The ladder, cage and platform areas have significant corrosion present and should be replaced with a Nextep vertical FRP system 9400mm long
Electrical	Na	Na	No Comment

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## Internal Comments

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Three areas of external spalling were noted where the rafters sit on top of the wall - the internal walls need to be checked in more detail for similar issues. The ladders, cages and platform have significant corrosion present and should be replaced with a Nextep vertical FRP system 9400mm long - this will improve safety and water quality.

*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*

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*Priority 4 Item is in good condition.*

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# Tank Inspection Report



27/06/2023

<b>Job No:</b>	024961	<b>Reservoir Name:</b>	Reservoir Hill No3
<b>Inspection Date:</b>	7/07/2011	<b>Client Name:</b>	All State City Council
<b>Environment Type:</b>	Semi Rural	<b>Location:</b>	off Reservoir Hill Lane
<b>Inspected By:</b>	D Barry	<b>Inspection Due:</b>	7/07/2013
<b>Clean Due:</b>	7/07/2012		

## Details

<b>Construction Wall:</b>	Concrete	<b>Construction Floor:</b>	Concrete	<b>Construction Roof:</b>	Aluminium
<b>Shape:</b>	OnGround	<b>Depth:</b>	7.20	<b>Diameter:</b>	15.00
<b>Length:</b>	0.00	<b>Breadth:</b>	0.00		
<b>Floor Area:</b>	176.63	<b>Capacity:</b>	1.27		
<b>Vehicle Access:</b>	<span style="color: green;">■</span> Good	<b>Tanker Access:</b>	<span style="color: green;">■</span> Good		
<b>Site Access:</b>	<span style="color: yellow;">■</span> Fair	<b>Lifting Access:</b>	<span style="color: green;">■</span> Good		
<b>Ext Ladder Type:</b>	Galvanised Steel and Platform				
<b>Ext Ladder Cond:</b>	<span style="color: green;">■</span> Good	<b>Ext Ladder Length:</b>	0.00		
<b>Int Ladder Type:</b>	Galvanised Steel and Platform				
<b>Int Ladder Cond:</b>	<span style="color: red;">■</span> Poor	<b>Int Ladder Length:</b>	7.80		
<b>Confined Space:</b>	<span style="color: yellow;">■</span> 2	<b>Davit:</b>	No	<b>Davit Type:</b>	None
<b>Hatch Condition:</b>	<span style="color: green;">■</span> Good	<b>Hatch Length:</b>	0.60	<b>Hatch Breadth:</b>	0.70

## Penetrations

Penetration Type	Pipework Location	Position of Pipework	Size of Pipework	Screened
Inlet	Top	5	250	No
Outlet	Floor	4	250	No
Scour	Floor	4	150	No

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## External Inspection

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Structure:  3

Coatings:  4

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### External

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Area	Priority	Status	Comments
Compound	 4	D	Appears to be in good order
Vandalism	 4	D	Appears to be in good order
Walls	 2	F	There are several weeping areas on the upper wall joint - these could be crack injected with good results
Ladder External	 4	D	Appears to be in good order
Entry Hatch	 1	A	A raised edge and fitted cover are required to efficiently seal the tank against natural or deliberate contamination
Roof Platforms	 1	A	The platform area is not sealed - leaf debris and other natural contaminants are entering the tank
Walkways	 Na	Na	No Comment
Roof	 2	F	The gutter adjacent to the platform area is blocked with leaves and there is a tree overhanging the roof @ 4 oclock
Roof Hatches	 Na	Na	No Comment
Handrails	 4	D	Appears to be in good order
Davit	 Na	Na	No Comment
Ventilation	 4	D	Appears to be in good order
Bird Proofing	 4	D	Appears to be in good order
Electrical	 Na	Na	No Comment
Level Indicator	 Na	Na	No Comment

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### External Comments


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A raised edge and fitted cover are required to efficiently seal the tank against natural or deliberate contamination . The platform area is also not sealed - leaf debris and other natural contaminants are entering the tank.

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### Internal Inspection

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Structure:  4

Coatings:  4

Average Depth: 300.00

Water Clarity: Clear

Deposit Type: Fine Silt

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**Internal**

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Area	Priority	Status	Comments
Walls	4	D	Appears to be in good order
Columns	Na	Na	There are no posts fitted
Roof Spider	4	D	Appears to be in good order
Roof Framing	4	D	Appears to be in good order
Floor	4	D	Appears to be in good order
Inlet	4	D	Appears to be in good order
Outlet	4	D	Appears to be in good order
Scour	4	D	Appears to be in good order
Overflow	3	D	The overflow is corroded on the flange
Mixer Motor	Na	Na	No Comment
Motor Type	Na	Na	No Comment
Supports	Na	Na	No Comment
Supports Type	Na	Na	No Comment
Ladder Internal	2	A	The ladders and platform are heavily corroded - they are being replaced with a Nextep vertical FRP system 7800mm long
Electrical	Na	Na	No Comment

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**Internal Comments**

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The ladders and platform are heavily corroded - they are being replaced with a Nextep vertical FRP system 7800mm long.

*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.*

*Status A = Attention Required*

*Status F = Item to be Reassessed*

*Status D = Item to be Deferred until next Inspection*

# Tank Inspection Report



27/06/2023

<b>Job No:</b>	026079	<b>Reservoir Name:</b>	Reservoir Hill No4
<b>Inspection Date:</b>	12/08/2014	<b>Client Name:</b>	All State City Council
<b>Environment Type:</b>	Urban	<b>Location:</b>	Lot 100 Reservoir Hill Rd,
<b>Inspected By:</b>	D Barry	<b>Inspection Due:</b>	12/08/2018
<b>Clean Due:</b>	12/08/2022		

## Details

<b>Construction Wall:</b>	Concrete	<b>Construction Floor:</b>	Concrete	<b>Construction Roof:</b>	Colourbond
<b>Shape:</b>	Semi-inground	<b>Depth:</b>	6.30	<b>Diameter:</b>	25.00
<b>Length:</b>	0.00	<b>Breadth:</b>	0.00		
<b>Floor Area:</b>	490.63	<b>Capacity:</b>	3.09		
<b>Vehicle Access:</b>	<span style="color: green;">■</span> Good	<b>Tanker Access:</b>	<span style="color: red;">■</span> Poor		
<b>Site Access:</b>	<span style="color: green;">■</span> Good	<b>Lifting Access:</b>	<span style="color: green;">■</span> Good		
<b>Ext Ladder Type:</b>	Aluminium and Platform				
<b>Ext Ladder Cond:</b>	<span style="color: green;">■</span> Good	<b>Ext Ladder Length:</b>	0.00		
<b>Int Ladder Type:</b>	Aluminium and Platform				
<b>Int Ladder Cond:</b>	<span style="color: red;">■</span> Poor	<b>Int Ladder Length:</b>	6.80		
<b>Confined Space:</b>	<span style="color: yellow;">■</span> 2	<b>Davit:</b>	No	<b>Davit Type:</b>	None
<b>Hatch Condition:</b>	<span style="color: green;">■</span> Good	<b>Hatch Length:</b>	0.90	<b>Hatch Breadth:</b>	1.00

## Penetrations

Penetration Type	Pipework Location	Position of Pipework	Size of Pipework	Screened
Inlet	Floor	12	375	No
Outlet	Floor	8	300	No
Scour	Floor	6	300	No

*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.*

*Status A = Attention Required*  
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## External Inspection

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Structure:  4

Coatings:  4

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### External

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Area	Priority	Status	Comments
Compound	 4	D	There is no secure compound around the tank
Vandalism	 4	D	Appears to be in good order
Walls	 4	D	Appears to be in good order
Ladder External	 4	D	Appears to be in good order
Entry Hatch	 2	A	The hatch cover is not sealed where the ladder stiles pass through
Roof Platforms	 4	D	Appears to be in good order
Walkways	 Na	Na	No Comment
Roof	 4	D	Appears to be in good order
Roof Hatches	 Na	Na	No Comment
Handrails	 4	D	Appears to be in good order
Davit	 Na	Na	No Comment
Ventilation	 3	D	One roof vent has had impact damage but is still sealed
Bird Proofing	 4	D	Appears to be in good order
Electrical	 Na	Na	No Comment
Level Indicator	 Na	Na	No Comment

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### External Comments

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The entry hatch cover needs to be modified to seal against contamination - the internal ladder stiles need to be removed where they pass through the cover.

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### Internal Inspection

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Structure:  3

Coatings:  4

Average Depth: 15.00

Water Clarity: Clear

Deposit Type: Fine Silt

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*Priority 0 Item requires immediate attention.*

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*Priority 4 Item is in good condition.*

*Status A = Attention Required*

*Status F = Item to be Reassessed*

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**Internal**

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Area	Priority	Status	Comments
Walls	4	D	Appears to be in good order
Columns	2	A	The aluminium posts are heavily corroded with deep pitting
Roof Spider	Na	Na	No Comment
Roof Framing	2	A	The water level may be set too high - the major roof beams are showing signs of semi submersion on a regular basis
Floor	4	D	Appears to be in good order
Inlet	3	F	Heavily corroded around the edges
Outlet	4	D	Appears to be in good order
Scour	4	D	Appears to be in good order
Overflow	3	A	The overflow is heavily corroded on the riser
Mixer Motor	Na	Na	No Comment
Motor Type	Na	Na	No Comment
Supports	Na	Na	No Comment
Supports Type	Na	Na	No Comment
Ladder Internal	1	A	The light weight aluminium ladder is heavily corroded and not safe to use
Electrical	Na	Na	No Comment

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**Internal Comments**

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The light weight aluminium ladder is heavily corroded and not safe to use - it needs replacing with a Nextep vertical FRP ladder 6600mm long. The posts will also deteriorate over time and will effect water quality due to the heavy aluminium corrosion present.

*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.*

*Status A = Attention Required*

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