

From: [REDACTED]
To: [SizewellC](#)
Subject: SZC Mains Water Supply - NWL WINEP Update for ExA - Final
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Attachments: [image001.png](#)
[SZC Mains Water Supply - NWL WINEP Update for ExA - Final.pdf](#)

Dear Sir / Madam,

Sizewell C Co informed us that they were asked by the ExA for an update on our Essex & Suffolk Water (ESW) Water Industry National Environment Programme (WINEP) abstraction sustainability investigations. We agreed with EDF that we would email this to you directly. Please find attached out our update.

Kind regards,

Will Robinson

William Robinson
Water Resources & Performance Manager

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1. Purpose of this Update

Essex & Suffolk Water (ESW) is a trading division of Northumbrian Water Limited (NWL).

The Examining Authority (ExA) for the proposed Sizewell C Nuclear Power Station (SZC) has asked the developer (EDF) for an update on NWL's ESW Water Industry National Environment Programme Investigations that are pertinent to a potential mains water supply to the development site.

NWL's update is presented in Section 2 below.

In its role as a statutory undertaker, NWL has submitted this update directly to the ExA.

2. ESW Update

The Environment Agency has previously confirmed that an additional 3.5MI/d of ESW abstraction to provide a mains water supply to the SZC site is acceptable. However, EDF has requested a peak construction supply of 4MI/d. Consequently, further investigations were required.

A number of ESW abstraction licences are included in NWL's part of the Environment Agency's Water Industry National Environment Programme (WINEP) under a Water Framework Directive (WFD) Investigation driver. This requires NWL to undertake hydrological modelling and sustainability assessments to confirm what the sustainable level of abstraction is against Water Framework Directive targets.

NWL agreed a scope of works with the Environment Agency and the work has been undertaken for NWL by its framework consultants. The scope of works included a specific requirement to confirm whether 4MI/d of additional abstraction to supply the SZC site was sustainable.

An interim report has been prepared by NWL's consultants and this is currently being reviewed by the Environment Agency. In principle, the report indicates that the full 4MI/d of additional abstraction from the River Waveney for SZC may be sustainable. While this should confirm the sustainability of the river abstraction, a full feasibility study of the Sizewell C Transfer Main is still required and the results of this will determine the delivery date for the Transfer Main.