

## CLCPA 7(3) Addendum for Mobile Emissions

The proposed [summarize activity] is located in, or likely to affect, a draft disadvantaged community mapped by the Climate Justice Working Group pursuant to Section 7(3) of the Climate Leadership and Community Protection Act (CLCPA). As a result, the proposed facility's potential impacts on the disadvantaged community related to emissions of greenhouse gases (GHGs) and co-pollutants must be evaluated. This evaluation must include the potential impacts of emissions from trucks driving to and from the facility. Please provide the following information:

1. A map must be provided that identifies the primary local truck delivery and return route(s) within the DAC and 150 meter buffer of the DAC. Calculations of annual miles traveled per vehicle type on identified route(s) within that DAC and 150-meter buffer must be provided, based on round-trip distance.
2. Please identify sources of emissions (facility vehicles and fossil fuel powered equipment) that will operate within the facility and their daily and annual estimated hours of operation.
3. For all the on- and off-site sources identified above, estimate and summarize GHG and co-pollutant emissions using the following emission factors, as appropriate:
  - a. To estimate emissions of CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O, use the EPA emission factors in Tables 2-4 at the following link: <https://www.epa.gov/climateleadership/ghg-emission-factors-hub>. Emissions calculations for on-road vehicles should be based on the total annual miles traveled as calculated in Item 1 above. Emissions calculations for non-road vehicles and fossil fuel powered equipment should be based on the estimated annual hours of operation as calculated in Item 2 above. When calculating carbon dioxide equivalents, please use the 20-year global warming potentials found in 6 NYCRR Section 496.5.
  - b. To estimate emissions of particulate matter (PM), a co-pollutant, use the AFLEET tool at the following link: <https://afleet.es.anl.gov/afleet/>. The 'Footprint – Onroad' and 'Footprint – Offroad' tabs should be used in conjunction with the data identified in Items 1 and 2 above to calculate co-pollutant emissions. Note that while the spreadsheet provides an estimate of GHG emissions as well it should not be used for the purposes of Item 3a above as the calculation methodology is inconsistent with the requirements of CLCPA. Please also include an electronic copy of the completed spreadsheet with the application materials for this facility.
4. Evaluate how estimated GHG and co-pollutants identified above may be reduced by an equal or greater amount within the disadvantaged community.