

### **Proposed Municipal Cap Calculation Procedure**

The following procedure should be used annually by April 30th to calculate the Municipal Solid Waste Cap allocation, as directed by RIGL § 23-19-13(g)(3), based on the previous Calendar year's waste generation and population estimates which are to be applied to the coming fiscal year's municipal caps.

1. Obtain the **population estimate** for each municipality from the Rhode Island Department of Administration Statewide Planning Programs (SPP) official Population Projection (currently found at <http://www.planning.state.ri.us/census/tp154.pdf>). For those years falling between five-year projection intervals a linear extrapolation between the five-year projections should be calculated. Also, when the next decennial census is available, the SPP Population projections should be adjusted accordingly to reflect the newer census count until newer SPP population projections are available (this will presumably occur in 2011).
2. Calculate total statewide **municipal sector waste generation** by totaling all solid waste, and recyclables (i.e., refuse, MRF recyclables, yard debris, scrap metal/white goods, tires, etc.) as reported annually on a calendar year basis by municipalities to RIRRC. (**Note:** Westerly's over cap solid waste should be considered Commercial sector even if it is tipped under the municipal category.)
3. Calculate annual per capita waste generation rate by dividing the **municipal sector waste generation** by the **total municipal population projection** for the corresponding calendar year to get the **annual per capita waste generation rate**.
4. Calculate each municipality's waste generation by multiplying the municipality's **population projection** (as defined in step 1) for the calendar year, in which the fiscal cap year begins, by the **assumed residential per capita waste generation** to obtain **calculated residential waste generation**.
5. Adjust the **calculated residential waste generation** by the **municipal cap recycling reduction** as determined by RIRRC Policy (currently proposed to be 30% in FY06 increasing by 2.5% points to 40% by FY2010) to obtain the **municipal cap allocation**.