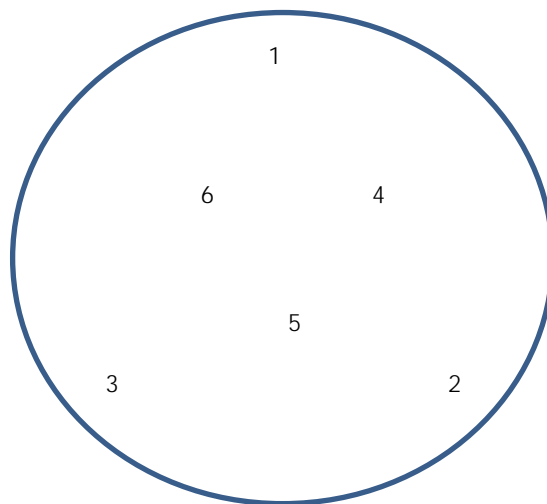


PLANT NUMBER:		DATE :	
SITE ADDRESS:		WORK ORDER NO.:	

TASKS

1. **Notify QUU**– Notify QUU Control Room and relevant contacts of arrival on site
2. **Disinfection of Equipment**- Disinfect all equipment and only use dedicated potable water equipment including a full dry suit, full face mask, air hose breathing apparatus, ROV, etc.
3. **Access and Procedures**- Implement procedures that ensure safe access to the roof of the reservoir for dive team and equipment and setup a sanitary working area that prevents any contaminants entering the water supply during opening of the hatch, diver entry and undertaking the inspection. Note that the reservoir will remain online during the inspection and will not be isolated from the water supply.
4. **Sedimentation Inspection** – Diver enters the reservoir and installs safety screen over outlet and takes measurement of sedimentation levels at various locations on the reservoir floor together with photos of each location and the measurement. I
5. **ROV Video Footage** - Captures ROV video footage of the internal reservoir structure including perimeter floor wall joint, floor joints, inlet, outlet, overflow pipe, ladders, mixer (if applicable)
6. **Still Photos** – Capture still photographs of internal reservoir structure including perimeter floor wall joint, floor joints, inlet, outlet, overflow pipe, ladders, mixer (if applicable), roof framing and roof sheeting, vermin proofing and any other internal component.
7. **Resecure Reservoir and Water Supply** – Remove all equipment, gear and temporary safety screen from reservoir and roof area and lock the reservoir access hatch.
8. **Reservoir Sedimentation Inspection** – Complete the inspection report in full
9. **Notify QUU**– Notify QUU Control Room and Relevant QUU Contacts that the inspection is complete and the reservoir and water supply has been resecured.

LOCATION FOR SEDIMENTATION MEASUREMENTS



SEDIMENT MEASUREMENT

Sedimentation level measurements to be taken approximately at locations indicated in the above diagram

- 3 locations evenly around the outer part of the reservoir
- 3 locations evenly around the inner part of the reservoir

Measurement 1	mm
Measurement 2	mm
Measurement 3	mm
Measurement 4	mm
Measurement 5	mm
Measurement 5	mm
Average	mm

Water - Sedimentation for Reservoir - Form - Inspection

(Internal Data and Photos also collected)

	Max. Measurement	mm		
RESERVOIR SPECIFICS		Yes	No	Unable to Determine
1.	Is a mixer installed in the reservoir?			
2.	Is a liner installed in the reservoir?			

RESERVOIR FLOOR		Yes	No	Unable to Determine
3.	Are there locations along floor joints where no sediment has accumulated potentially indicating leakage?			
4.	Are there locations along floor cracks where no sediment has accumulated potentially indicating leakage?			
5.	Was there any debris or foreign matter within the reservoir during the inspection? (not including sediment)			
6.	Is there any damage to the liner (if applicable)			

RESERVOIR INTERNAL WALLS ABOVE WATERLINE		Yes	No	Unable to Determine
7.	Is there any staining on the walls above the water line?			
8.	Is there any flaking render or coating			
9.	Is there any damage to the liner (if applicable)			
10.	Is there residue/build up on the wall above the water line?			
If answered yes to 7 or 10, please provide comments and clarify colour, texture and extent:				

RESERVOIR INTERNAL WALLS BELOW WATERLINE (MIN 3 PHOTOS REQUIRED)		Yes	No	N/A
11.	Is there any staining on the walls below the water line?			
12.	Is there any damage to the liner (if applicable)			
13.	Is there residue/build up on the wall above the water line?			
If answered yes to 11 or 13, please provide comments and clarify colour, texture and extent:				

RESERVOIR INTERNAL LADDER(S) & PLATFORM(S)		Yes	No	Unable to Determine
14.	Does the internal ladder(s), have any missing rungs?			
15.	Does the internal ladder(s), have any heavily corroded rungs or tuberculation?			
16.	Does the internal ladder(s) move or during decent?			
17.	Does the internal access platform(s) have any corrosion or tuberculation?			

RESERVOIR VERMIN PROOFING AND TOP OF WALL		Yes	No	Unable to Determine
18.	Is there any debris sitting along the top of the reservoir wall?			
19.	Are there any breaches to the vermin proofing observed from inside the reservoir?			
20.	Are there any indication of holes in the roof sheeting / roof structure observed from inside the reservoir?			

PHOTOGRAPHS & ROV VIDEO FOOTAGE (Mandatory)		PHOTO / VIDEO REFERENCES
21.	Photo – Overall Site	
22.	Photo – Overall Reservoir being inspected	
23.	Photo – Access hatch (Open)	
24.	Photo – Internal Ladders and Platforms	
25.	Photo – Inlet Pipe	
26.	Photo – Outlet Pipe	
27.	Photo – Overflow Pipe	
28.	Photo – Underside of roof framing	
29.	Photo – Any holes in roof seen from inside the reservoir	
30.	Photo – Any breeches of vermin proofing from inside the reservoir	
31.	Photo – Sediment Measurements	
32.	Photo – Mixer (if applicable)	
33.	ROV Video Footage – Full perimeter Wall Floor Joint	
34.	ROV Video Footage – All Floor Joints	
35.	ROV Video Footage – General footage around reservoir	
36.	ROV Video Footage – Any areas along floor joints where no sediment is present indicating a potential leak	
37.	ROV Video Footage – Any areas along floor crack where no sediment is present indicating a potential leak	
38.	Other -	
39.	Other -	
40.	Other -	
41.	Other -	
42.	Other -	
43.	Other -	

**Water - Sedimentation for Reservoir - Form -
Inspection**
(Internal Data and Photos also collected)

QUANTITY OF DEBRIS REMOVED FROM ROOF, GUTTERS< DOWNPIPES * SPITTERSAND COMMENTS	
Are corrective works required?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable
Additional Comments/Details:	

Inspected by (Print Name):	Date:
Qualifications	
Signed:	Date: