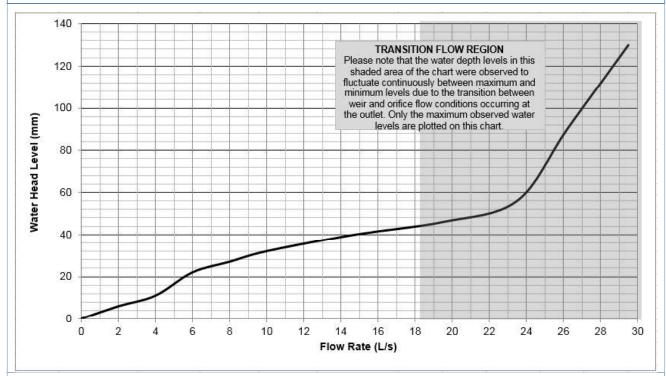
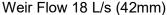


## Association of Hydraulic Services Consultants Australia – Research Foundation

## Flow Characteristic Curve - SIA150D2









Surcharged Flow - 20 L/s (40mm)

## **Observation Comments:**

- Flow rates from 0-18.0 L/s (42mm Head) produced a flat characteristic curve with stable water head levels.
- At 20.0 22.0 L/s the weir flow transitioned to vortex flow, cycling between vortex and surcharged flow.
- The maximum flow limit to maintain weir flow conditions is 18.0 L/s.

I hereby certify that the test results presented on this outlet performance certificate are true and correct and were obtained using recognised AHSCA Gutter Outlet Testing procedures.

Dr Terry Lucke,

Chief Researcher:

Mark Alexander.

AHSCA Foundation Chairman:

Date: 17<sup>th</sup> January 2017 Date: 17<sup>th</sup> January 2017

