



guardians of drinking water quality

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

NOTICE UNDER REGULATION 28(4)

ESSEX AND SUFFOLK WATER: AMP7 Layer Raw Water Deterioration

Version Number: 1

Site name and reference: Layer Water Treatment Works

Legal Instrument Database Reference number: ESK-2019-00003

THE SECRETARY OF STATE:

1. Has received a report from ESSEX AND SUFFOLK WATER (the “**Company**”) dated 11 March 2019 (the “**Report**”) which states that there is or has been a significant risk of supplying water from Layer WTW that could be unwholesome.
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"> • Algal and turbidity loading in raw water

Requirements	Date until/by which requirements must be maintained/ satisfied (as appropriate)
(a) to maintain the following measures for the period specified in each case	
<ol style="list-style-type: none"> i. Operation of Layer WTW in accordance with Company policy, procedures and to internally agreed process parameters. ii. Proactive management of Layer WTW and network to minimise the risk to wholesomeness. iii. Ongoing monitoring of regulatory and operational sample results and on line data. 	for the duration of notice

(b) to review, revise and/or make operational the following measures, by the dates specified below:	
<ul style="list-style-type: none"> i. Confirm appropriateness of identified solution. ii. Complete the planning, design and procurement arrangements for the construction of a Dissolved Air filtration stage or other agreed solution. iii. Complete the construction, installation and commissioning of an additional Dissolved Air filtration stage or other agreed solution. iv. Confirm need and if appropriate the arrangements for refurbishment of the existing clarification and filtration stages at Layer WTW. 	<p>Date</p> <p>Date</p> <p>Date</p> <p>Date</p>
(c) to audit whether the measures have been effective by the following means:	
<ul style="list-style-type: none"> i. Enhanced monitoring for disinfection parameters at source and in the network ii. Monitoring and tracking trends for customer acceptability contacts 	For the duration of notice
(d) not applicable	
(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:	
<p>Provide a progress report annually by 31 January and against the following milestones:</p> <ul style="list-style-type: none"> i. Completion of the planning, design and procurement arrangements for the construction of an additional Dissolved Air filtration stage ii. Completion of the construction, installation and commissioning of an additional Dissolved Air filtration stage iii. Confirm need and where appropriate the arrangements for refurbishment of the 	<p>Date</p> <p>Date</p> <p>Date</p>

existing clarification and Dissolved Air filtration stage at Layer WTW	
iv. Review the risk assessment for Layer 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: ESK-2019-00003