

Islands Trust
Greenhouse Gas Emissions Source Detail Report for the 2012 Calendar Year
Generated February 07, 2013

| Source | | Quantity | Greenhouse Gases In Tonnes | | | |
|---|---|-------------|----------------------------|-----------------|------------------|----------------------|
| | | | CO ₂ | CH ₄ | N ₂ O | tCO ₂ e * |
| Mobile Fuel Combustion (Fleet and other mobile equipment) | | | | | | |
| Offset Required | Fuel Combustion ** | 2,040.00 L | 4.44 | 0.00 | 0.00 | 4.74 |
| | Offset Required Sub Total | | 4.44 | 0.00 | 0.00 | 4.74 |
| Offset Exempt | Public Transit | 10,970.00 L | 23.86 | 0.00 | 0.01 | 25.51 |
| | CO ₂ from Biogenic Fuel Combustion | | 0.97 | N/A | N/A | 0.97 |
| | Offset Exempt Sub Total | | 24.83 | 0.00 | 0.01 | 26.48 |
| | TOTAL MOBILE EMISSIONS | | 29.27 | 0.00 | 0.01 | 31 |
| Stationary Fuel Combustion (Building Heating and Generators) and Electricity | | | | | | |
| Offset Required | Fuel Combustion ** | 472.03 GJ | 23.60 | 0.00 | 0.00 | 23.74 |
| | Purchased Energy | 856.41 GJ | 5.91 | 0.00 | 0.00 | 5.91 |
| | Offset Required Sub Total | | 29.51 | 0.00 | 0.00 | 29.65 |
| | TOTAL STATIONARY EMISSIONS | | 29.51 | 0.00 | 0.00 | 30 |
| Supplies (Paper) | | | | | | |
| Offset Required | Non-recycled Content Paper | 6 Pkg | 0.07 | 0.00 | 0.00 | 0.07 |
| | Recycled Content Copy Paper | 808 Pkg | 4.15 | 0.00 | 0.00 | 4.15 |
| | Offset Required Sub Total | | 4.22 | 0.00 | 0.00 | 4.22 |
| | TOTAL SUPPLIES EMISSIONS | | 4.22 | 0.00 | 0.00 | 4 |
| | Total Offset Exempt | | 24.83 | 0.00 | 0.01 | 26 |
| | Total Offset Required | | 38.17 | 0.00 | 0.00 | 39 |
| | TOTAL EMISSIONS | | 63.00 | 0.00 | 0.01 | 65 |

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| Source | Quantity | Greenhouse Gases In Tonnes | | | |
|--------|----------|----------------------------|-----------------|------------------|----------------------|
| | | CO ₂ | CH ₄ | N ₂ O | tCO ₂ e * |

* Each greenhouse gas has been converted to a standard measurement (tCO₂e) by multiplying its emissions by its global warming potential (GWP).

The GWP of carbon dioxide (CO₂) from both anthropogenic and biogenic sources is 1; methane (CH₄) is 21, and nitrous oxide (N₂O) is 310.

The Totals for tCO₂e are shown here rounded to the nearest whole metric tonne as only whole tonnes of tCO₂e can be purchased for offsets.

** Includes Fossil Fuels and CH₄ and N₂O from Biogenic Fuels

SMARTTool Greenhouse Gas Inventory Report

Reporting Entity: Islands Trust

Reporting Year: Calendar Year 2012

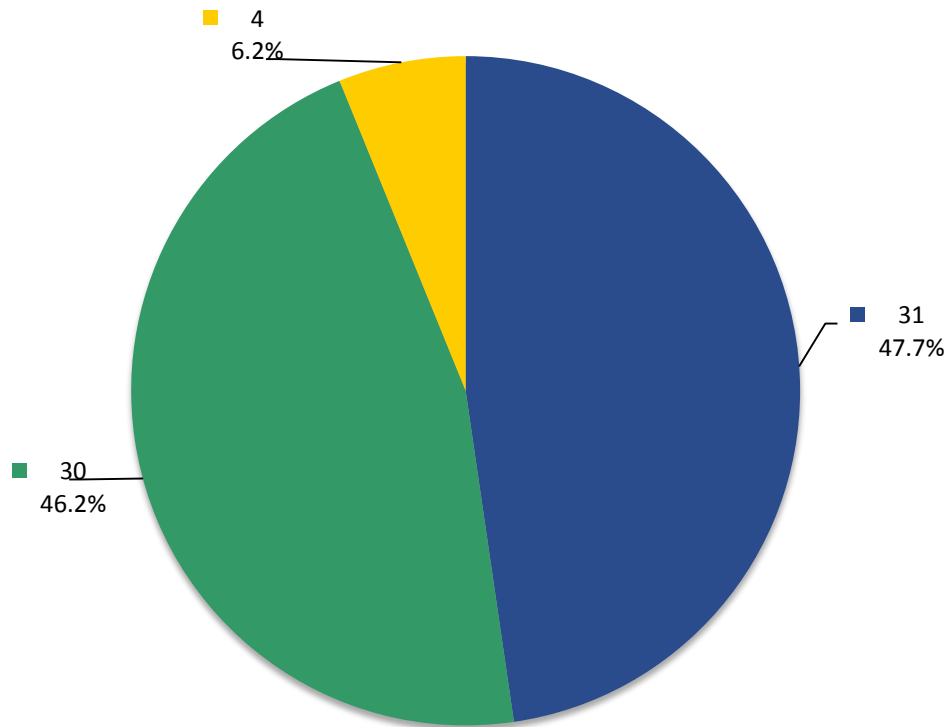
| | | Greenhouse Gases in Tonnes | | | | | |
|--|---|-----------------------------------|-----------------|-----------------|------------------|---------------------------------|--------------|
| | Measure | Quantity | CO ₂ | CH ₄ | N ₂ O | tCO ₂ e ¹ | |
| Scope 1 (Direct) Emissions | | | | | | | |
| | Mobile Combustion (Fleet) | Litres | 13,010.00 | 28.30 | 0.00 | 0.01 | 30.26 |
| | Stationary Combustion, Estimated ² | GigaJoules | 472.03 | 23.60 | 0.00 | 0.00 | 23.74 |
| Total Scope 1 Emissions | | | 51.90 | 0.00 | 0.01 | 54.00 | |
| Scope 2 (Indirect) Emissions | | | | | | | |
| | Purchased Energy, Estimated ² | GigaJoules | 713.97 | 4.93 | 0.00 | 0.00 | 4.93 |
| | Purchased Energy, Reported ³ | GigaJoules | 142.44 | 0.98 | 0.00 | 0.00 | 0.98 |
| Total Scope 2 Emissions | | | 5.91 | 0.00 | 0.00 | 5.91 | |
| Scope 3 Emissions | | | | | | | |
| Business Travel and Office Paper | | | | | | | |
| | Office Paper | Packages | 814.00 | 4.22 | 0.00 | 0.00 | 4.22 |
| Total Scope 3 Emissions | | | 4.22 | 0.00 | 0.00 | 4.22 | |
| Emissions from Biomass | | | | | | | |
| Total Biomass Emissions | | | 0.97 | 0.00 | 0.00 | 0.97 | |
| Total Emissions, Calendar Year 2012 | | | 63.00 | 0.00 | 0.01 | 65.10 | |

1. Global Warming Potential (GWP) has been applied only to the tCO₂e values.

2. Estimated data has been calculated based on the methods described in the Methodology Document.

3. Reported data refers to consumption which has been directly billed to the organization.

**Islands Trust
Greenhouse Gas Emissions by Source
for the 2012 Calendar Year (tCO₂e*)**



Total Emissions: 65

- Mobile Fuel Combustion (Fleet and other mobile equipment)
- Stationary Fuel Combustion (Building Heating and Generators) and Electricity
- Supplies (Paper)

Offsets Applied to Become Carbon Neutral in 2012 (Generated February 07, 2013 10:49 AM)

Total offsets required: **39**. Total offset investment: **\$975**. Emissions which do not require offsets: **26** **

*Tonnes of carbon dioxide equivalent (tCO₂e) is a standard unit of measure in which all types of greenhouse gases are expressed based on their global warming potential relative to carbon dioxide.

** Under the *Carbon Neutral Government Regulation of the Greenhouse Gas Reduction Targets Act*, all emissions from the sources listed above must be reported. As outlined in the regulation, some emissions do not require offsets.