VALVE INSPECTION REPORT
SCOUR VALVE

Job Task:	To locate, inspect and report on the valve on each item specified in the inspection form. To take photos and reference photo numbers in the inspection form. To ensure all requirements to undertake the inspection are in place (traffic control, permits, shut plans, confined space) and pump out the valve pit if required. To provide comments on any maintenance required and any further detail on the condition of the valve. If GIS valve location, attributes or status is incorrect, to provide detailed marked up maps and correct information to QUU redlining.

Plant Number		**Work Order**	
Valve Size	**mm**	**Main Size**	**mm**
Manufacturer Type/ Year		**Trunk Main Set No. & Name**	
Address			

Scour VALVE Found?	☐ **Yes** ☐ **No**		**Indicator post?**	☐ **Yes** ☐ **No**
Location	☐ Road	☐ Footpath / Verge	☐ Private property	☐ Driveway
	☐ Easement	☐ Reserve / Park	☐ Adjacent to Waterway	☐ Other _____
Access	☐ Vehicular	☐ Pedestrian	☐ No Access	☐ Other _____
	☐ In pit	☐ Yellow Road	☐ Traffic Control	☐ Confined Space

ITEM	TICK YES	TICK NO	ACTION TAKEN	FURTHER ACTION REQUESTS / COMMENTS
1 PRELIMINARY				
1.1 Scour Junction type (✓) - Mild steel Flanged				
- Cast Iron Socketed				
1.2 Operating Equipment - Lengthening Piece fitted?				
- Length: top of pit/ top of spindle	_____mm			
- Secure from vandalism				
1.3 Type of Scour valve (✓) - Mechanical dewater				
- Mechanical dewater storm water overflow				
- Mechanical dewater/Retic connection				
- Mechanical dewater/Pressure scour				
- Mechanical dewater sw of/Retic connection				
- Scour branch outlet (to atmosphere)				
- Scour branch pressure scour line road/path				

ITEM	TICK YES	TICK NO	ACTION TAKEN	FURTHER ACTION REQUESTS / COMMENTS
- Valve Pit – Drained				
- Valve Pit – Mechanical dewater				
- Double Pit – Mechanical dewater				
1.4 Scour Pit construction - Concrete pipe 1.2 diameter				
- Poured concrete (circular or rectangular)				
1.5 Scour Pit lid type - Type _____				
1.6 Pit (Chamber/Cubicle) - Access satisfactory?				
- Pump required?				
- Ladder required to maintain scour?				
- Steelwork (Ladders, Platforms, etc)				
- Light/ Power (if applicable)				
1.7 Spindle Cap				
- Size of spindle cap - top	_____mm			
- base	_____mm			
- Length of spindle cap taper - top	_____mm			
- base	_____mm			
1.8 Bolts - No. & size body bolts _____ x _____ x _____ mm **Condition :** ☐Good ☐Poor - No. & size bonnet bolts _____ x _____ x _____ mm **Condition :** ☐Good ☐Poor - No. & size flange bolts _____ x _____ x _____ mm **Condition :** ☐Good ☐Poor				
2 CONDITION ASSESSMENT				
2.1 Gland Bolts /Nuts - Comments:				
2.2 Fasteners (including bonnet and flange bolts) - Excessive corrosion?				
2.3 Body - Bolts, Nuts & Washers				
- Pipe/Flanges – Condition & Corrosion				
- Paintwork Satisfactory?				
- Body Satisfactory?				
2.4 Extension Spindles - Welded type / Solid Type				
- Satisfactory? (If not, replace)				

ITEM	TICK		ACTION TAKEN	FURTHER ACTION REQUESTS
	YES	NO		COMMENTS
2.5 Spindle Cap - Securely fixed				
- Satisfactory condition				

Any Corrective Action? – access, valve & associated equipment or structure: ☐ Yes ☐ No

General Assessment & Comments

Describe the maintenance required (or any maintenance completed during the inspection).

Corrective work Priority: **Low** □ **Medium** □ **High** □

Shut plan required: ☐ Yes ☐ No **AH work:** ☐ Yes ☐ No

Traffic control requirement – "yellow" road permit: ☐ Yes ☐ No **Police: :** ☐ Yes ☐ No

Pipework Condition Rating for sandblasting repairs (1-3):

☐ **1 – Good condition (no pipework corrosion)**

☐ **2 – Fair condition (some corrosion on pipework – minor sanding & paint repair)**

☐ **3 –Poor condition (pipework very corroded - requires thickness test, sandblasting & repainting)**

Recommendation (further works and including assessment of remaining service life)

Redlining required: Maps detailed with correct location & attributes to be provided	☐ Yes ☐ No
Inspected by:	Date:

PHOTOS INSPECTION REPORT

Asset Information	Photo Numbers
