

Evaluation Protocol

Agreements for Sampling

Sampling done 2x per year (fall/spring, wet/dry, July/December)

Testing protocol will have:

1. No prescheduled visits – call day of but not before
 - a. Notification prior to visit to confirm that it will be safe to conduct sampling and all equipment is working.
2. Third party will do the testing
3. Consistent methodology
4. Consistent reporting
5. Frequency of sampling will be the same for all facilities
 - a. Maybe prorated based on size after the first year
 - b. 2x per year in first year
6. Transparent results (but do not list names of facilities – use alphabet letters instead)
7. Measure input and output of “clean MRF” side of both residential and commercial streams.
8. Example sample set for one sampling period at one facility:
8 samples of sorted newsprint (200 lbs each)
2 samples of other grades of paper (200 pounds each)
2 samples each of each grade of plastic, tin cans, and aluminum that they sort. Each of these samples may be 100 to 200 pounds. This will total some 10-12 100 pound samples of containers.
4 100-pound samples of residue. We will need to work with each MRF to figure out if they have separate disposal streams that we need to sample from.
15 samples of incoming material.

How to sample inbound loads:

1. Anything that about to be dumped in the co-mingled pile to be sorted through the co-mingling system.
2. Do a slice through to be sure you are getting a representative reflection of what is actually in the pile.
3. 300-500 lbs sample – 1 per vehicle (as many vehicles as you need to get answer)
 - a. 15 samples of 300 lbs each per MRF per sampling period
 - b. Question – based on each hauler
 - c. OR overall quality of material coming in from
4. Record where the material came from but don't draw any conclusions – use it just for information
 - a. Name of hauler
 - b. Type of route
 - i. Residential
 - ii. Commercial
 - iii. Multi-family
 - iv. Etc.

Cost Estimate:

Labor: 3 days, crew of 4 per facility

Cost: \$6,000 to \$7,000 per facility per sampling period.

To sample five facilities would cost approximately \$32,000 per sampling period or \$64,000 for the year.

Note: The information contained in this document represents the discussions that occurred throughout the stakeholder process. It does not necessarily represent the views or policies of any of the individual organizations that participated. For more information on the stakeholder process, please contact Vicky Salazar (206-553-1060, Salazar.Vicky@epa.gov) or Melissa Winters (206-553-5180, Winters.Melissa@epa.gov)