



Next Steps in Continuous Improvement

Flipchart Exercise

COLLECTION

PRACTICE	POSSIBLE Questions/Issues/Ideas
Bag Based Collection	<ul style="list-style-type: none"> • What conditions/requirements needed for bag collection? • Does community size play a role in efficiency of bag collection? • Prove/disprove bag programs recover more/better material than box based programs?
Collection frequency for recyclables – <ul style="list-style-type: none"> • weekly, • alternate fibres/containers, • alternate-weekly, • co-collection of recyclables with other materials 	<ul style="list-style-type: none"> • Prove/disprove collection frequency impact recovery? • What variables improve or limit efficiency of collection methods? • What are costs and recovery rates of different collection methods? • Decision considerations for different frequency options?
Collection on one side of street in rural setting (single side collection)	<ul style="list-style-type: none"> • What are the cost savings of single side collection? • Effectiveness of single side collection in sub-urban or urban locations? • Issues/parameters for single side collection?
Front end containers for Blue Box depot service.	<ul style="list-style-type: none"> • What are the factors to consider for utilizing front end vs. other systems? • Measuring/testing compaction – amount, effects, and efficiencies? • When/How to decide to move to curbside collection from depot collection?

PROCESSING

PRACTICE	POSSIBLE Questions/Issues/Ideas
MRF Ownership – Municipal or Private	<ul style="list-style-type: none"> • When should municipalities own or build MRF? • Choosing MRF Locations? • Is contracting merchant capacity cheaper?
MRF Design	<ul style="list-style-type: none"> • Use and types of technology? • Ergonomics in operation? • Safety? • Quality control?
Compaction of residual for disposal	<ul style="list-style-type: none"> • Determining the variables that make this practice effective? • Possible costs and benefits?
Application of ANSI standard	<ul style="list-style-type: none"> • Prove that application and adherence to standards improves efficiency? • Development of list of points/considerations for efficient equipment design?

MARKETING

PRACTICE	POSSIBLE Questions/Issues/Ideas
Marketing Done by Municipality or Contractor	<ul style="list-style-type: none"> • Development of guidelines to consider for marketing (in either case)? • Use of material brokers?
Contractor or Municipality keeps predominant portion of market revenues	<ul style="list-style-type: none"> • Sliding scale of revenue shares? • Different revenue arrangements for different commodities?
Established relationships with end markets/Use of more than one buyer for marketed commodities	<ul style="list-style-type: none"> • A provincial market coordinator position? • Co-operative marketing boards? • Spot markets vs long term contacts?
Market natural HDPE bottles	<ul style="list-style-type: none"> • Determine the cost benefit of change, factors for consideration? • Other possible products for high-grading?

ADMINISTRATION AND TENDERING

PRACTICE	POSSIBLE Questions/Issues/Ideas
Pay collection on per household basis	<ul style="list-style-type: none"> • Is there a difference in payment method and cost effectiveness? • Other options flat rate, tonnage
Reasonable, not overburdening bonding	<ul style="list-style-type: none"> • Guidelines and examples of bonding? • Costs of excessive bonding requirements?
Customer service line, with database of customer complaints with follow-up	<ul style="list-style-type: none"> • Effectiveness of in house vs. contracting out customer service?

POLICIES AND INCENTIVES

PRACTICE	POSSIBLE Questions/Issues/Ideas
Provision of free blue boxes only to new residents or as a replacement for a broken one	<ul style="list-style-type: none"> • Prove/disprove if free blue boxes result in improved recovery? • Large sized containers cost/benefit? • Automated collection?
New multi-residential construction must provide space for recycling containers	<ul style="list-style-type: none"> • Engage a consultant to review, recommend and lobby for change to building code? • Garbage collection for MR municipal vs contract out?
Waste Management Bylaws	<ul style="list-style-type: none"> • What bylaws to include to improve program? • Limits and penalties, what works? • Enforcement?