

SL2 – request for water mains sampling and commissioning for water self lay work

IMPORTANT – please read

Testing and chlorination of mains must not commence until you have a copy of the commissioning plan giving required velocities.

Chlorination shall be carried out by injection, and the main and all associated fittings shall be disinfected along its entire length for a minimum period of 16 hours with water containing a minimum free chlorine residual of 20mg/litre. In some circumstances it may be appropriate to increase the chlorine residual to 50mg/l and shorten the length of contact, the minimum period is 30 minutes. It is not appropriate to use concentrations giving a free chlorine residual >50mg/l.

Scientific advice must be sought regarding the chlorination regime prior to the chlorination and will be dependant on the circumstances of the new main and the existing supply, this is not appropriate where the water is turbid as disinfection may be compromised.

Mains should not be left standing for long periods with highly chlorinated water where 20mg/l of free chlorine are used the maximum period should be 48 hours and where concentration are increased to 50mg/l of free chlorine the maximum period should be reduced to 24 hours.

The chlorine residual should be checked at the end of the standing time and if there is any significant change then Operational or Scientific advice should be sought regarding any remedial action to be taken.

You must fax this form, together with pressure test results within two days of mains testing.

section 1 – contact/location/material details

Anglian Water job number:

scheme/developer: _____

self lay organisation: _____

site contact: _____

contact telephone number (preferably mobile): _____

location/section: _____

material: _____

length: _____

diameter: _____

section 2 – test data

A copy of this form must be attached to the as laid drawings and received by Anglian Water before the mains connection can be carried out. Test data – to be completed by tester of main.

operation	date	disinfection	result
charge main		Cl ₂ concentration – start	mg/l
pressure test (test certificate to be attached)		Cl ₂ concentration – end	mg/l
swabbed (the swabbing record in section 3 below must be completed)		chlorination contact time	(hours)
chlorination (minimum 20mg/l)			
de-chlorinated			

I confirm that the above main is ready for sampling and commissioning.

print name: _____

signature: _____

date: / /

section 3 – swabbing record

Please complete the form below.

location from:			
location to:			
installation method:	drilled	open out	pipeburst
if drilled, lubricant used:	water	bentonite	other (state)

pipe length (m)	pipe material and class/SDR	pipe size (mm)	pipe nominal bore (mm)

swab	type	diameter of swab (mm)	water velocity (m/s)	confirm removal of swab	clarity (describe)	debris (describe if discharged)	witnessed, completed by and date
1							
2							
3							
4							
5							
6							

date	swabbed by	discharge monitored by

I confirm that the length of pipe has been swabbed in accordance with the Commissioning Plan and that after passes of a swab, the water in front of the final swab was clear with no particulate material present. The final swab had no ingrained material present nor was discoloured.

date	name	signed

section 4 – fax back details

Please fax the completed form to our relevant mainlaying team (see below).

- Norfolk, Suffolk and Essex on **01603 247043**
- Cambridgeshire, Lincolnshire and Humberside on **01522 341272**
- Northamptonshire, Buckinghamshire and Bedfordshire on **01908 453194**

for Anlian Water use only

form received by: _____

date: / /

passed to Construction Engineer: _____

date: / /

copy of form to be put into scheme file (please tick box):

anlianwater