

APPENDIX B – PREVIOUS WASTE AUDIT METHODOLOGY

- Four (4) seasonal study periods (summer, fall, winter, spring)
- **Single-Family Dwellings (SFD) sector:** Curbside audit of ten (10) 100 kg samples each of garbage, recycling, and organics each season. Samples are collected from one hundred (100) single-family properties on five (5) streets (twenty (20) households per street, ten (10) from each side of the street) over one week.
- **Multi-Family Dwellings (MFD) sector:** Bin audit of five (5) 100 kg samples each of garbage and recycling bins each season. Samples are collected from five (5) multi-family residential buildings over one week. The five (5) buildings are located in different communities across Winnipeg to reflect different demographic areas.
- **Institutional, Commercial and Industrial (ICI)/Non-Residential sector:** Curbside and bin audit of 100 kg samples of each garbage and recycling from ten (10) non-residential buildings over a one-week period. The mix of properties reflect a diversity of institutional and commercial uses, but no industrial uses.
- **Construction and Demolition (C&D) sector:** Five (5) visual audit sessions of five (5) 100 kg samples. Consultant and landfill staff identify haulers at random and direct drivers to dump waste at a specified location. Auditors conduct a visual audit of the waste and estimate the percentages of materials in each load. Auditors obtain the weigh ticket for each load in order to calculate the estimated weight of each material in each type of load.
- **Abandoned/Bulky waste:** Analysis of bulky and abandoned waste conducted using data provided by the City from 311 requests for large item pick up and reports of abandoned waste. Calls are tracked by date, service request type, neighbourhood, community area and details about the material to be collected (total number of each item, appearance of items, set-out location of items). Waste is sorted into six (6) categories. The audit identifies the number and type of requests by community area, including; South Assiniboine, Downtown, Fort Garry, Inkster, Point Douglas, River East, River Heights, Seven Oaks, St. Boniface, St. James - Assiniboia, St. Vital and Transcona. Data excludes abandoned waste located on streets and boulevards which is collected by the Public Works Department.
- Garbage, recycling and organics samples from curbside audits are sorted at BRRMF.