

Aqua Clear SC - Carbon Reduction Plan - Year Ended November 2024

Publication Date: 7th March 2025

About Aqua Clear SC:

We are expert water management specialists. With over 45 years of industry knowledge, our dedicated team is committed to optimising water consumption through proven strategies for water management and cost savings. We are also experts in efficient wastewater sampling and profiling techniques and practices.

Introduction - Commitment to achieving Net Zero

Aqua Clear SC Ltd is committed to achieving Net Zero emissions by 2050 and has set an interim target of an 18.5% reduction by 2028.

This document outlines the baseline and current carbon emissions for Aqua Clear SC for the 2023–2024 financial year (FY). It also details our reduction targets, progress to date, and the measures already implemented. Additionally, it sets out planned actions for the next financial year to further reduce our carbon footprint.

Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases produced in the past, generated prior to the implementation of any strategies aimed at reducing emissions. These baseline emissions serve as the reference point against which reductions can be measured.

Baseline Year: 1st December 2022 - 30th November 2023

Baseline Footprint Description

A baseline carbon footprint was carried out for FY 2022-23. Aqua Clear SC had no prior Scope 1, 2 or 3 emissions reporting. This footprint will establish both the baseline and current emissions footprint.

Due to the nature of business activities, Scope 1 and Scope 3, Category 9, “downstream transportation and distribution” were not applicable for Aqua Clear SC as per the GHG Protocol.

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	N/A
Scope 2 - Location-based	0.003
Scope 3 <i>Category 4 - Upstream Transportation and Distribution</i> <i>Category 5 - Waste disposal</i> <i>Category 6 - Business Travel</i> <i>Category 7 - Employee commuting</i>	257.94
Total Emissions	257.94

Current Emissions Reporting

This is Aqua Clear SC's second Carbon Reduction Plan; the below table summarises the emissions for the current reporting year.

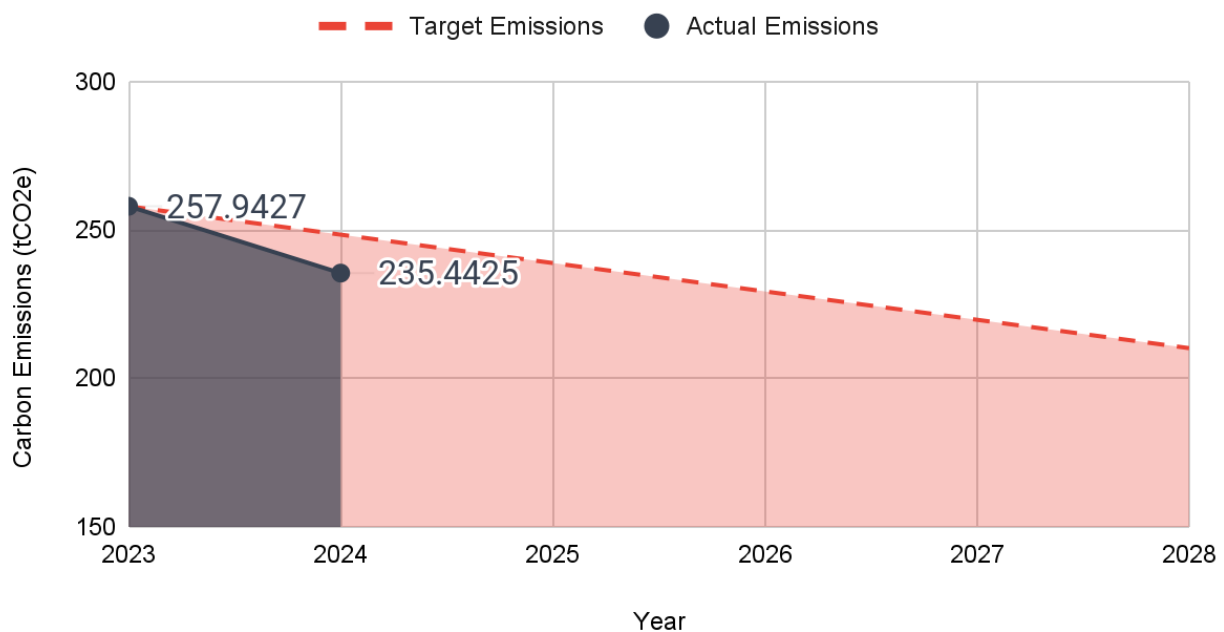
Current Year: 1st December 2023 - 30th November 2024	
Current Year Footprint Description	
Aqua Clear SC's current emissions for the previous financial year (2023-24) are summarised in the table below. In this period, Aqua Clear SC purchased a diesel van, which means that Scope 1 emissions have become relevant and reported in the footprint. Due to the nature of business activities, scope 3, category 9, "downstream transportation and distribution" were not applicable for Aqua Clear SC as per the GHG Protocol.	
Baseline year emissions:	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	0.753
Scope 2 - Location-based	0.448
Scope 3 <i>Category 4 - Upstream Transportation and Distribution</i> <i>Category 5 - Waste disposal</i> <i>Category 6 - Business Travel</i> <i>Category 7 - Employee commuting</i>	234.208
Total Emissions	235.44

Emissions Reduction

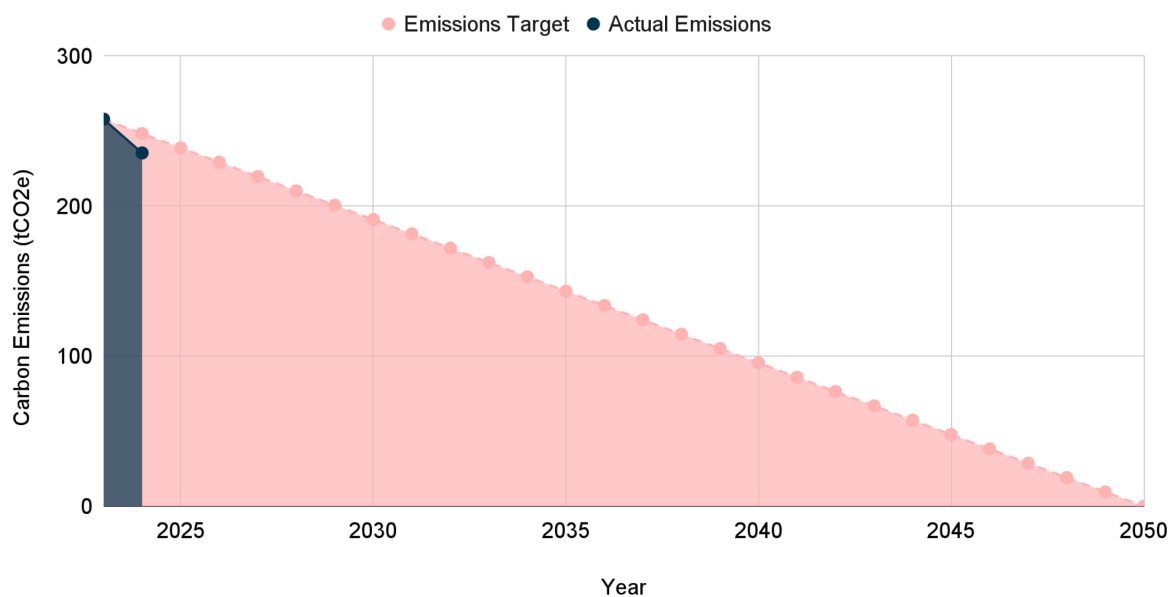
Aqua Clear SC's current year emissions have decreased by 22.5 tCO₂e compared to the baseline year.

We have targeted a decrease in carbon emissions over the next five years by **a further 25.27tCO₂e** to **211.04 tCO₂e** by 2028, which is a reduction of **18.5%** over the five years from 2023 to 2028.

Short Term Target - Actual v Target Emissions



Long Term Target - Actual Emissions vs Target Emissions



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed in the previous financial period:

- Aqua Clear SC has transitioned its electricity tariff to a renewable energy tariff, allowing market-based emissions to be reported as zero.
- Aqua Clear SC has purchased an electric car to reduce emissions from travel, moving scope 3 emissions into scope 2 and giving us more autonomy over driving emissions and routes.

Planned Carbon Reduction Initiatives

In the coming five years, we are committed to introducing additional measures aimed at further reducing emissions. We are currently contemplating various initiatives, and the examples listed below represent some of the key areas under consideration.

- Enhance the gathering of high-quality primary data on our emissions to assist in reduction efforts and progress measurement.
- Reduce business travel by air, rail, and road through effective measurement and a sustainable travel policy.
- Sub-contractor travel - Engage with sub-contractors to communicate our drive for low carbon transportation, encouraging suppliers to reduce emissions where possible.
 - Conduct regular route audits for subcontractor travel to identify and rectify inefficiencies or unnecessarily lengthy routes.
 - Implement centralised job allocation for subcontractors based on their proximity to the job site.
 - Engage in discussions with subcontractors about the integration of fuel-efficient or electric vehicles.
- Establish transparent communication channels with suppliers and logistics partners to exchange data and insights on emissions.

5 - Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard and use the appropriate Government emission conversion factors for greenhouse gas company reporting.

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

Signed by the Supplier:

Kenneth McGregor
Name:

Signature: *Kenneth McGregor*

2025-03-06
Date:

Audit trail

Details

FILE NAME	Aqua_Clear_SC_LTD_PPN-0621-Carbon-Reduction-Plan-Feb 2025 - 06/03/2025, 12:01
STATUS	Signed
STATUS TIMESTAMP	2025/03/06 13:58:22 UTC

Activity

SENT	joe.cooke@netzero.co.uk sent a signature request to: Kenneth McGregor (kenny@aquaclearsc.com)	2025/03/06 12:02:56 UTC
SIGNED	Signed by Kenneth McGregor (kenny@aquaclearsc.com)	2025/03/06 13:58:22 UTC
COMPLETED	This document has been signed by all signers and is complete	2025/03/06 13:58:22 UTC

The email address indicated above for each signer may be associated with a Google Account, and may either be the primary email address or secondary email address associated with that account.