



guardians of drinking water quality

## THE WATER SUPPLY (WATER QUALITY) REGULATIONS 2016 (AS AMENDED)

### NOTICE UNDER REGULATION 28(4)

#### NORTHUMBRIAN WATER LTD: AMP7 Mosswood Disinfection

Version Number: 1

Site name and reference: Mosswood WTW

DWI Reference number: NNE-2019-00002

#### THE SECRETARY OF STATE:

1. Has received a report from NORTHUMBRIAN WATER (the “**Company**”) dated 11 March 2019 (the “**Report**”) which states that there is or has been a significant risk of supplying water from Mosswood WTW that has been identified as a potential danger to human health.
2. **GIVES NOTICE** to the Company under regulation 28(4) of the Water Supply (Water Quality) Regulations 2016 (as amended) that it must satisfy the following requirements:

For risks associated with:
<ul style="list-style-type: none"><li>• Disinfection</li></ul>

Requirements	Date until/by which requirements must be maintained/ satisfied (as appropriate)
<b>(a) to maintain the following measures for the period specified in each case</b>	
<ol style="list-style-type: none"><li>i. Operation of Mosswood WTW in accordance with Company policy, procedures and to internally agreed process parameters.</li><li>ii. Proactive management of Mosswood WTW and network to minimise the risk to disinfection.</li></ol>	for the duration of notice

iii. Ongoing monitoring of regulatory and operational sample results, on line data for disinfection parameters.	
<b>(b) to review, revise and/or make operational the following measures, by the dates specified below:</b>	
i. Confirm appropriateness of identified solution.	Date
ii. Complete the planning, design and procurement arrangements for the construction of an additional Ultraviolet filtration stage or other agreed solution.	Date
iii. Complete the construction, installation and commissioning of an additional Ultraviolet filtration stage or agreed solution.	Date
iv. Confirm need and if appropriate the arrangements for cleaning / refurbishment of the existing Contact Tank at Mosswood WTW.	Date
<b>(c) to audit whether the measures have been effective by the following means:</b>	
i. Enhanced monitoring for Cryptosporidium and Disinfection parameters at source and in the network	For the duration of notice
<b>(d) not applicable</b>	
<b>(e) to provide the following information in the time and manner specified below to enable monitoring of progress towards the mitigation of the risk of supplying water that would constitute a potential danger to human health:</b>	
Provide a progress report annually by 31 January and against the following milestones:	
i. Completion of the planning, design and procurement arrangements for the construction of an additional Ultraviolet filtration stage	Date
ii. Completion of the construction, installation and commissioning of an additional Ultraviolet filtration stage	Date

iii. Confirm need and where appropriate the arrangements for the cleaning / refurbishment of the existing Contact Tank at Mosswood WTW	Date
iv. Review the risk assessment for Mosswood WTW as required by Regulation 28(4) and subsequently submit a revised Regulation 28 report accompanied by a signed board level declaration.	Date
v. Submit a satisfactory completion report	Date

Failure by the Company to comply with this Notice may result in enforcement proceedings under section 18 of the Act.

Signed by authority of the Secretary of State

**Milo Purcell**  
Deputy Chief Inspector  
Date  
DWI ref: NNE-2019-00002