



## Operation & Maintenance Instructions

### **Item: Crown Vortex Flow Control Unit**

#### Operation.

The Vortex Flow Control unit is a surface water regulator. It is entirely self activating and requires no manual intervention.

#### Maintenance

The flow control unit requires no routine maintenance. Action is only required in the event of a blockage or suspected blockage.

#### Inspection

The chamber containing the flow control unit and disc valve should be inspected in line with normal practice. Any debris or silt should be removed. Any visible fixing bolts should be checked. If an internal blockage is suspected the vortex unit can be inspected internally and cleaned out by opening the inspection/access cover on the upstream end. The cover must be replaced and secured before the unit becomes operational.

#### Emergency Draindown

An emergency draindown valve is provided in the chamber to allow the upstream system to be drained independently, bypassing the flow control unit entirely. The draindown valve is operated by pulling the wire cable fixed near the chamber access.