

Instructions:

1. The Major Connections Certifier is responsible of conducting the On Maintenance Field Inspection including completing this form;
2. The Major Connections Certifier must be in receipt of all relevant documentations as per the Unitywater Accreditation and certification Manual;
3. The meeting **must** be attended by the following, in addition to the Major Connections Certifier:
 - a. Construction Certifier;
 - b. Contractor's Supervisor; and or
 - c. Sub-Contractor – if not the Principal Contractor.
4. Before proceeding to the inspection of water meters, the Registered Major Connections Certifier must be in receipt of a completed Unitywater Subdivision Water Meter Installation Record. The Registered Major Connections Certifier must confirm each meter is correctly recorded against the lot it is installed to service.

Unitywater Connection Application No:	SP Plan:
Development Name / Street Name:	Total Number of Lots: Stage:
Construction Certifier Name:	Phone No:
On Maintenance Inspection Meeting Date:	

Table 1 - On Maintenance Field Inspection Attendance Record

Stakeholder Title	Name	Phone	Signature
Major Connections Certifier			
Construction Certifier			
Contractor's Supervisor			
Sub-Contractor (if relevant)			
Unitywater Auditor (if attending)			

Inspection Checklists:

Complete checklist for each item:

Table 2 – Water Reticulation - Valves

Compliant			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that valve spindles are fixed to valves, by tugging on the spindles.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that spindles are at the right height 75mm to 225mm from valve box lid and centrally located in box.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check if the valve box lids are to be trafficable or non-trafficable and have been painted white and with the correct paint.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the valve box is level with the FSL preventing a trip hazard.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the vale boxes are aligned with the Water mains.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that Valve (V) Brass kerb markers have been installed on the kerb with a white arrow
			Water Reticulation - (valves) Compliant: Yes <input type="checkbox"/> No <input type="checkbox"/>

Table 3 – Water Pressure Release Valve

Compliant			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the Pressure release valve pit is installed level with the FSL preventing a trip hazard.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the Pressure release valve is centrally located in the pit.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the right lid has been fitted to the pit, are they to be trafficable or non-trafficable.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the height of the Pressure release valve is between 75mm and 225mm from the lid.
			Water Reticulation - (Water Pressure Release Valve) Compliant: Yes <input type="checkbox"/> No <input type="checkbox"/>

Table 4 – Hydrants

Compliant			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the hydrants are at the right height 75mm to 225mm from valve box lid and centrally located to box opening
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that hydrants have been cleaned out properly and that the blue marker tape is visible.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the hydrant box lid is painted yellow with the right paint.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the hydrant box is level with the FSL preventing a trip hazard.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the hydrant boxes are aligned with the Water mains.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the hydrant (HP) Brass kerb markers have been installed on the kerb in the centre of the yellow painted square.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the Blue reflector road marker has been installed correctly, just off the centre of the road and in line with the hydrant and brass kerb marker.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the hydrant riser are DN 100 risers.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the hydrants aren't positioned more than 80m apart from each other.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that all end of the Water lines or connection points are installed with a Ducks foot hydrant.
			Water Reticulation - (Hydrants) Compliant: Yes <input type="checkbox"/> No <input type="checkbox"/>

Table 5 – Water Meters

Compliant			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that water meter boxes have been installed 300mm and 500mm of property boundary.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the Water Meter boxes are level with the FSL preventing a trip hazard.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that Water Meter box lids are to be trafficable or non-trafficable and that they are attached to the box with either a chain or cable.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that Geo fab material has been placed below the Water Meter box.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the Water Meters are Unitywater meters, the date of manufacturing, the size of the meter and if positioned horizontally in the box.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that all Water Meters have been fitted with a lockable brass ball valve.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the property connection is at least 600mm into the property.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Open each Water Meter valve allowing water to pass through to ensure that the connection is successful.
			Water Reticulation - (Water Meters) Compliant: Yes <input type="checkbox"/> No <input type="checkbox"/>

Table 6 –Poo Pits / Maintenance Shafts

Compliant			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the Poo pits lid is a 600mm Ductile iron class (D) LID.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the Poo pit lid is installed level with the FSL preventing a trip hazard.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the Poo pit has been flushed out and free of any silt material and rubbish.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the gravel surrounding the Riser shaft is compacted water resistant material and not lower than 80mm from lid.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that Poo pit riser shaft height is between 100mm and 250mm from the FSL lid.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that Bung rubbers have been fitted to the riser shafts lid.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the pink marker tape is visible.
			Sewer Reticulation - (Poo Pits / Maintenance Shafts) Compliant: Yes <input type="checkbox"/> No <input type="checkbox"/>

Table 7 – Sewer Man Holes

Compliant			
Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the Sewer M/H lid is installed level with the FSL preventing a trip hazard in pathways and 80mm to 100mm above FSL within the lots
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that Sewer M/H is clean and benching has been constructed properly.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that no interior joints have been Bagged.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that there are no leaks at the joint sections inside the M/H.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the Sewer M/H has been centrally positioned over the Sewer main.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the lid fitted is a Sewer lid.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that the neck of the Sewer M/H is not deeper than 350mm with an extension, normally 100mm deep.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Check that every property has a 40mm Orange conduit house connection installed starting at the invert level.

Sewer Reticulation - **(Sewer Man Holes)** Compliant: Yes No

Defects Rectification:

Any defects or non-compliance identified during the on maintenance field inspection must be listed below and rectification works completed before acceptance of the works on-maintenance.

Table 8 – Defects and Non-compliance Rectification

Identified Defect or Non-Compliance	Agreed Rectification Completion Date	Re-Inspection Date	Compliant:		Comments
			Yes	No	

The Registered Major Connections Certifier must ensure all identified defects and non-compliances are satisfactorily rectified before completing the following certification and accepting the works on maintenance.

Certification:

Certification

The Registered Major Connections Certifier will need to provide the following certification:

I, _____ from _____ on _____, certify that:

Name of Registered Certifier *Accredited Entity* *Date*

1. The On Maintenance Field Inspection has been satisfactorily completed, including re-inspection/s of completed rectification works;
2. The works are hereby accepted 'On Maintenance'.

Registered Connections Certifier Number: _____

Registered Connections Certifier Signature: _____