

ORGANISATIONAL AUDIT REPORT FOR:

Anglian Water Services Limited

**Verification firm
(third party) :** Achilles Information Limited, Milton Park, 30 Western Ave,
Milton, Abingdon OX14 4SH.

**Toitū Envirocare:
(certification party)** The Formery, 87 Albert Street, Auckland Central,
Auckland 1010, New Zealand

Lead Auditor: Glenn Cargill

Client Contact: Elizabeth Whatley-De'Ath

Report date: 23/05/2025

AUDIT OBJECTIVES

To determine whether the organisation's GHG measurements (emissions data and calculations) and reduction(s) meet certification requirements for the Programme as detailed in the criteria and scope.

AUDIT CRITERIA AND SCOPE

The audit criteria and scope are detailed in the following table:

Criteria	ISO 14064 Part 1 2018, ISO 14064 Part 3 2019.
	Technical Requirements 3.1 & Audit and Certification Technical requirements
	GHG Protocol scope 2 guidance.
	UKWIR - CAW
	-
	-
GHG program	Carbon Reduce
Audit date	19/05/2025
Base year	01/04/2018 to 31/03/2019
Reporting year	01/04/2024 to 31/03/2025
Consolidation methodology	Operational control.
Materiality threshold	5%
Emissions factor	Toitū emanage CAW 19
GHG assertion	IMR_2425_Anglian Water_CR_Org.pdf
GHG statement (certification claim)	Anglian Water Services Limited meets the requirements of Carbon Reduce certification having measured its greenhouse gas emissions in accordance with ISO 14064 Part 1 2018 and is committed to managing and reducing its emissions in respect of its operational activities of its UK organisation.
Registered Office Address	Lancaster House, Lancaster Way, Ermine Business Park, Huntingdon, Cambridgeshire, PE29 6XU, United Kingdom
Audit type	Recertification (certificate renewal).
Overall audit approach	Onsite stage 1, remote stage 2 audit

RESPONSIBILITIES

The responsible party is responsible for the preparation and fair presentation of the GHG statement in accordance with the criteria.

The verifier is responsible for expressing an opinion on the GHG statement based on the verification activities undertaken.

VERIFIED LOCATION BASED EMISSIONS TOTALS

Emissions summary by category:	All measured emissions	Mandatory boundary	Units
Category 1: Direct emissions and removals	125,454.04	125,454.04	tCO ₂ e
Category 2: Indirect emissions from imported energy	133,989.55	133,989.55	tCO ₂ e
Category 3: Indirect emissions from transportation	25,141.98	25,141.98	tCO ₂ e
Category 4: Indirect emissions from products used by organisation	103,980.76	11,828.41	tCO ₂ e
Category 5: Indirect emissions associated with the use of products from the organisation	0.00	0.00	tCO ₂ e
Category 6: Indirect GHG emissions from other sources	0.00	0.00	tCO ₂ e
Total gross inventory	388,566.33	296,413.98	tCO₂e
Category 1 direct removals	0.00	0.00	tCO ₂ e
Exported renewable generation/fuel	8,738.84	8,738.84	tCO ₂ e
Purchased emission reductions	0.00	0.00	tCO ₂ e
Total net inventory	379,827.49	287,675.14	tCO₂e

VERIFIED MARKET BASED EMISSIONS TOTALS

Emissions summary by category:	All measured emissions	Mandatory boundary	Units
Category 1: Direct emissions and removals	125,454.04	125,454.04	tCO ₂ e
Category 2: Indirect emissions from imported energy	95,643.99	95,643.99	tCO ₂ e
Category 3: Indirect emissions from transportation	25,141.98	25,141.98	tCO ₂ e
Category 4: Indirect emissions from products used by organisation	103,980.76	11,828.41	tCO ₂ e
Category 5: Indirect emissions associated with the use of products from the organisation	0.00	0.00	tCO ₂ e
Category 6: Indirect GHG emissions from other sources	0.00	0.00	tCO ₂ e
Total gross inventory	350,220.77	258,068.42	tCO₂e
Category 1 direct removals	0.00	0.00	tCO ₂ e
Exported renewable generation/fuel	16,392.97	16,392.97	tCO ₂ e
Purchased emission reductions	0.00	0.00	tCO ₂ e
Total net inventory	333,827.79	241,675.44	tCO₂e

LEVEL OF ASSURANCE PROVIDED

Based upon the verification undertaken, the following level of assurance is provided:

Limited

The above is based upon the following qualifications:

With respect to market based reporting, it was verified that appropriate volumes of REGOS have been purchased. However, due to the timing of the audit, with respect to the general industry reconciliation process, there is not yet evidence that these have been retired.

MANDATORY REDUCTION PERFORMANCE

The following reductions have been made in the programme mandatory emissions categories, relative to the base year(s), using the programme 5 year rolling average methodology.

Reduction performance		
Category 1 & 2 emissions only	% reduction	20.39
Emissions intensity: category 1,2 & all other mandatory categories.	% reduction	TBC

ASSESSMENT OF TOITŪ CLIMATE IMPACT PROGRAMME REQUIREMENTS

Criteria/documents	
Organisational boundaries	Meets scheme requirements.
Application of the accounting principles	Meets scheme requirements.
Emissions Inventory report	Meets scheme requirements.
Emissions Reductions plan	Meets scheme requirements.
Use of the Toitū carbonreduce programme logo	Meets scheme requirements.
The requirement to maintain a complaints procedure	Meets scheme requirements.
Where audit activities have been undertaken using remote/ICT based approaches	It is confirmed that the methods used allowed all relevant audit activities to be undertaken effectively.

CONCLUSION AND RECOMMENDATION

Recertification to the Toitū Carbon Reduce programme is recommended.

Gold status certification is recommended.

Comments:

Based upon a reduction in scope 1 & 2 emissions of 20.39% gold standard recertification is recommended.

This year's scope has been extended to include optional sources of WTT, Chemicals & Sludge to others land.

Audit procedures

Verification procedures:

Verification evidence gathering procedures include:

An initial evaluation of organisational scope & boundaries, typically by interview and or desktop data review.

A sample of site visits will typically be conducted, dependent on the industrial sector.

A comprehensive range of emission sources will be taken and typically checked for classification, completeness of data, scope & boundaries, time-periods, emission factors applied, consistency or changes to methodologies, estimations used & that adequate control procedures are in place. This will also include retrace back to source data and a full recalculation of GHG emissions.

Validation procedures:

Validation refers to a future prediction. In such cases the conclusion is given as a mixed engagement and our work performed is based upon a review of the assumptions made to provide the given forecast.

Mandatory

Refers to the specific scope & boundary or requirements of the Carbon Reduce GHG program.

Notes:

The detailed audit findings and calculations given in the Verification Plan and Working Papers associated with this audit contain proprietary verification methodologies and remain confidential.

The audit is based upon sampling and as such nonconformities may exist that have not yet been identified.

We have reviewed the company's GHG emissions inventory for the period. The inventory is based on historical information which is stated in accordance with the requirements of ISO 14064 Part 1 and the scheme Technical Requirements.

The scope of the review was limited to personnel interview, analytical review procedures applied to GHG emissions data, and review of the input of data into the emissions inventory.

A **non-conformance (NCR)** indicates that the auditor has found a non-conformance with scheme Technical Requirements (audit criteria) and requires you to take the appropriate corrective action and provide evidence of this correction within 10 working days. This may require resubmission of an updated Emissions Inventory and Management report.

A **minor non-conformance (mNCR)** which the auditor has found which is not material to the outcome of the inventory, but to which a failure to address in the preparation of future inventories could lead to a major Non-Conformance (NCR).

Observations made by your auditor are strongly advised but the actions are not required for the organisation to be recommended for certification.

Neither Toitū Envirocare nor the auditor has any interest in the organisation, other than in our capacity as assurance providers. We have not carried out any work with this business prior to this review other than conducting the previous verification

Toitū carbon programmes boundary is defined as all Category 1 and 2 emissions, Category 3 emissions associated with business travel and freight paid for by the organisation, Category 4 emissions associated with waste disposed of by the organisation, and transmissions and distribution of electricity and natural gas

Any correspondence regarding this audit report should be directed to your Lead Auditor.

A copy of this report has been provided to the nominated client contact.

This report has been prepared solely for the use of the organisation and Toitū Envirocare as part of an application for Toitū carbonreduce programme certification. It may be relied on solely by the organisation and Toitū Envirocare for that purpose only. Toitū Envirocare does not accept or assume any responsibility to any person other than the organisation in relation to the statements or findings expressed or implied in this report.

Confidentiality: All information obtained during this assessment will remain confidential to Company name , the verifier, Achilles Information Limited and Enviro-Mark Solutions Limited (trading as Toitū Envirocare). No information will be released to any other party without your express permission except as required by law or Toitū's accreditation body JASANZ, or if it is in aggregate and/or de-identified form. This report must not be copied except in full without the permission of the Responsible Party , Achilles Information Limited and Toitū Envirocare.

Use of ICT: Where remote auditing is conducted, the established Achilles MS Teams shall be used for video conferencing. For data sharing the established Achilles SharePoint shall be used for temporary secure data storage. Where client specific software is required, appropriate access shall be provided and tested prior to the audit.

APPENDIX 1: AUDIT FINDINGS LOG

Issued to:	Anglian Water Services Limited
Lead Verifier:	Glenn Cargill
Date Issued	Friday, 23 May 2025

Findings marked RFI (request for further information) must be replied to as soon as possible to allow the audit to progress.
Findings marked NCR must be corrected before audit can be closed out, unless otherwise approved by the Certification Manager.
Findings marked mNCR is not required to be corrected for this verification, but it must be addressed/checked for your next inventory, or it may become a NCR. You may voluntarily correct a mNCR for completeness.
Findings marked Obs are observations or recommendations from the verifier which may be helpful to you but do not need to be acted upon.
Corrective actions are expected to be closed out within 10 working days of the audit.

Ref #	Non-conformances & Requests for Further Information:	Status	Type	Comments / Agreed Corrective Actions/Evidence sighted to close out the issue where corrective action required.	Date due / Date closed	Ref. to audit criteria (for mNCRs & NCRs only)
GAC1	Please provide a summary overview of asset base	Closed	RFI	See email.	22/05/2025	
GAC2	Please provide a summary of REGO status vs total annual commitment, together with supporting information,	Closed	RFI	REGO Tracker. Total of 527,000REGOS will be due to have been retired to cover 2024-25 inventory. To be checked next year - see qualification.	22/05/2025	
GAC4	Please clarify source of electricity & gas consumption data vs Grid Electricity (Inspired) v2 & APR 2024-2025 - Natural Gas (Inspired) & justify significant increase in emissions from fossil fuels	Closed	RFI	Raquel on Thu	22/05/2025	
GAC5	There is an approximate +3ktCO2 variance between CAW emissions from fossil fuels & those entered into emanage.	Closed	NCR	Old version of CAW. Updated.		5.1 Calculation of GHG emissions & removals
GAC6	Please provide justification for the significant increase in emissions from fossil fuel.	Closed	RFI			
GAC7	Please provide source supplier report for ICL, Kemira & Brenntag for FeSO4 weight	Closed	RFI			
GAC8	There is no reconciliation to chemical supplier spend/weight returns vs SAP procured chemicals spend to act as a QA/QC for completeness.	Open	Obsn			
GAC9	GAC approx. 3ktCO2e has not been included in table 5.1 and as such has not been included in the total chemical emissions table 11A	Closed	NCR	GAC now moved to main chemical table.OK	22/05/2025	5.1 Calculation of GHG emissions & removals
GAC10	Please provide positive confirmation that no FESO4 was purchased from Brenntag in 2024	Closed	RFI	2024 Data 704t. Immaterial	22/05/2025	
GAC11	Please justify exclusion of 70,000t of NaNO3 from CAW chemical inputs	Closed	RFI	70,00l unit error. Estimated at <50tCO2e. Immaterial.	22/05/2025	
GAC12	T/O for reporting year is not yet available.	Open	mNCR	Can be provided next year.		6.4 Calculating GHG emissions reductions
GAC13	WTT 2500 VS 8-9500?	Closed	RFI	Diesel for transport.Ok		
GAC14	Why has Sludge products disposal to others' land is categorised as landfill/true vs its not landfilled so false	Closed	RFI	Corrected	22/05/2025	