

**Review of Procedures for Operation and Maintenance of the Distribution Network
Avoidance of Rapid Fluctuations in Flow that could Disturb Sediment
Checklist for Assessment**

Water Company:

SCOPE

The document is expected to cover how the Company avoids rapid fluctuations in flow that could disturb mains sediment causing a discolouration incident.

GENERAL

Does the Company have a document giving guidance on the avoidance of rapid fluctuations in flow (Yes or No)?

Note: Checklist 10 covers the control and monitoring of hydrants by third parties.

If not, go straight to BBV Assessment of Company guidance at the end of the checklist

Company document title:

Company document reference

Date when the document came into force

GUIDANCE

Does the Company give guidance on the rate at which valves should be operated (Yes or No)?

If so, does this guidance give different rates for different valve sizes (Yes or No)?

Does any guidance on valve operation rates take account of different differential heads across the valve (Yes or No)?

Does the Company give guidance on the valve opening rates during step testing for leak location where mains have become depressurised through the step testing operation (Yes or No)?

Does the Company list the maximum flows from sourceworks, pumping stations and other supply points above which sediment disturbance could occur (Yes or No)?

If so, is this guidance documented in the operating rules for the individual facilities (Yes or No)?

List below other areas where the Company gives guidance on the avoidance of rapid fluctuations in flow.

BBV ASSESSMENT OF COMPANY GUIDANCE

Does the Company give documented guidance on the avoidance of rapid fluctuations in flow that might disturb sediment (Yes or No)?

If not, the recommendation is that Company produce such guidance.

Guidance - Where Company guidance is given, is it considered satisfactory (Yes or No)?

If not, identify those areas where the approach is considered deficient.

BBV Quality Assurance

Checklist completed by Date

Checklist checked by Date