EPA Region 8 Drinking Water Unit Finished Water Storage Tank Checklist: Overflow

For either a Tank Inspection/Cleaning Report or an Unknown Integrity Significant Deficiency

Fill out one checklist per storage tank & submit labeled photos of each tank component with this form.

☐ **Inspection/Cleaning Checklist:** **Submit labeled photos of each tank component inspected.**

☐ **Unknown Integrity Checklist:** **Submit labeled photos of each tank component inspected.**

PWS Name:	PWS ID:		
Tank Name:	Tank ID:		
Proposed Cleaning/Inspection Date:	Actual Cleaning/Inspection Date:		
Name of Person Filling Out Form:	Title of Person Filling Out Form:		
I certify that this information is complete & accurate:		Date:	

Inspector Qualifications: *fill out regardless of which type of Checklist you are completing*
(answers to questions in this section should be "yes")

Name & contact information of inspector (if water system personnel) or inspection company:	
☐ Yes ☐ No	Has the inspector completed confined space training?
☐ Yes ☐ No	Did the inspector have a confined space entry permit?

Overall Tank Condition				
Significant Deficiency		**Required Correction**	**Proposed Completion Date**	**Actual Completion Date**
☐ Yes ☐ No	Are there issues with the tank foundation? Describe:	If "Yes", what repairs does tank inspector recommend?		
☐ Yes ☐ No	Does the tank appear structurally sound? If not, describe:	If "No", what repairs does the tank inspector recommend?		
☐ Yes ☐ No	Are there tank unprotected openings (breaches, leaks, daylight coming through tank in spots, etc).	If "Yes", explain type of breach & how it will be repaired.		
☐ Yes ☐ No	Is there corrosion developing in or on the tank?	If "Yes", explain where the corrosion is & how it will be repaired.		

Unknown Integrity/Tank Inspection Checklist: Overflow				
Significant Deficiency		**Required Correction**	**Proposed Completion Date**	**Actual Completion Date**
☐ Yes ☐ No	Does the tank have an overflow separate from the vent?	If "No", explain deficiency & how it will be corrected:		
☐ Yes ☐ No	Does the tank overflow exit the tank below the tank vent?	If "No", explain deficiency & how it will be corrected:		
☐ Yes ☐ No	Is the overflow accessible for inspection?	If "No", explain deficiency & how it will be corrected:		
☐ Yes ☐ No	Is it equipped with #24-mesh non-corrodible screen OR is it a duckbill valve OR a sealed flapper valve with a screen inside (*EPA recommends #24-mesh*)?	If "No", explain deficiency & how it will be corrected:		
☐ Yes ☐ No	Using a duckbill or flapper? Give last inspection date. If using a flapper valve, what is the screen size	If not known, state when it will next be inspected.		
☐ Yes ☐ No ☐ NA ("NA" only applies if answering question below "Yes" or "No")	Does the overflow discharge 12-24 inches above an inlet structure, splash plate or riprap? What is the height?	If "No", modify overflow to provide for an appropriate discharge height & discharge material.		

☐ Yes ☐ No ☐ NA ("NA" only applies if answering question above "Yes" or "No")	Does the overflow have an air gap of 3 or more pipe diameters above any storm or sanitary sewer or drain entrance?	If "No", explain deficiency & how it will be corrected:		
☐ Yes ☐ No	Is the discharge dry? Is any water that exits the overflow able to flow rapidly & freely away to avoid ponding?	If "No", explain deficiency & how it will be corrected:		
☐ Yes ☐ No	Is there a blockage, a too-small overflow, a level control malfunction, or other issue that causes overflow through the hatch or vent, or continuous overflow? **Overflow structure capacity should at least equal maximum fill rate.**	If "Yes", explain what is causing the problem & how it will be repaired:		
☐ Yes ☐ No ☐ NA ("NA" only applies if tank is not in a properly constructed building)	If tank is in a properly constructed building, is the overflow designed such that an overflow event will not damage electrical or other vulnerable components in the building through splashing or flooding?	If "No", explain deficiency & how it will be corrected:		
☐ Yes ☐ No	Is the overflow discharge point visible?	If "No", EPA recommends moving it to a place where it is visible to allow inspection & emergency overflow event detection.		
☐ Yes ☐ No ☐ NA ("NA" only applies if tank is not in a properly constructed building)	If tank is in a properly constructed building, does the overflow discharge to an inside floor drain or through piping to outside?	If "No", explain deficiency & how it will be corrected:		