

# **APPENDIX D**

## **MONTHLY PERFORMANCE MEASUREMENT**

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The following information will be used to calculate the Monthly Performance Measurement. Only weights of materials collected in the City of Winnipeg programs will be used in the calculations.

### Total Available Tonnage

The Total Available Tonnage amount of a specific Commodity will be determined by multiplying the specific Commodity's percentage of the overall composition of the Recyclables (as determined by the Composition Certificate in Appendix C), by the total incoming tonnage of Recyclables for the respective month.

Total Available Tonnage = Percentage of Commodity in the Recyclables x Total weight of Recyclables received

e.g. HDPE Natural Bottles in Recyclables as determined by Audit Protocol (June 2017) = 0.52%  
Total amount of incoming Recyclables for the month = 4000 metric tonnes

**Total Available Tonnage of HDPE Natural Bottles:  $(0.52/100) \times 4000 = 20.8$  metric tonnes**

### Guaranteed Tonnage

The Guaranteed Tonnage is determined by multiplying the Total Available Tonnage of a Specific Commodity by the Guaranteed Capture Rate for the Commodity as indicated in Appendix B.

Guaranteed Tonnage = Total Available Tonnage x Guaranteed Capture Rate

e.g. HDPE Natural Bottles Total Available Tonnage = 20.8 metric tonnes  
HDPE Natural Bottles Guaranteed Capture Rate = 90%

**Guaranteed Tonnage:  $20.8 \times (90/100) = 18.7$  metric tonnes**

### Sold Tonnage

The Sold Tonnage will be determined by the amount of the specific Commodity sold during the month.

e.g. **HDPE Natural Bottles sold in the month = 16.2 metric tonnes**

### Monthly Performance Measurement

The Monthly Performance Measurement will be calculated on a monthly basis and will be based on the comparison of the Sold Tonnage of the specific Commodity and its Guaranteed Tonnage.

Monthly Performance Measurement = Sold Tonnage - Guaranteed Tonnage

e.g. HDPE Natural Bottles Sold Tonnage = 16.2 metric tonnes  
Guaranteed Tonnage = 18.7 metric tonnes

**Monthly Performance Measurement:  $16.2 - 18.7 = \underline{-2.5}$  metric tonnes**