

## SWRRG/FOR NJ Services: Wasteshed Formation Assistance

### STEP ONE: FEASIBILITY STUDY

#### Tasks:

- ⇒ Collect data from municipality and community/non-governmental organizations
  - Identification of all non-residential food and organic waste generators
  - Demographic information as available: number of employees, number of meals/covers, number of beds, number of students, other as appropriate
  - Basic trash/recycling information including whether pick up is municipal or private, record of recycling participation, etc.
  - Information on current waste and recycling costs, as provided to municipality by representative generators (NOTE: municipality must seek this information from interested generators, if it is not doing the hauling, or if it does not otherwise possess this).
- ⇒ Utilize SWRRG/FOR NJ formulas based on past research to calculate rough estimates of food waste generated
- ⇒ Calculate rough totals of food waste available within municipality and estimate number of wasteshed routes. Estimate potential cost savings based on scenarios with different hauling frequencies

Estimated cost: \$2,000 to \$3,000

## STEP TWO: PROGRAM DESIGN

### Tasks:

- ⇒ Outreach to generators/determination of interest
- ⇒ Waste Assessments—confirm amounts and types of waste generated at individual generator sites; assess space, current containers, current hauling arrangements, current costs/prices
  - Model 1: SWRRG assessments, including representative on site assessments and weighing; observation/tours of waste/recycling systems for identified generators
  - Model 2: train local workforce—could be generator employees, volunteers, students, veterans, returning inmates. SWRRG analysis of data collected by local workforce.
- ⇒ Analyze waste assessment data/project potential wastesheds
  - Identification of anchor generators
  - Identification of additional generators to complete each wasteshed route
- ⇒ Present potential savings and means for cooperative bidding
- ⇒ Assess available collection space for shared collection to reduce costs further
- ⇒ Further outreach to get buy in to projected wastesheds
- ⇒ Design of internal/external collection systems for participating generators
- ⇒ Create specifications and assist bidding for/negotiate joint contract, with separable items

Estimated Costs: to be negotiated based on results of feasibility study

### STEP THREE: IMPLEMENTATION

Tasks:

- ⇒ Get winning hauler started with food waste
- ⇒ Negotiate joint or municipal contract for necessary compostable items or bin washing
- ⇒ Do outreach as needed to generators to get and keep system going
- ⇒ Monitor performance by generators and hauler
- ⇒ Troubleshoot and maintain system performance
- ⇒ Train municipal person or other appropriate person to take over after year or other negotiated period of time

Estimated Costs: initial fee to be negotiated for getting implementation started; thereafter, a per ton fee from generators or other means of sharing their cost savings, for period SWRRG/FOR NJ manages the system.