

# GRAVITY SEWER ACCEPTANCE TESTING RESULTS SHEET

## SEWER PIPELINE VACUUM TEST



<b>Street(s) / Section:</b>	
<b>Town:</b>	
<b>Contractor:</b>	
<b>Date of Test:</b>	
<b>Contractor's Testing Responsible Officer:</b>	
<b>Witnessed By:</b>	

### Pipeline Vacuum Testing:

- Two full working days notice to the responsible officer is required before any acceptance testing. Pressure or vacuum testing method is to be notified to the responsible officer **two full working days prior** to any acceptance testing. Failure to do so will require retesting to be carried out.
- Test pipeline length between maintenance structures is restricted to lengths of 250m maximum.
- Vacuum of 28kPa is to be maintained for 3 minutes, if no leaks occur isolate test section from the vacuum pump.
- Sewer passes test if vacuum does not fall more than 5kPa during test period, refer Table 2, page 175 WSA 02-1999.
- All testing must be witnessed by the Design Consultant, a Gippsland Water Officer or an independent auditor as authorised by Gippsland Water. Failure to do so will require retesting to be carried out at the contractor's expense.
- The test rig is to have two calibrated pressure gauges, both of which have been calibrated within the last twelve months and the calibration results forwarded to Gippsland Water. Both gauges must read inside 5% of the test head and of each other.

<b>Sewer Pipeline Vacuum Test Sheet</b>					
Maintain <b>vacuum</b> test pressure for 3 minutes minimum. Refer Table 1. Record readings below. <b>Sheet..... of .....</b>					
Maintenance structure		To maintenance structure		Vacuum Test Pressure Drop over test period	<b>kPa</b>
Vacuum pressure of 28kPa held for 3 minutes				<b>Pipeline section passes test</b>	
Maintenance structure		To maintenance structure		Vacuum Test Pressure Drop over test period	<b>kPa</b>
Vacuum pressure of 28kPa held for 3 minutes				<b>Pipeline section passes test</b>	
Maintenance structure		To maintenance structure		Vacuum Test Pressure Drop over test period	<b>kPa</b>
Vacuum pressure of 28kPa held for 3 minutes				<b>Pipeline section passes test</b>	
Maintenance structure		To maintenance structure		Vacuum Test Pressure Drop over test period	<b>kPa</b>
Vacuum pressure of 28kPa held for 3 minutes				<b>Pipeline section passes test</b>	
Maintenance structure		To maintenance structure		Vacuum Test Pressure Drop over test period	<b>kPa</b>
Vacuum pressure of 28kPa held for 3 minutes				<b>Pipeline section passes test</b>	
Maintenance structure		To maintenance structure		Vacuum Test Pressure Drop over test period	<b>kPa</b>
Vacuum pressure of 28kPa held for 3 minutes				<b>Pipeline section passes test</b>	
<b>Contractor Signature:</b> ..... <b>Date:</b> ..... Completed test result sheets to be submitted to Gippsland Water Responsible Officer or Gippsland Water Accredited Design Consultant with the as-constructed information / construction certification list.					