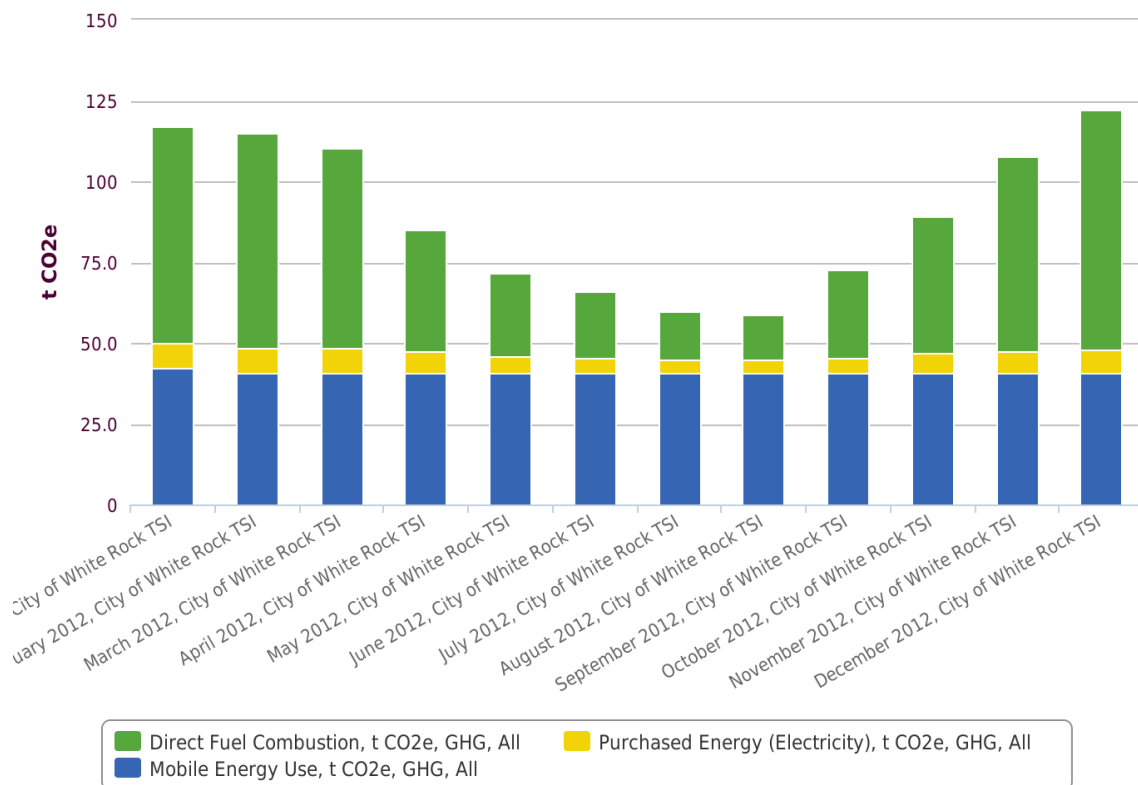




2012 BC Traditional Services GHG Inventory

| | |
|------------------------------------|--|
| <u>Reporting Entity:</u> | City of White Rock |
| <u>Reporting Year:</u> | Calendar Year 2012 |
| <u>Inventory Scope:</u> | BC Traditional Services Inventory |
| <u>Quantification Methodology:</u> | 2012 B.C. Best Practices Methodology for Quantification GHG Emissions, Local Governments & Public Sector Organizations |
| <u>System Support:</u> | SoFi GHG Reporting by GHG Accounting Services |
| <u>Data collection:</u> | City of White Rock |
| <u>Data Entry:</u> | Data Upload & Manual |

Total TSI GHG Inventory: 1,076 t CO₂e



Scope 1:

| | City of White Rock TSI | | | | |
|------------------------|------------------------|---------------|----------------|------------|----------------------|
| | GJ, Energy | t CH4 | t N2O | t CO2 | t CO2e, GHG, Scope 1 |
| Direct Fuel Combustion | 10,213 | 0.009833 | 0.007635 | 509 | 512 |
| Mobile Energy Use | 6,893 | 0.102067 | 0.058754 | 471 | 488 |
| Total | 17,106 | 0.1119 | 0.06639 | 980 | 1,000 |

Scope 2:

| | City of White Rock TSI | | | | |
|--------------------------------|------------------------|-------|-------|-------|----------------------|
| | kWh | t CH4 | t N2O | t CO2 | t CO2e, GHG, Scope 2 |
| Purchased Energy (Electricity) | 3,048,155 | | | 75.7 | 75.7 |

Scope 3:

| | City of White Rock | | | | |
|---------------|--------------------|-------|-------|-------|----------------------|
| | unit | t CH4 | t N2O | t CO2 | t CO2e, GHG, Scope 3 |
| Office Paper* | 1,178 | | | 8.18 | 8.18 |

Biogenic GHG Emissions:

| | City of White Rock | | |
|------------------------|--------------------|-------------|----------------------|
| | t CH4 | t Bio CO2 | t Bio CO2e, GHG, All |
| Direct Fuel Combustion | | | |
| Mobile Energy Use | | 17.1 | 17.1 |
| Total | | 17.1 | 17.1 |

Summary:

| | Energy Inventory | Office Paper | Total |
|------------------------|------------------|------------------|--------------|
| | t CO2e, GHG, All | t CO2e, GHG, All | |
| City of White Rock TSI | | | |
| 2013 | <u>1,076</u> | 8.8 | 1,085 |

* Assumed to be the same as 2013, because of lack of 2012 data.

Totals by Service Delivery:

| | City of White Rock Delivered Directly Energy Inventory t CO2e, GHG, All | City of White Rock Contracted Services Energy Inventory t CO2e, GHG, All | Total |
|------|--|---|--------------|
| 2013 | 843 | 233 | 1,076 |

Offset Summary:

| | City of White Rock 2013 t CO2e |
|---|-----------------------------------|
| Offsets Required | 1,076 |
| Option 1D: Household Organic Waste Composting | 2,073 |
| Offsets Acquired | 0 |
| Offsets from Previous Years | 0 |
| Carbon Neutrality Status | -997 |

Overview by Service Areas:

