

Appendix 5.3.B.1 – Confirmation of DWI support PR19 WSX Fonthill Bishop

Wessex Water

September 2018

Business plan section	Supporting document
	Board vision and executive summary
1	Engaging customers
2	Addressing affordability and vulnerability
3	Delivering outcomes for customers
4	Securing long term resilience
5	5.1 Protecting and enhancing the environment
	5.2 Using water efficiently
	5.3 Providing excellent drinking water quality
	5.4 Minimising sewer flooding
	5.5 Bioresources
	5.6 Maintaining our services
	5.7 Accommodating growth and new development
	5.8 Water resources bid assessment framework
	5.9 Water resources RCV allocation
	5.10 Bioresources RCV allocation
6	Markets & innovation: open systems & DPC
7	Markets & innovation: retail
8	Securing cost efficiency
9	Aligning risk and return
10	Financeability
11	Accounting for past delivery
12	Securing trust, confidence and assurance
13	Data tables and supporting commentaries



guardians of drinking water quality

DRINKING WATER INSPECTORATE

Area 1A
Nobel House
17 Smith Square
London
SW1P 3JR

Enquiries: 030 0068 6400

E-mail: milo.purcell@defra.gsi.gov.uk

DWI Website: <http://www.dwi.gov.uk>

30 May 2018

Mr Matt Wheeldon
Director of Assets and Compliance
Wessex Water
Operations Centre
Claverton Down
Bath
BA2 7WW

Dear Mr Wheeldon

PERIODIC REVIEW 2019: Wessex Water
DWI Scheme reference: WSX 1– Fonthill Bishop Nitrate (blending) - Nitrate

FINAL DECISION LETTER

The Inspectorate has completed its detailed assessment of the scheme proposed by Wessex Water to provide blending facilities to secure or facilitate compliance with the nitrate standard for drinking water quality reasons at Fonthill Bishop Treatment Works.

The detailed assessment also took in to consideration the outcome of the risk assessment report submitted to the Inspectorate as required by regulation 28(1) of the Water Supply (Water Quality) Regulations 2016 for the Fonthill Bishop Treatment Works connected supply system.

A summary of the outcome of our assessment of this scheme is attached. Based on the information submitted by the Company, the Inspectorate supports the need for a scheme to reduce nitrate concentrations in treated water for water quality reasons, and the supported scheme shall be included by the Company in its Final Business Plan, subject to the caveats listed in the attachment.

In this instance the Inspectorate intends to issue a Notice under Regulation 28(4) of the Water Supply (Water Quality) Regulations 2016, as amended, that requires the Company to mitigate the risk of nitrate that has been identified as a potential danger to human health from the water supplied from the Fonthill Bishop Treatment Works connected supply system.

It is expected that the Company will continue to monitor treated water nitrate concentrations, and that it will take all reasonable steps to prevent contraventions of the nitrate standard.

I am copying this letter to:

Department for Environment,
Food and Rural Affairs

Home Page: www.dwi.gov.uk
E mail: dwi.enquiries@defra.gsi.gov.uk

Llywodraeth Cymru
Welsh Government

- Jon Ashley and Kevin Ridout at Ofwat;
- Elinor Smith and John Collins at the Environment Agency;
- David Heath (CCW Chair, Western)
- Dan Rogerson (Chair of Wessex Water Partnership)

Please contact Sue Pennison (Sue.Pennison@defra.gsi.gov.uk) with any queries relating to this letter.

Yours sincerely

A handwritten signature in blue ink that reads "Milo Purcell".

Milo Purcell
Deputy Chief Inspector

PERIODIC REVIEW 2019

SUMMARY OF DWI ASSESSMENT – LETTER OF SUPPORT

Comment	
<u>Water company:</u>	Wessex Water
<u>DWI scheme reference(s):</u>	WSX 1
<u>Scheme name:</u>	Fonhill Bishop- Nitrate (blending)
<u>Proposal:</u>	Provision of blending facilities for water from Fonhill Bishop treatment works to secure or facilitate compliance with the nitrate standard for drinking water quality reasons.
<u>Supporting evidence:</u>	<p>Risk assessment report for Fonhill Bishop dated 29 Nov 2017, submitted on 29 November 2017.</p> <p>Letter reference -Wessex Water PR19: Catchment intervention to control nitrates- Dec 2017 Annex 1 and Annex 2 – Nitrate Schemes 28 December 2017 from Wessex Response to Further Questions 16.02.18</p>
<u>Conclusion:</u>	<p>Subject to the caveats listed below, the Inspectorate supports the need for the following scheme:</p> <p>Blending- conversion of the existing system from Fonhill to Littledown into a dedicated high nitrate pipeline for blending at Littledown SR and utilisation within regional grid. The scope of works will be: 6km of 400mm diameter pipeline, major connection detail at East Knoyle and blending arrangement at Littledown including relocation of disinfection from Fonhill</p>
<u>Timescale:</u>	Completion date: 2025
<u>Estimated cost:</u>	<p>Estimated capital costs: £6M to £8M Estimated net additional operating costs: £50K pa</p>
<u>Legal Instrument Required:</u>	Notice under Regulation 28 (4)
<u>Caveats:</u>	None
<u>Comment:</u>	<p>DWI has no role in determining proportional allocation of expenditure. Where DWI technical support is given, this should not be taken by the company to imply that the scheme will be partially or wholly funded as a Quality item.</p> <p>Schemes that require a legal instrument are</p>

	<p>considered necessary to meet statutory drinking water quality requirements. These schemes will be transposed to formal programmes of work by DWI as soon as possible and their implementation and completion will be monitored, audited and closure confirmed by DWI.</p>
--	--