

Open Channel Flow Measurement

Whether you want to retrofit to an existing drainage system or set up a new flow measurement system, BPO can provide the full service.

- The staff at BPO have over 20 years' experience in open channel flow measurement.
- They can help you pick the most appropriate flow device to suit your needs and the level measurement technology best suited to the application.
- They will install it and integrate it into your information system.
- BPO can even provide web access to the data if that is the best fit for your application

Open Channel Flow Measurement: Flumes

Whether you want a new flume or weir, or wanting to retrofit to an existing drainage system, the team at BPO can provide the full service for the supply and install of your flow measurement system.

- V-notch Weirs
- Rectangular Weirs
- Cipoletti (Trapezoidal) Weirs
- Palmer Bowlus Flumes
- Venturi Flumes
- H-Style Flumes
- Parshall Flumes

BPO can supply and install in a range of materials to suit your needs. For weirs, we have a FRP option with a stainless steel weir plate.

BPO can also:

- Provide a flume and weir audit service where your existing device and measurement system is assessed against the relevant standard and accuracy levels are checked.
- Design, build and install open channel flow measurement equipment.
- Collect data and measurements for equipment upgrades.
- Assess applications of suitability for open channel flow measurements

Device Audits and Calibrations

BPO provides a flume and weir audit service where your existing device and measurement system is assessed against the relevant standard and accuracy levels are checked to international standards.

Freestanding units

Our freestanding units make possible precise level adjustment in the future (we do call New Zealand the Shaky Isles!) A full audit and calibration service can be provided for existing flow measurement devices.

- Assessment is against the relevant standard
- Accuracy levels are checked.



PRACTICAL PEOPLE,
PRACTICAL SOLUTIONS...
TALK TO US

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