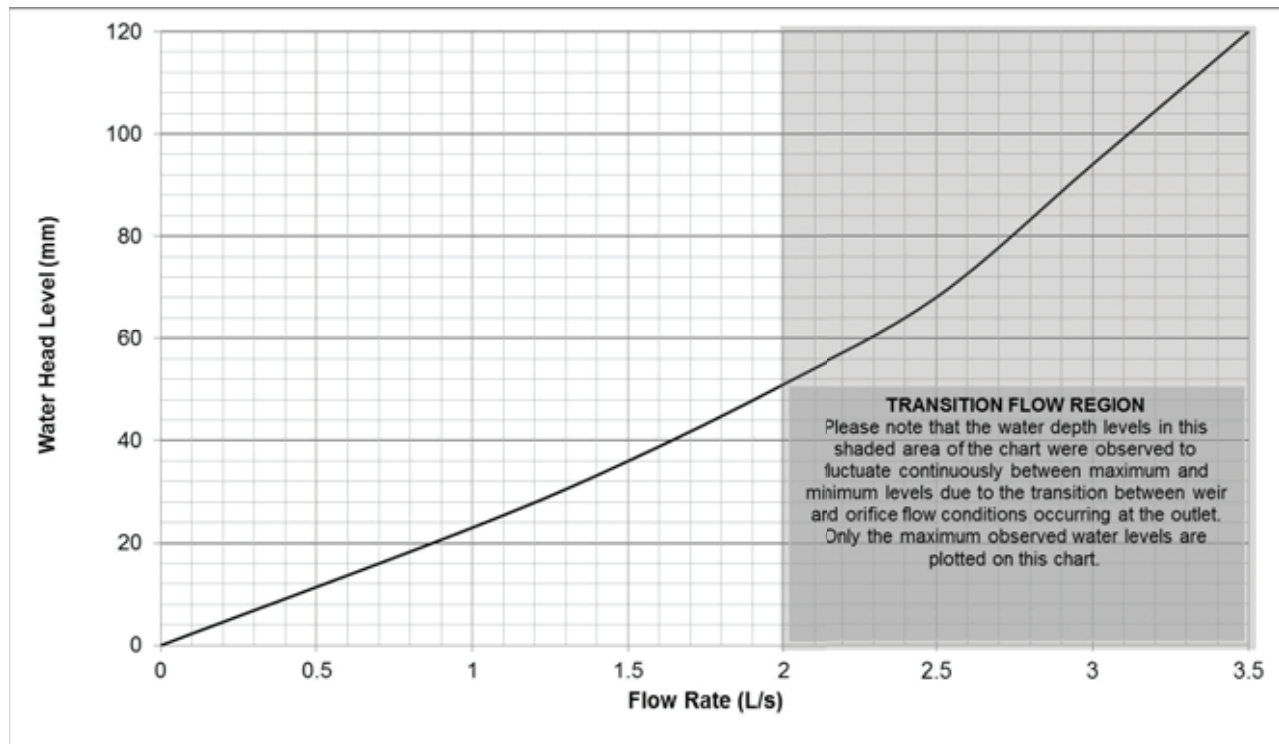


Flow Characteristic Curve – PD80CS



Weir Flow – 2 L/s (50mm)



Surcharged Flow – 3.5 L/s (120mm)

Observation Comments:

- Flow rates from 0-2.0 L/s (50mm Head) produced a flat characteristic curve with weir flow conditions.
- At 2.5 L/s the weir flow transitioned to vortex flow, then to surcharged flow at 3.5 L/s (120mm) characterised by a sudden priming of the outlet and water level fluctuating 50mm.
- The maximum flow limit to maintain weir flow conditions is 2.0 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: 16th November 2016

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