### Worksheet for Calculation of Residential Solid Waste Generated Per Capita for Cities and Towns with Populations of 5,000 or more*

*Town with a population of fewer than 5,000 may calculate their residential solid waste generated per capita using similar methodology but adapted to their needs. For additional support, please contact info@sustainablect.org.

**Town:** Litchfield, CT  
**Fiscal Year Being Calculated:** 2019 - 2020

<table>
<thead>
<tr>
<th>Type in available data in cells with red boxes; gray cells produce calculations through formulas.</th>
<th>See numbered directions on left for how to obtain needed data.</th>
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</thead>
</table>

1. Determine the total residential solid waste generated for your municipality or town, in pounds, for the fiscal year (July 1st to June 30th).
   - (i) For towns and cities that use a subscription service for curbside collection, gather data from each hauler that holds a permit to collect waste in your community. For municipal or contract curbside collection, use residential tons associated with the households in the program.
   - (ii) If you have a transfer station that collects residential waste then include that number in the Transfer Station field.

2. Go to the United States Census Bureau's Quick Facts website: https://www.census.gov/quickfacts  
   a. In the search box on the top left, type the name of your town. If there is more than one entry comes up, please select the one with the county name included.

3. Under the "Family & Living Arrangements" section, determine your town or city's average "Persons per household": 
   - (b) Average Persons Per Household: 2.9

4. Go to the United States Census Bureau's Explore Census Data website: https://data.census.gov  
   a. Click on Advanced Search  
   b. On the Table ID line, type DP04  
   c. Click Search on the lower right of the screen  
   d. Click Filter in the upper left of the screen  
   e. On the search line, begin typing the name of the City or Town  
   f. A series of options will appear with check boxes. Check the box next to your City or Town  
   g. Click Hide on upper right of screen

5. Under "Housing Occupancy," determine the percent of "Occupied Housing Units for your municipality" and record the number as a decimal (e.g., record 95.6% as 0.956): 
   - (c) % of Occupied Housing Units: 86.35%

6. Scroll down a little further and click on the "Units in Structure" section. Look at the estimated number of units for each of the following: 
   - 1-unit, detached: 2,747  
   - 1-unit, attached: 68  
   - 2 units: 110  
   - 3 or 4 units: 16  
   - 4 units and above: 316  
   - Total: 3,257

7. Multiply the decimal version of the percent occupied housing units (E) by the total number of housing structures from which residential class is collected (D): 
   - (E) Residential Solid Waste Generated Per Capita Per Year (in pounds): 8,136

8. Divide the waste total (A) by the number in (F).