Corporate Emissions from Municipal Operations

The City measures corporate emissions from municipal operations in accordance with the *Partners for Climate Change (PCP) Protocol*: *Canadian Supplement to the International Emissions Analysis Protocol.* The corporate inventory considers five sectors:

- Buildings
- Lighting
- Wastewater and Potable Water
- Vehicle Fleet
- Solid waste

Buildings

Inclusion protocols: Include all buildings owned by the local government, plus buildings leased or rented to others. Include any diesel fuel that is consumed by backup electrical generators.

Exclusion protocols: Do not include wood burned for space heating.

Lighting

Inclusion protocols: Include street lights or traffic signals or both that are leased to a private management company or utility.

Exclusion protocols: Do not include street light grids that are owned and operated by a private company or leased to the municipality; these are included in the community inventory.

Wastewater and Potable Water

Inclusion protocols: Include all infrastructure for sanitary sewers, storm water, and potable water that is owned by the local government. Also include infrastructure that is leased to a utility or private management company. For potable water and sanitary sewer treatment plants, electricity, natural gas or fuel oil may be in use for space heating. Buildings that house stations containing pressure-reducing valve usually have associated lights and sometimes have space heating for winter conditions. The emissions related to the lights and space heating, if any, are included in the wastewater and potable water sector, and not the buildings sector.

Exclusion protocols: Do not include infrastructure that is owned and operated by a private utility. Such infrastructure is included in the community emissions inventory. Emissions from biomass are not included in the inventory to conform with the CCP protocol.

Vehicle Fleet

Inclusion protocols: Include all vehicles owned and operated by the local government. Include personal vehicles used for local government business. Note: Only kilometres are usually tracked for personal vehicles used for local government business; the fuel efficiency of such vehicles is not usually tracked. In the absence of fuel efficiency data, an estimate may be required.

Exclusion protocols: The inclusion of portable motorized equipment (e.g. leaf blowers and lawnmowers) is optional, but taking the time to track all fuels consumed during local government operations is highly recommended.

Solid Waste

Inclusion protocols: Include all solid waste generated at local government facilities (e.g. buildings and parks).

Exclusion protocols: Do not include any solid waste generated in the community. Note: All waste deposited by the community at public facilities is included.

The Status Report on the Corporate Climate Action Plan has identified additional sources of greenhouse gas emissions within the current scope of the Partners for Climate Protection program which have not previously been acknowledged or reported through the *Climate Change Action Plan*. These will ideally be incorporated into future corporate CCAP reports:

- City-owned buildings managed indirectly by the City (e.g. community centres);
- Contracted City services traditionally provided by municipal government (e.g. residential waste and recycling collection and snow clearing);
- Transit buses.