

THE CORPORATION OF THE  
**CITY OF WHITE ROCK**  
CORPORATE REPORT



**DATE:** June 26, 2023  
**TO:** Mayor and Council  
**FROM:** Jim Gordon, P.Eng., Director, Engineering & Municipal Operations  
**SUBJECT:** Solid Waste Update

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**RECOMMENDATIONS**

THAT Council:

1. Receive the report dated June 26, 2023, from the Director of Engineering and Municipal Operations, titled “Solid Waste Update” for information;
  2. Consider revisions to Collection Removal, Disposal and Recycling of Solid Waste Bylaw No. 2084 to permit city collection of multi-family residential solid waste to include buildings of up to fifteen units with placement of garbage, recycling, and green waste to only occur at the curb and in residential containers; and
  3. Consider revisions to Collection Removal, Disposal and Recycling of Solid Waste Bylaw No. 2084 removing PART 9 – TRANSITIONAL PROVISIONS FOR MULTI-FAMILY AND ICI BUILDINGS that required that all city properties participate in city managed solid waste collection.
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**EXECUTIVE SUMMARY**

On January 16, 2023, Council approved that the status quo private collection of multi-family and commercial solid waste is to remain in effect. As directed by Council March 27, 2023, the proposed exception to this private collection paradigm is that multi-family buildings with fifteen or less units are given the option of city collection, provided that their units place garbage, recycling and organics at the curb in residential sized containers.

This report provides information on bylaw changes to facilitate collection from properties with fifteen or less units, the number of multi-family properties participating in city collection and initiatives undertaken by the solid waste haulers to reduce traffic congestion, noise and greenhouse gas emissions.

**PREVIOUS COUNCIL DIRECTION**

<b>Motion # &amp; Meeting Date</b>	<b>Motion Details</b>
2023-118 March 27, 2023	THAT Council: 1. Approve the collection of multi-family residential solid waste to include buildings from seven to fifteen units with placement of

	<p>garbage, recycling, and green waste to only occur at the curb and in residential containers; and</p> <p>2. Direct staff to update the Collection Removal, Disposal and Recycling of Solid Waste Bylaw No. 2084 to reflect this direction, as per Council’s January 16, 2023, Motion numbered 2023-010.</p>
2023-060 February 13, 2023	<p>THAT Council:</p> <ol style="list-style-type: none"> <li>1. Direct staff to bring forward a corporate report that outlines the feasibility of bringing multifamily buildings of 7 to 10 units under garbage collection to be done by the City of White Rock and further</li> <li>2. Include information as to how many unit buildings there are for 7 to 10 units per strata as well as the 11 to 15 units per strata and 16 to 20 units per strata.</li> </ol> <p style="text-align: right;">CARRIED</p>
2023-010 January 16, 2023	<p>THAT Council receive for information the corporate report dated January 16, 2023, from the Director, Engineering and Municipal Operations, titled “Multi-Family and Commercial Solid Waste Transition Update”; and Direct staff to:</p> <ol style="list-style-type: none"> <li>1. Stay with the status quo whereby multi-family and commercial solid waste collection is privately managed; and</li> <li>2. Contact the Waste Management Association of BC and request that they meet with their members to develop a plan to reduce traffic congestion, noise and GHG emissions from solid waste collection vehicles in the City of White Rock.</li> </ol> <p style="text-align: right;">CARRIED</p>
2022-365 September 20, 2022	<p>THAT Council table / postpone consideration of the corporate report dated September 20, 2022, from the Director, Engineering and Municipal Operations, titled “Multi-Family and Commercial Solid Waste Transition Update” until there is more information.</p> <p style="text-align: right;">CARRIED</p>
2022-325 July 25, 2022	<p>THAT Council:</p> <ol style="list-style-type: none"> <li>1. Receive for information the corporate report dated July 25, 2022, from the Director of Engineering and Municipal Operations, titled “Progress Update on MF &amp; ICI Solid Waste Transition”;</li> <li>2. Direct staff continue preparing the RFP documents;</li> <li>3. Endorse the project schedule outlined in this Corporate Report including recommendation for awarding of the contract at Council’s regular meeting on October 3, 2022.</li> </ol> <p style="text-align: right;">CARRIED</p>
2021-440 November 8, 2021	<p>THAT Council give final reading “White Rock Financial Plan (2021-2025) Bylaw, 2021, No. 2377, Amendment No. 2, 2021, No. 2403”.</p> <p>Bylaw 2403 – A bylaw to amend the Financial Plan for 2021 to 2025 to include:</p>

	<p>\$111K to the 2021 Financial Plan for a new regular full time Solid Waste Coordinator position starting in December 2021, \$8K to 2021 and \$103K to 2022, funded from Reserves;</p> <p>\$50K to the 2021 Financial Plan for a consultant to assist with the Request for Proposal for a Solid Waste Contractor funded from Reserves; and</p> <p>Add \$650K for the Centre Street Walkway Project funded from CAC's.</p> <p style="text-align: right;">CARRIED</p>
2021-408 October 25, 2021	<p>THAT Council give final reading to "Collection, Removal, Disposal and Recycling of Solid Waste, 2015, Bylaw No. 2084, Amendment Bylaw, 2021, No. 2402".</p> <p style="text-align: right;">CARRIED</p>
2021-381 October 4, 2021	<p>THAT Council give first, second and third reading to "Collection, Removal, Disposal and Recycling of Solid Waste, 2015, Bylaw No. 2084, Amendment Bylaw, 2021, No 2402".</p> <p style="text-align: right;">CARRIED</p>
2021-360 October 4, 2021	<p>THAT Council:</p> <ol style="list-style-type: none"> <li>1. Receive the October 4, 2021, corporate report from the Director of Engineering and Municipal Operations, titled "Solid Waste Bylaw Update;"</li> <li>2. Approve the Regular full time Solid Waste Coordinator position in advance of adopting the 2022 Financial Plan to enable recruitment for this position in Fall 2021;</li> <li>3. Direct staff to procure a contractor to provide solid waste collection services for multifamily (MF) and institutional, commercial, and industrial (ICI) properties, and user-pay bulky waste collection services for single family (SF), MF and (ICI); and</li> <li>4. Consider approving the Collection, Removal, Disposal and Recycling of Solid Waste Bylaw which stipulates that MF and ICI properties can opt into the City managed collection services beginning January 30, 2023, and must transition by March 27, 2023, or the termination date of any private solid waste service agreement that was entered into prior to the Bylaw adoption date.</li> </ol> <p style="text-align: right;">CARRIED</p>
2021-084 February 22, 2021	<p>THAT Council:</p> <ol style="list-style-type: none"> <li>1. Direct staff to conduct a financial analysis and review funding models that would enable the City to provide solid waste collection for Multi- Family (MF) and Institutional, Commercial and Industrial (ICI) buildings by a City managed contractor; and</li> <li>2. Direct staff to obtain a legal opinion to determine if the City through bylaw can request private property owners to terminate contracts with private solid waste haulers.</li> </ol> <p style="text-align: right;">CARRIED</p>

<p>2020-490 October 5, 2020</p>	<p>THAT Council:</p> <ol style="list-style-type: none"> <li>1. Direct staff to prepare a 2020 Financial Plan Amendment that would include a \$985K adjustment for the purchase of the three solid waste vehicles discussed in this report; and</li> <li>2. Approve the purchase of the three solid waste collection vehicles in the amount of \$1.131M (excluding GST) upon adoption of the 2020 Financial Plan Amendment Bylaw.</li> </ol> <p style="text-align: right;">CARRIED</p>
<p>2020-394 July 27, 2020</p>	<p>THAT Council:</p> <ol style="list-style-type: none"> <li>1. Approves the purchase of two (2) recycling replacement vehicles from the 2020 Financial Plan in the amount of \$820K (excluding GST) from Rollins Machinery Ltd; and</li> <li>2. Approves an increase of \$304K for the purchase of the two recommended vehicles that would be reallocated from funding that was to have been for the purchase of the three (3) residential collection vehicles.</li> </ol> <p style="text-align: right;">CARRIED</p>
<p>2018-395 November 19, 2018</p>	<p>THAT Council receives for information the corporate report dated November 19, 2018 from the Director of Engineering and Municipal Operations titled "Solid Waste Management: Current Status of the Program".</p> <p style="text-align: right;">CARRIED</p>
<p>2015-114 April 10, 2015</p>	<p>THAT Council endorses option three (3) as outlined in April 10, 2015 corporate report titled "Multi-Family Solid Waste Collection Additional Information" endorsing the City "Provide technical assistance to transition to private collection for multi-family properties."</p> <p style="text-align: right;">CARRIED</p>

## **INTRODUCTION/BACKGROUND**

The action items listed below are necessary to carry out Council’s January 16, 2023 direction to remain with the status quo solid waste collection paradigm.

### **Collection, Removal, Disposal and Recycling of Solid Waste Bylaw No. 2048**

A revised Bylaw No. 2048, attached as Appendix A, is provided for Council approval as part of the June 26, 2023 Regular Meeting Agenda. This revised bylaw includes changes Council directed on March 27, 2023 to provide solid waste collection services to multi-family properties of up to fifteen units with placement of garbage, recycling, and green waste to only occur at the curb and in residential containers. The changes also include removal of Bylaw PART 9 – TRANSITIONAL PROVISIONS FOR MULTI-FAMILY AND ICI BUILDINGS that required that all city properties participate in city managed solid waste collection.

### **Number of Multi-Family Properties with City Collection**

Currently, city solid waste collection service is provided to ten multi-family buildings. These buildings have either five or six units. Following Council’s March 27, 2023 approval of collection from multi-family properties with up to fifteen units, letters were sent to 88 properties making them aware of the opportunity for city collection.

Inquiries about city collection were received from three properties; however, they decided to stay with centralized private hauler collection.

### **Solid Waste Haulers Congestion, Noise and Environmental Initiatives**

Staff met with industry representatives and discussed concerns expressed by residents with respect to current garbage collection activities. The industry advised that steps have been taken since 2015 and continue to be taken to mitigate residents' concerns. The competitive nature of the industry motivates haulers to become more efficient and spend less time travelling on White Rock streets. Examples discussed are:

1. Route Optimization Software – The haulers use software to minimize left turns and travel distance thereby mitigating left turn safety concerns and minimizing fuel consumption. This also reduces the number of collection vehicles and the time that the vehicles are on White Rock streets.
2. Bin Sensors – Bin sensor technologies are implemented to reduce the number of pickups where bins may not be full.
3. Recycle BC Dialog – Haulers work with Recycle BC to optimize collection of recyclables.
4. Consolidation of Contracts – There has been some consolidation of contracts leading to more efficient collection; however, competition remains between haulers.
5. Compressed Natural Gas (CNG) – Some of the haulers use CNG vehicles and they are also actively exploring electric vehicle technologies in order to reduce greenhouse gas emissions.
6. Education and Technology Committees – The haulers meet locally and with others across Canada to learn and discuss technology and other industry initiatives.

### **FINANCIAL IMPLICATIONS**

Each residential unit in a multi-family building that qualifies for city solid waste collection services that are currently not receiving this service from the city, will need to pay the annual utility fee of \$355 should the multi-family building decide to opt into the service. It is anticipated that these fees will cover the additional costs of providing this service.

### **LEGAL IMPLICATIONS**

Bylaw No. 2048 revisions were made consistent with Council direction.

### **COMMUNICATION AND COMMUNITY ENGAGEMENT IMPLICATIONS**

Communication by mail has been provided to 88 multi-family properties eligible to participate in solid waste collection. Updates will be provided on the city website and on social media.

### **INTERDEPARTMENTAL INVOLVEMENT/IMPLICATIONS**

The Finance Department and Corporate Administration Departments are working together with Engineering and Municipal Operations.

### **ALIGNMENT WITH STRATEGIC PRIORITIES**

Aligns with the strategic priority of Community Foster a livable city with connected residents enjoying distinctive places and activities.

### **OPTIONS / RISKS / ALTERNATIVES**

A revised Bylaw 2048 is presented later in this June 26, 2023 Agenda for Council consideration. If Council approves the revised bylaw, multi-family properties of up to 15 units will have the opportunity for city solid waste collection provided that they place garbage, recycling, and green waste at the curb and in residential containers.

If Council does not approve the bylaw changes, only properties of up to six units will be eligible for city solid waste collection. To date, no properties with more than six units have applied for city collection.

### **CONCLUSION**

A revised Bylaw 2048 is presented for Council approval later in this June 26, 2023 Agenda. If approved, properties of up to 15 units will be eligible to receive city solid waste collection provided that they place garbage, recycling, and green waste at the curb and in residential containers.

Staff met with solid waste collection industry representatives to discuss initiatives undertaken by them to reduce traffic congestion, noise and greenhouse gas emissions. These initiatives include route optimization software, alternative fuels, new technologies, education and coordination with Recycle BC.

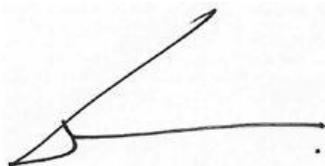
Respectfully submitted,



Jim Gordon, P.Eng.,  
Director, Engineering and Municipal Operations

### **Comments from the Chief Administrative Officer**

I concur with the recommendations of this corporate report.



Guillermo Ferrero  
Chief Administrative Officer