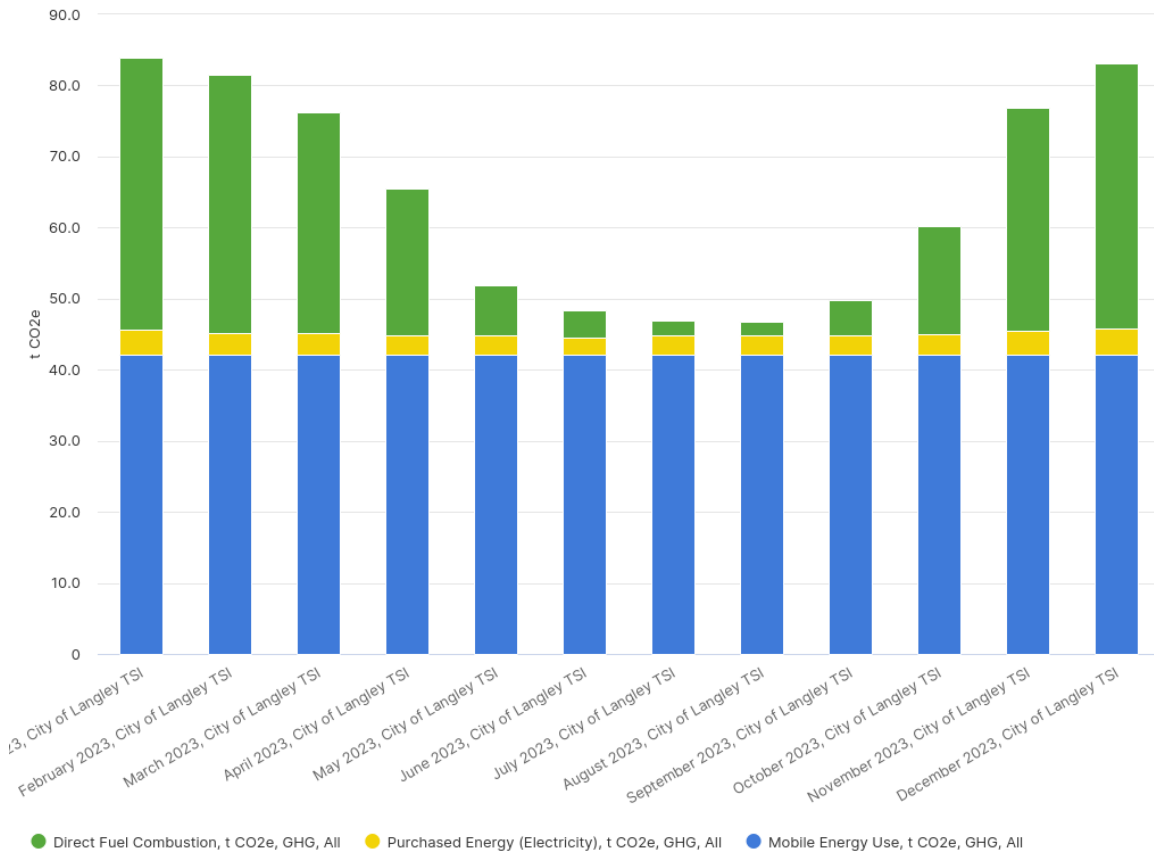




2023 BC Traditional Services GHG Inventory

<u>Reporting Entity:</u>	City of Langley
<u>Reporting Year:</u>	Calendar Year 2023
<u>Inventory Scope:</u>	BC Traditional Services Inventory “TSI”
<u>Quantification Methodology:</u>	2023 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 Langley
<u>Data Entry:</u>	Data Upload

Total TSI GHG Inventory: 772 t CO₂e





Total Energy Consumption by Energy Type for Traditional Services Inventory:

	City of Langley TSI	
Natural Gas Stationary [GJ]		4,594
Electricity [kWh]		3,056,064
Gasoline [l]		67,249
Diesel [l]		134,278
Natural Gas Mobile [l]		811,371
Gasoline – Car [l]		863

Category 1:

	City of Langley TSI				
	GJ, Energy	t CO ₂	t CH ₄	t N ₂ O	t CO ₂ e, GHG, Category 1
Direct Fuel Combustion	4,594	230	0.004318	0.004085	231

Category 2:

	City of Langley TSI	
	kWh	t CO ₂ e, GHG, Category 2
Purchased Energy (Electricity)	3,056,064	35

Category 3:

	City of Langley TSI				
	GJ, Energy	t CO ₂	t CH ₄	t N ₂ O	t CO ₂ e, GHG, Category 3
Mobile Energy Use	7,497	498	0.058965	0.023551	506

Biogenic GHG Emissions:

	City of Langley TSI		
	t Bio CH ₄	t Bio CO ₂	t Bio CO ₂ e, GHG, All
Direct Fuel Combustion			
Mobile Energy Use		18.5	18.5
Total		18.5	18.5

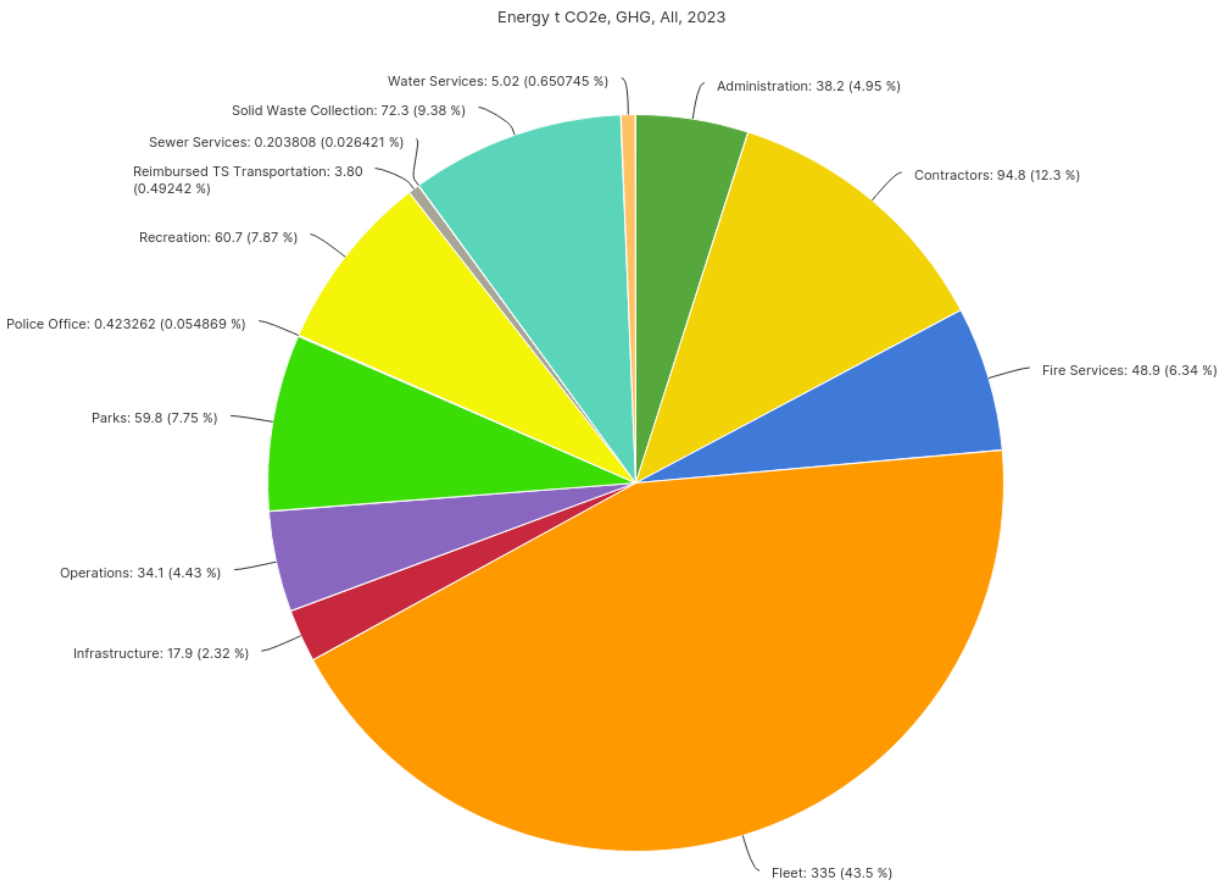
Totals by Service Delivery:

	City of Langley Delivered Directly	City of Langley Contracted Services	Total
	Energy Inventory t CO ₂ e, GHG, All	Energy Inventory t CO ₂ e, GHG, All	
2023	601	171	772

Summary:

	2023	
	Energy Inventory	Total
	t CO ₂ e, GHG, All	
City of Langley TSI	772	772

GHG Overview by Service Areas:



Top GHG Emitter

	t CO ₂ e, GHG	%
Total City of Langley TSI	772	100
Fleet	335	43.5
Contractors	94.8	12.3
Solid Waste Collection	72.3	9.38