

# YOUR FY22 ENVIRONMENTAL IMPACT

## George Town Council - Transfer Station

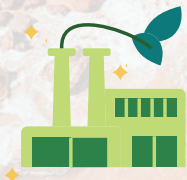
Mount George Road  
George Town,  
Tasmania, 7253

ANZRP is committed to working with its collection partners to safely collect and recycle e-waste, producing environmentally sustainable and socially beneficial outcomes.

Every year, ANZRP engages a consultancy - Lifecycles to undertake an independent lifecycle assessment on the impact our service has made on the environment over the financial year.

Lifecycles' most recent lifecycle assessment was undertaken in September 2022 based on the volume of in-scope NTCRS e-waste recycled by TechCollect in 2021/22. This has highlighted a number of environmental benefits.

In 2021/22 TechCollect recycled 21,454 tonnes of in-scope e-waste. This included 2,552 kilograms collected at George Town Council - Transfer Station. Your contribution to TechCollect's operations resulted in the following environmental benefits:



### CARBON EMISSIONS

**SAVING 3,466 KG CO<sub>2</sub>E**  
THIS IS THE EQUIVALENT TO  
PLANTING 51 TREES.<sup>1</sup>



### ENERGY EMISSIONS

**SAVING 42,539 MJ OF ENERGY**  
EQUIVALENT TO 125 DAYS OF  
HOUSEHOLD ELECTRICITY USE.<sup>3</sup>



### WATER CONSUMPTION

**SAVING 7 M<sup>3</sup> EQ. OF WATER**  
EQUIVALENT TO 13 DAYS OF  
HOUSEHOLD WATER USE.<sup>2</sup>



### PARTICULATE MATTER EMISSIONS

**SAVING 6,058g OF  
PARTICULATE MATTER.**  
EQUIVALENT TO REMOVING 6,112KM  
OF OLD DIESEL TRUCK TRAVEL.<sup>4</sup>

## THANK YOU FOR SUPPORTING TECHCOLLECT AND HELPING US ACHIEVE A POSITIVE IMPACT ON THE ENVIRONMENT.

<sup>1</sup> Factor applied based on estimate of 15 trees storing 1 tonne CO<sub>2</sub>e, as provided by Carbon Neutral™ (<https://carbonneutral.com.au/faqs/>)

<sup>2</sup> Based on 338 litres equivalent per day and per Australian household in FY20, using Australian Bureau of Statistics (Water Account)

<sup>3</sup> Based on 125 GJ of annual energy per Australian household in FY20, using Australian Bureau of Statistics data (Energy Account)

<sup>4</sup> Factor applied based on an EURO3 diesel truck emission as modelled in ecoinvent 3.5