

Curbside Waste Collection on Private Roads

Public Works- Waste
Management Department

Core Service Review



What are we doing now?

- Curbside collection is provided by Miller Waste Services Inc. under contract to 2018
- Contract includes 36,844 stops
- Collection is provided to residents on private roads, if passable for waste collection vehicles
- Approximately 1,716 stops on 125 private roads receive collection

What are we doing now?

- **Summer:** Weekly curbside collection provided to each household on all roads
- **Winter:** Households on private roads not meeting maintenance standards (i.e. not plowed) use a central drop-off point
- Island residents receive bag tags to use at CKL landfills for waste disposal, no curbside collection

What is it costing us?

- Collection of all waste and recycling costs
\$3,369,639.00 per year
- Private roads is approximately
\$129,000.00 per year of this cost

What is it costing us?

- Trucks arrive late at landfill sites once per week as a result of private lane collection
 - Estimated 0.5 hours of overtime per week for 3 staff at \$50.00 an hour ($0.5 \times 3 \times 50 = \75)
 - Annual overtime paid due to truck delays from collection on private roads is \$3,900.00 per year ($\75×52 weeks)

Assumptions made in analysis

- All residents living on private roads participate in curbside collection
- All residents set out 2 bags of waste and unlimited recycling per week

Options

1. Maintain current level of service (as described on previous slides)
2. Discontinue private road collection
3. Distribute bag tags for private road residents to drop off waste at a CKL Landfill with no curbside collection
4. Create a central drop off for each road without established locations
(Maximum 10 roads presently have locations of 125 private roads)

Option 2 – Discontinue Collection

- The City would not provide collection to residents with homes on private roads
- These residents would be responsible for the disposal of their own waste and recyclables

Option 2 - Benefits

- Reduction to overall collection future contract cost (savings of \$129,000.00)
- Reduction to the amount of time required for collection (savings of \$3,900.00 annually in staff overtime costs)
- Increased tipping fee revenue at landfills approximately \$10,000.00

Option 2 - Risks

- Temporary increase to occurrences of illegal dumping – CKL would be responsible for clean-up
- Reduction of this service may decrease property values to these homeowners
- Contract review with internal legal staff to determine potential impacts

Option 2 – Costs

- Cost to collect illegally dumped materials could be \$9,152.00 per year
(2 staff X 4 hours/week X \$22/hour X 52 weeks)
- Administrative time to address complaints

Option 3 – Distribute Bag Tags

- Discontinue collection on private roads
- Distribute bag tags to residents living on private roads
- Residents would be required to drop off waste at a CKL Landfill (tagged bags would be no charge)

Option 3 - Benefits

- Reduced cost to future collection contracts (savings of \$129,000.00)
- Residents would not pay for disposal of 2 bags weekly limit
- Reduction to the amount of time required for collection (savings of \$3,900.00 annually in staff overtime costs)

Option 3 - Risks

- Temporary increase to occurrences of illegal dumping – CKL would be responsible for clean-up
- Reduction of this service may decrease property values to these homeowners
- Contract review with internal legal staff to determine potential impacts

Option 3 - Costs

- Mailing fee for bag tags (\$858.00)
- Printing costs for bag tags (\$500.00)
- Collection of illegally dumped waste (\$9,152.00 per year)
- Administrative time to address complaints
- No short term savings to realize until award of new collection contract

Option 4 – Central Drop Off

- Ask residents on private roads to bring waste to a central drop off, where it will be collected
- Approximately 115 new drop off locations required of 125 private roads
- Similar to current system of central drop off for roads in winter

Option 4 - Benefits

- Some minimal reduction to collection time
- Specialized equipment not needed
(currently used to navigate narrow roads)
- May result in decreased cost to future contracts (estimated \$40,000 per year)

Option 4 - Risks

- No way to enforce bag limits
- Central drop-offs attract illegal dumping and animals – messy
- Savings cannot be accurately identified and may be less than the \$40,000 estimate
- May require MOECC approval for each drop off location (transfer station)

Option 4 - Costs

- Lost tipping fee revenue on materials illegally dumped at the drop-off (\$1,500.00 per year)
- Estimated contract cost reduction savings of \$40,000.00 per year (consultation with Miller)
- Cost of drop off box installation of \$115,000.00 (\$1,000.00 per unit)

Cost Comparison

	Current	Option 2 Discontinue	Option 3 Bag tags	Option 4 Central Drop-off (new contract)
Revenue	\$0.00	\$10,000.00	\$0.00	(\$1,500.00)
Expenses	129,000.00	\$9,152.00	\$858.00	\$89,000.00
	3,900.00		\$9,152.00	\$115,000.00
Total Expenses	132,900.00	\$9,152.00	\$10,010.00	\$204,000.00

- Contract review with internal legal staff to determine potential impacts for option 2 and 3

Conclusion

- Collection from private roads costs the City \$129,000.00 per year in current contract
- Contract review with internal legal staff to determine potential impacts is required
- Savings could be realized at the time of next collection contract (September 2018)