

1	No Comment
2	Appears to be in good order
3	There is no secure compound around the tank
4	The external ladder area is not secure against unauthorised access
5	The external ladder system is not safe for normal use and should only be accessed by experienced personnel
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7	There is vandal activity present so the external security needs to be regularly monitored and upgraded
8	The sketch plate area is corroded and needs to be recoated with a rust inhibitor to prevent further deterioration from occurring
9	There is heavy staining present on the coating
10	The entry hatch cover needs to be renovated to seal where the ladder stiles extend through
11	Unsealed areas are allowing natural or deliberate contamination to enter the tank
12	Stormwater and debris are collecting and draining back into the tank
13	The entry hatch should be modified. A sealed frame needs to be fitted, along with a hinged and overlapping hatch cover to prevent contamination from entering the tank
14	The hatch cover is not sealed around the edges and contamination can enter the tank
15	The entry hatch is too small for a safe diver access or rescue situation
16	The entry hatch cover is not sealed around the front edge area and where the ladder stiles pass through. It needs to be upgraded to prevent contamination from entering the tank
17	The sliding entry hatch cover is not sealed on the front edge and where the ladder stiles extend through. It needs to be changed to a drop over frame design with a hinged, fully sealed and secured cover
18	An improved guard rail system is required to upgrade personnel safety around the platform area
19	There is ponding occurring around the edges of the roof. The side flashings need to be removed to allow normal drainage to occur
20	The roof sheets need refixing around the edges to prevent storm damage from occurring
21	Some areas of flashing are loose and need refixing to prevent further wind damage from occurring
22	The roof edge flashings are stopping debris from draining away and this will corrode the edges of the roof sheets
23	The ventilation mesh is damaged and birds or vermin can enter the tank
24	The ventilation mesh under the eaves is damaged and birds or vermin can enter the tank
25	The tank is not sealed under the roof area and birds or vermin can enter the tank
26	Birds are flying in and out of the tank through multiple entry points in the roof, under the eaves and around the entry hatch area. There are also dead birds and eggs in the sediment

27	A Titan Arm and vertical FRP ladder system needs to be installed to make the tank confined space compliant
28	There is no solid or level area on the roof to set up a rescue system for confined space compliance
29	There are chains fitted into the guard rail system adjacent to the davit and these are not safe for personnel working in that area
30	There is a gate fitted into the guard rail system adjacent to the davit area
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32	There is exposed electrical wiring present
33	The cable is broken and the level indicator no longer operates
34	The depth scale is no longer legible
35	–
36	There is corrosion and deterioration present on the protective coating
37	There is heavy staining present on the coating
38	Osmotic blisters have formed under the coating
39	The coating lacks adhesion and is peeling off in several areas
40	There is light corrosion present
41	Corrosion is bleeding through the coating on most areas
42	There are significant corrosion nodules present
43	There is corrosion present on the flanges and fittings
44	There is corrosion present on the rafters
45	The Cathodic Protection system power should be increased to fully passivate the existing corrosion areas within the tank
46	The Cathodic Protection system appears to be effective in controlling the corrosion in coating defect areas
47	There is corrosion and deterioration present at the base of the wall floor area
48	There is significant corrosion bleeding through the bitumen coating
49	There are significant corrosion nodules present
50	Significant corrosion is present right across the floor area and structural damage is occurring. An Impressed Cathodic Protection system is required immediately to slow down the rate of deterioration until the tank is recoated. Recoating should be climate controlled to guarantee an effective outcome and good value for money expended
51	The roof framing fixing bolts are loosening off due to excessive flexing and need to be either fitted with nylock nuts or secured with loctite solution before structural damage occurs to the roofing system
52	The overflow base and riser sections are heavily corroded. This will be affecting water quality within the tank by reducing disinfection residuals
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54	The roof drainage is not properly connected into the overflow pipe and contamination events are occurring regularly
55	The overflow riser is ductile iron and not epoxy coated. It is beginning to corrode, particularly where the SS bolts and support brackets are fitted
56	The inlet should be directed up off the floor area with an HDPE directional nozzle to avoid disturbing the existing sediments and also to promote better mixing within the tank
57	The outlet is common with the inlet and it is level with the floor. An HDPE two-way nozzle should be fitted to limit sediment entry into the penetration and to blend the stored water more effectively
58	Sediments can enter the pipework because the outlet penetration is level with the floor. A riser section can be incorporated into an HDPE safety screen to overcome the problem
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60	There are no outlet screens present for diver safety
61	There is a brass screen present. The large surface area causes sediments to accumulate around the outlet penetration
62	There is a fibreglass screen present. The large surface area causes sediments to accumulate around the outlet penetration
63	The internal ladder system is heavily corroded and will be affecting the disinfection residuals within the tank
64	The ladder cage should be removed to improve diver safety and to make the tank confined space compliant
65	The internal ladder is heavily corroded and should be replaced with a vertical FRP system mm long