

Independent Limited Assurance Report

to the Directors of Thames Water Utilities Limited

Thames Water Utilities Limited (“Thames Water”) commissioned DNV Business Assurance Services UK Limited (“DNV”, “us” or “we”) to conduct a limited assurance engagement over Selected Information presented in the Sustainable Financing and Green Bond Annual Impact Report 2021/2022 (the “Report”) for the reporting year ended 31 March 2022.



Our Conclusion: On the basis of the work undertaken, nothing came to our attention to suggest that the Selected Information is not fairly stated and has not been prepared, in all material respects, in accordance with the Criteria.

This conclusion relates only to the Selected Information, and is to be read in the context of this Independent Limited Assurance Report, in particular the inherent limitations explained overleaf.

Selected Information

The scope and boundary of our work is restricted to the key performance indicators in relation to the Eligible Green Projects, included on page 4, 6 and 7 within the Report, for the reporting year (the “Selected Information”), listed below and in the Appendix:

- Annual additional renewable energy generated (MWh)
- Annual GHG emissions saved (tonnes of CO₂e)
- Annual water saved (million litres/day)
- Effluent discharge prevented at Deephams Sewage Treatment Works (million litres)
- Water mains rehabilitation (kilometers)
- Water meter installations (number of meters)
- Sewage discharge monitoring (number of monitors installed)
- Annual dried solid from sludge digestion (tonnes)

To assess the Selected Information, which includes an assessment of the risk of material misstatement in the Report, we have used Thames Water’s [Sustainable Finance Framework 2021](#) and [Our Green Bond Framework](#) (the “Criteria”).

We have not performed any work, and do not express any conclusion, on any other information that may be published in the Report or on Thames Water’s website for the current reporting period or for previous periods.

Standard and level of assurance

We performed a **limited** assurance engagement of specified data and information using the ‘Greenhouse Protocol – A Corporate Accounting and Reporting Standard’ (revised 2015) and international assurance best practice including the International Standard on Assurance Engagements (ISAE) 3000 – ‘Assurance Engagements other than Audits and Reviews of Historical Financial Information’ (revised) issued by the International Auditing and Assurance Standards Board. To ensure consistency in our assurance process, we conducted our work in accordance with DNV’s assurance methodology, Verisustain™, applying only the pertinent sections of the protocol relevant to the specific purpose of the activity. This methodology ensures compliance with ethical requirements and mandates planning and execution of the assurance engagement to obtain the desired level of assurance.

DNV applies its own management standards and compliance policies for quality control, which are based on the principles enclosed within ISO IEC 17029:2019 - Conformity Assessment - General principles and requirements for validation and verification bodies and accordingly maintains a comprehensive system of quality control including documented policies and procedures regarding compliance with ethical requirements, professional standards, and applicable legal and regulatory requirements.

The procedures performed in a limited assurance engagement vary in nature and are shorter in extent than for a reasonable assurance engagement. Consequently, the level of assurance obtained in a limited assurance engagement is substantially lower than the assurance that would have been obtained if a reasonable assurance engagement had been performed.

Our competence, independence and quality control

DNV established policies and procedures are designed to ensure that DNV, its personnel and, where applicable, others are subject to independence requirements (including personnel of other entities of DNV) and maintain independence where required by relevant ethical requirements. This engagement work was carried out by an independent team of sustainability assurance professionals. DNV did not provide any services to Thames Water that could compromise the independence or impartiality of our work. Our multi-disciplinary team consisted of professionals with a combination of environmental and sustainability assurance experience.

Disclaimers

The assurance provided by DNV is limited to the selected indicators and information specified in the scope of the engagement. DNV has not conducted an assessment of the reporting organisation's overall adherence to reporting principles or the preparation of the Report. Therefore, no conclusions should be drawn regarding the reporting organization's compliance with reporting principles or the quality of the overall submission. The assurance provided by DNV is based on the selected indicators and information made available to us at the time of the engagement. DNV assumes no responsibility for any changes or updates made to the indicators or information after the completion of the assurance engagement.

Basis of our conclusion

We are required to plan and perform our work in order to consider the risk of material misstatement of the Selected Information; our work included, but was not restricted to:

- Conducting interviews with the management to obtain an understanding of the key processes, systems and controls in place to generate, aggregate and report the Selected Information;
- Reviewing that the evidence, measurements and their scope provided to us by the management for the Selected Information is prepared in line with the Criteria;
- Performing limited substantive testing on a selective basis of the Selected Information to check that data had been appropriately measured, recorded, collated and reported;
- Reviewing evidence that Thames Water's procedures for project evaluation, selection and management of proceeds are in line with the Criteria and
- Reading the Report and narrative accompanying the Selected Information within it with regard to the Criteria.

In performing these activities, we did not come across any limitations to the agreed scope of work.

For and on behalf of DNV Business Assurance Services UK Limited

London, UK
07/05/2025

Arun Aravind A
Lead Verifier
DNV Business Assurance Services UK
Limited

Paul O'Hanlon
Technical Reviewer
DNV Business Assurance Services UK
Limited

Inherent limitations

DNV's assurance engagements are based on the assumption that the data and information provided by Thames Water to us as part of our review have been provided in good faith, is true, complete, sufficient, and authentic, and is free from material misstatements. Because of the selected nature (sampling) and other inherent limitations of both procedures and systems of internal control, there remains the unavoidable risk that errors or irregularities, possibly significant, may not have been detected.

The engagement excludes the sustainability management, performance, and reporting practices of the Company's suppliers, contractors, and any third parties mentioned in the Report. We did not interview external stakeholders as part of this assurance engagement.

We understand that the reported financial data, governance and related information are based on statutory disclosures and Audited Financial Statements, which are subject to a separate independent statutory audit process. We did not review financial disclosures and data as they are not within the scope of our assurance engagement.

The assessment is limited to data and information in scope within the defined reporting period. Any data outside this period is not considered within the scope of assurance. DNV expressly disclaims any liability or co-responsibility for any decision a person or an entity may make based on this Independent Limited Assurance Report.

Responsibilities of the Directors of Thames Water and DNV

The Directors of Thames Water have sole responsibility for:

- Preparing and presenting the Selected Information in accordance with the Criteria;
- Designing, implementing and maintaining effective internal controls over the information and data, resulting in the preparation of the Selected Information that is free from material misstatements;
- Measuring and reporting the Selected Information based on their established Criteria; and

Our responsibility is to plan and perform our work to obtain limited assurance about whether the Selected Information has been prepared in accordance with the Criteria to Thames Water in the form of an independent limited assurance conclusion, based on the work performed and the evidence obtained. Our Independent Limited Assurance Report represents our independent conclusion and is intended to inform all stakeholders. DNV was not involved in the preparation of any statements or data included in the Report except for this Independent Limited Assurance Report.

DNV Supply Chain and Product Assurance

DNV Business Assurance Services UK Limited is part of DNV – Supply Chain and Product Assurance, a global provider of certification, verification, assessment and training services, enabling customers and stakeholders to make critical decisions with confidence.

Appendix: Selected Information

The scope and boundary of our work is restricted to the Selected Information, listed below.

Selected Information (Eligible Green Projects)	Reported value	Unit
Deephams sewage treatment works (STW)		
Additional renewable energy generated	11,139	MWh
CO ₂ e saved	7,032	tonnes of CO ₂ e
Effluent discharge prevented	219	million litres
Household metering		
CO ₂ e saved	175	tonnes of CO ₂ e
Mains rehabilitation		
CO ₂ e saved	433	tonnes of CO ₂ e
Water mains rehabilitation		
Water saved	9	million litres/day
Mains decommissioned	338	km
Mains replaced	3	km
Mains relined	5	km
Water mains monitoring		
Water saved	82	million litres/day
Water meter installation		
Water saved	58	million litres/day
Meters installed or replaced	107,179	number
Sewage discharge monitoring		
Monitors installed	237	number
Resilience and growth investment		
Quantity of dried solid from sludge generation	46,355	tonnes
Maple Lodge STW		
Additional renewable energy generated	7,229	MWh
CO ₂ e saved	5,209	tonnes of CO ₂ e
Basingstoke STW		
Additional renewable energy generated	10,162	MWh
CO ₂ e saved	2,729	tonnes of CO ₂ e
Early CHP replacement projects		
Additional renewable energy generated	26,377	MWh
CO ₂ e saved	6,096	tonnes of CO ₂ e
Crossness STW – sludge		
Additional renewable energy generated	278	MWh
CO ₂ e saved	4,749	tonnes of CO ₂ e
Hogsmill STW		
Additional renewable energy generated	4,972	MWh
CO ₂ e saved	1,149	tonnes of CO ₂ e