

Local Government Name:	The City of Richmond
Year:	2020
Contact Information:	
Name:	Jerry Chong
Position:	Acting General Manager of Finance and Corporate Services
Telephone Number:	604-276-4064
Email address:	JChong@richmond.ca

Stationary Emission Sources:			
Building and Infrastructure Fuel	Unit of Measure	Quantity	Emissions (tCO2e)
Electricity	KWH	37,343,327.36	398.45
Natural Gas	GJ	55,572.11	2,771.38

Mobile Emission Sources: Estimated				
Vehicle Class	Vehicle Fuel	Unit of Measure	Quantity	Emissions (tCO2e)
Light Duty Vehicle	Gasoline	L	45,156	105.94
Light Duty Vehicle	Diesel	L	304	0.81
Light Duty Vehicle	Hydrogen	L	130	0.00
Light Duty Vehicle	Electric	kWh	17,904	0.00
Light Duty Truck	Gasoline	L	222,113	528.41
Light Duty Truck	Diesel	L	5,891	15.61
Light Duty Truck	Propane	L	2,051	0.00
Heavy Duty Truck	Gasoline	L	44,475	100.60
Heavy Duty Truck	Diesel	L	137,270	361.02
Heavy Duty Truck	Propane	L	67,839	104.40
Off Road Vehicle	Gasoline	L	19,275	44.00
Off Road Vehicle	Diesel	L	26,488	76.39
Off Road Vehicle	Propane	L	14,388	22.14
Light Duty Truck - Contractor	Gasoline	L	7,540	17.94
Heavy Duty Truck - Contractor	Diesel	L	598,247	1,573.39
Heavy Duty Truck - Contractor	Propane	L	30,014	46.19
Estimated Contractor	Diesel/Gas	L		535.56

Total Emissions (all Sources)				6,702
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Credits: Estimated			
Organic Waste Diversion	Baseline	Estimated tonnes	Estimated credits
Diverted Household Organic	7,783	24,293	8,159
Diverted Organic Waste (Waste Drop off Service)	4,709	4,450	0
2019 Surplus Carbon Credits			4,935
Total Estimated Credits			13,094

Total Estimated Balance	6,392
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