



PUBLIC WORKS COMMITTEE

**Tuesday, June 19, 2012
4:00 PM**

Henry Baker Hall, Main Floor, City Hall



**Public Agenda
Public Works Committee
Tuesday, June 19, 2012**

Approval of Public Agenda

Minutes of the meeting held on May 15, 2012.

Administration Reports

PW12-10 PW12-10 Changes to the Waste Management Bylaw

Recommendation

1. That the City Solicitor be instructed to prepare and bring forward a new waste management bylaw based on the requirements and elements contained in body of this report and Appendices A to E to this report;
2. That *The Regina Water Bylaw*, No. 8942 (the “Water Bylaw”) be amended to establish the mechanism and rates for the recycling fee, updated to incorporate the necessary changes for charging for recycling and some minor housekeeping matters;
3. That *The Sewer Service Bylaw*, No. 5601 (the “Sewer Bylaw”) be amended to update it to incorporate the necessary changes needed to charge for recycling;
4. That *The Regina Administration Bylaw*, No. 2003-69 be amended to delegate the authority for the Deputy City Manager of Operations to approve and execute commercial collection of waste contracts so long as the terms of such contract are consistent with the new waste management bylaw, as proposed in this Report;
5. That *The Regina Waste Management Bylaw*, No. 9935 (the “Waste Management Bylaw”) be repealed upon the passage of the new waste management bylaw; and
6. That this report be forwarded to the June 25, 2012 City Council meeting for consideration.

Adjournment

AT REGINA, SASKATCHEWAN, TUESDAY, MAY 15, 2012

AT A MEETING OF THE PUBLIC WORKS COMMITTEE
HELD IN PUBLIC SESSION

AT 4:00 PM

These are considered a draft rendering of the official minutes. Official minutes can be obtained through the Office of the City Clerk once approved.

Present: Councillor Louis Browne
Councillor Sharron Bryce
Councillor Fred Clipsham
Councillor John Findura
Councillor Jocelyn Hutchinson

Also in Attendance: Committee Assistant, Elaine Gohlke
Solicitor, Jayne Krueger
Deputy City Manager, City Operations, Dorian Wandzura
Director, Transportation & Material Services, Karen Gasmol
Director of Water and Sewer Services, Stella Madsen
Senior Engineer Loretta Gette

Approval of Public Agenda

Councillor Clipsham moved, AND IT WAS RESOLVED, that the agenda be approved, as submitted.

Administration Reports

PW12-8 **PW12-8** Residential Drainage Charges

Recommendation

1. That *The Sewer Services Bylaw* No. 5601 be amended to apply a consistent fixed daily charge to all residential storm drainage services equivalent to the rate applied to all properties less than 1,000 square meters.
2. That the City Solicitor be directed to prepare the necessary amendments to *The Sewer Services Bylaw* No. 5601 to:
 - remove reference to the completed phase-in throughout the Bylaw, including in subsection 16. (2) and Schedule "D"; and,
 - amend subsection 16(1) to be in accordance with Recommendation 1.

Councillor Clipsham moved, AND IT WAS RESOLVED, that the recommendation contained in the report be concurred in.

PW12-9 **PW12-9** Proposed 2012 Local Improvement Program

Recommendation

That the City Solicitor be directed to prepare a bylaw based on Appendix A to authorize the 2012 Local Improvement Program for consideration by City Council.

Councillor Hutchinson moved, AND IT WAS RESOLVED, that the recommendation contained in the report be concurred in.

Adjournment

Councillor Clipsham moved, AND IT WAS RESOLVED, that the meeting adjourn.

The meeting adjourned at 4:20 p.m.

Chairperson

Secretary

June 19, 2012

To: Members,
Public Works Committee

Re: Changes to the Waste Management Bylaw

RECOMMENDATION

1. That the City Solicitor be instructed to prepare and bring forward a new waste management bylaw based on the requirements and elements contained in body of this report and Appendices A to E to this report;
2. That *The Regina Water Bylaw*, No. 8942 (the “Water Bylaw”) be amended to establish the mechanism and rates for the recycling fee, updated to incorporate the necessary changes for charging for recycling and some minor housekeeping matters;
3. That *The Sewer Service Bylaw*, No. 5601 (the “Sewer Bylaw”) be amended to update it to incorporate the necessary changes needed to charge for recycling;
4. That *The Regina Administration Bylaw*, No. 2003-69 be amended to delegate the authority for the Deputy City Manager of Operations to approve and execute commercial collection of waste contracts so long as the terms of such contract are consistent with the new waste management bylaw, as proposed in this Report;
5. That *The Regina Waste Management Bylaw*, No. 9935 (the “Waste Management Bylaw”) be repealed upon the passage of the new waste management bylaw; and
6. That this report be forwarded to the June 25, 2012 City Council meeting for consideration.

CONCLUSION

Significant changes to the current *Waste Management Bylaw* are needed to complete Phase One of Waste Plan Regina. Phase One includes:

- the conversion of the remaining back alley bins to roll out carts;
- the implementation of single family residential recycling, and
- developing a plan for bulky waste pick up, leaf and yard waste and household hazardous goods.

Administration is recommending that changes be brought in through a new bylaw and that the current Waste Management Bylaw be repealed. The proposed changes are

extensive and attempting to accommodate them within the existing bylaw would make it difficult to organize and less user-friendly.

The proposed new bylaw will address historical garbage collection issues by:

- Establishing a City Service that is fair and equitable;
- Implementing a new mandatory recycling service;
- Addressing waste management requirements for Non-Designated Properties; and
- Establishing a foundation for other waste services

Changes that will be incorporated into a new waste management bylaw are summarized in Appendix A to this report and include:

- Defining the City Service and those eligible to receive the City Service;
- Establishing requirements for those not receiving City Service;
- Defining the recyclable materials that will be collected as part of the recycling service;
- Specifying operational parameters for the garbage service and the new recycling service; and
- Establishing the fee and billing process for the recycling service.

Some provisions from the current waste management bylaw relating to the waste disposal at the landfill, landfill rates, and commercial waste collection rates will remain the same in the new bylaw, with minor housekeeping changes to ensure consistent terminology with the remainder of the new bylaw.

BACKGROUND

City Council approved the following:

- Implementation of Waste Plan Regina's Residential Option 2 – Enhanced Services (see Appendix C) on January 18, 2011, (CR10-147) endorsing a mandatory recycling program for residential properties in Regina;
- Retain charge for garbage collection on a mill/tax bill basis and the charge for recycling to be on a user pay/utility bill basis on April 4, 2011, (CR11-32); and
- The use of the co-mingled recycling collection method and to issue RFPs for the MRF and recycling collection services on April 26, 2011, (CR11-145).

The completion of the shared back alley conversion project (2012) and the introduction of the co-mingled recycling service (2013) are two key components of Waste Plan Regina.

City Council approval is required for the following:

- Establishing what a City Service is;
- Establishing who qualifies for a City Service; and
- To incorporate the user fee into the existing utility billing system.

DISCUSSION

Currently, the City provides garbage services to low density residences and recycling service to Regina through the use of Big Blue Bins. The private sector offers garbage service to high density residences and non-residential generators as well as a recycling service through subscription rate-based contracts. Administration held a series of public consultations in 2009 that highlighted that residents were satisfied with the garbage service the City provided but were dissatisfied with the City's recycling programs and initiatives.

Through CR10-147, Council directed the Administration to proceed with the implementation of a mandated recycling program in order to reduce the amount of waste entering the landfill and to improve the overall level of service to residents. A number of policy changes must be made which then result in a new waste management bylaw in order to bring a new co-mingled residential recycling service into place.

The recommended policy changes are intended to address the following objectives:

- The defined City Service is fair and equitable for all customers;
- Qualifying for a City Service is based on criteria customers can relate to and understand;
- Where possible, minimize disruption to customers, their current service levels and expectation of service; and
- Divert as much waste as possible from the landfill by promoting recycling, reducing and reusing.

What is a City Service

Currently, the City provides residents with waste services via shared back alley containers, individual roll out carts and manual collection. The Administration is currently in the process of removing shared container service and delivering waste services through cart or manual collection. Once that has been completed, the majority of residents will be receiving a standardized level of service. With the standardization of garbage service, it is possible for the City to more clearly define what constitutes mandatory City Service and define those that are eligible to receive that service.

City Service is defined in the new bylaw as follows:

“City Service means garbage service, recycling service or such other service that the City may provide from time to time, for collection of Waste from Designated Properties for transportation to a Disposal Site”

As additional programs are developed, the other services will include, but may not be limited to, bulky waste, leaf and yard, and household hazardous waste.

Who qualifies to receive City Service?

Under the new bylaw, a property will be deemed to be a Designated Property or a Non-Designated Property. Designating a property is based on the following criteria:

- Property will have no more than four dwelling units per assessment account;
- Property will not exceed the weekly garbage and bi-weekly recycling volume limits; and
- Collection equipment can physically access the property

The methodology being applied is to base City Services on volume limits as opposed to property use type. Moving to a volume based standard of service will create a more fair and equitable service for the residents.

The three criteria noted above will capture the majority of residences that currently receive City garbage collection, and therefore, the majority of residences in Regina will qualify for City Service.

The Administration does recognize there are currently some residences (approximately 1,500 to 3,000 or 3% to 5% of all residences) that require a further review to determine eligibility as a result of unique building type, configuration or other circumstance. For this reason, under the new bylaw, the Deputy City Manager will be delegated the authority to determine if a property should be a Designated Property and should receive City Service.

Each Designated Property will have been delivered a garbage cart prior to the delivery of the recycling carts. As the garbage carts are delivered, it may not be evident the number of City Services a Designated Property is entitled to. For example, a single family home could contain a legal basement suite which would mean the property is entitled to receive two City Services. Under this and other similar type scenarios, a Designated Property can make a request for additional City Services and they will be assessed on whether they qualify on the above noted criteria. When deployment of the recycling carts occur the number of carts each Designated Property will receive will equal the number of garbage carts they currently have.

For the few Designated Properties receiving manual collection, both garbage and recycling bags will be provided for their use. Previously garbage bags were not provided, however, experience with manual collection and sub-standard bags highlighted a concern for health and safety as well as the fact they were inefficient. The new garbage bags, will improve on the level of safety for our workers and our overall efficiency on delivering the service.

Industrial, commercial, institutional and multi-use properties will be deemed a Designated Property and will qualify for City Service provided they meet the volume and collection guidelines. Each location requesting service or additional services will be reviewed on a case by case basis and approved by the Deputy City Manager.

Waste Removal for Non-Designated Properties

The new City Service definition and eligibility criteria may cause some current customers to no longer be eligible to receive City Service. For example, multi-unit rental and condominium apartment buildings or small and medium sized businesses that currently use shared back alley containers, may not be eligible because they exceed the weekly volume limit or are not accessible for collection.

Properties that are not eligible to receive City Service, referred to in the proposed new Bylaw as Non-Designated properties, will be required to properly dispose of their waste. The new Bylaw will require all owners of Non-Designated properties to have a waste management plan in place. The plan is to include:

- Arrangement for a commercial bin for use by the owner or occupants to securely store waste from the Non-Designated Property; and
- Arrangements for regular disposal of the contents of the commercial bin to an appropriate disposal site.

Requiring Non-Designated properties to have a waste management plan in place will allow the City to monitor and enforce compliance with the bylaw and requirements for the proper disposal of waste.

The City of Regina condominium grant is still being offered to those condominium apartment buildings that have been classified as a Non-Designated Property.

User Fee and Billing

In CR11-32, City Council approved the decision that the City charge customers for the recycling service. This is a new fee and customers will be charged based how many recycling carts each Designated Property has. The fee will be presented on the existing monthly utility bill and will be calculated as follows:

Number of carts x Daily Rate for City Service

The rate, the description of this rate, and how it will be presented on the monthly utility invoice is still in a conceptual stage and will be formerly presented to Council early 2013 for approval. Administration is taking the approach to ensure the recommended rate for the recycling service will be within the range defined from the financial model previously reviewed by Council. The exact price will be assessed based on the full costs to deliver the program and will be subject to Council approval.

Consequential Amendments

Consequential amendments are being made to the Water Bylaw and the Sewer Bylaw through the new waste management bylaw that relate to the requirements for application of service, the billing of the new service fee, and payment application methods. These

amendments are required to integrate the new billing system which will support the changes being made to the new waste management bylaw.

Definitions

Aligning definitions between the Solid Waste Bylaw, the Regina Water Bylaw, and the Sewer Services Bylaws is essential to ensuring consistent treatment of customers and management of accounts. The changes of definition do not result in any changes to existing billing processes other than accommodating charges for the new service.

Housekeeping

Minor changes to the bylaw are required, including amendments to reflect non-substantive changes in process and corrections to terminology. These changes include:

- A number of clauses will have “recycling” added to the list of services referred to in the clause;
- The term “connection fee” will be changed to “service fee”;
- Clauses relating to initiating and discontinuing service will be changed to clarify the current processes regarding application through the building permit process and through in-person paperless application; and
- The date on which the bill is due and payable will be changed to the date of mailing rather than the date of delivery. The date after which penalty is charged will remain unchanged.

Additional changes required to the amended Water Bylaw in order to align it with current business practices include:

Order of Payment: The City has a consistent practice regarding the order of application of customers’ payments to the outstanding charges on their accounts; however, this practice was not part of the bylaw. In order to make the process clear and well-defined, the order to be used will be included in the new bylaw. The order in which payments will be applied to outstanding charges on a customer’s account will be: penalties, interest, service charges, waste charges, drainage charges, sewer service charges, with water charges paid last.

New clauses in the bylaw also identify that if a customer has a deposit and that deposit is returned, the amount of the deposit will be applied in the same order.

Reconnection after Collection Action: The current bylaw wording indicates that a customer must pay the full outstanding amount as well as the reconnection fee prior to having service restored after it has been disconnected for failure to pay. Because the reconnection charge is applied to the account after the reconnection has been completed, the charge is not on the customer’s account at the time that payment is being made. In addition, depending on the customer’s previous history, the age and amount of the

outstanding balance, more generous payment arrangement terms may be acceptable under the Collection Policy.

This amendment will allow reconnection either on full payment of the outstanding balance or on the establishment of a payment arrangement acceptable to the City. The reconnection fee is applied to the following bill and will be due with that bill.

Failure to Provide Access: A clause referring to remote reading devices, which are no longer used by the City, will be removed and replaced with a clause clarifying that services may be disconnected if a customer fails to provide access to the meter after suitable notification, as per the Cities Act.

Correction to the Bulk Water Rate: The bulk water rate has historically been set at the rate applied to out of town customers, which is the standard consumption rate plus 75%. The rate in Schedule "A" should currently be set at \$2.36; Schedule "A" shows a rate of \$2.38. A clause will be added to set the bulk water rate at the consumption rate for water plus a 75% surcharge and the bulk water rate will be removed from Schedule "A".

Multiple Customers Served by One Meter: The bylaw currently provides requirements for the installation of multiple meters connected to a single curb stop. For locations where a property was constructed and has been placed into billing without meeting these conditions, further clauses will be added to clarify the City's process when water use cannot be determined, or where an individual refuses to provide access to a meter that does not have an individual, accessible shut off valve.

Consumption on an Idle Service: A clause will be added to clarify the process of placing the owner of the property in billing when consumption is recorded on a meter that is not currently in billing.

RECOMMENDATION IMPLICATIONS

Financial Implications

The new property-side recycling service will be fee-for-service initiative. This fee will be charged via the resident's utility bill. The fee is currently under review and will be brought forward for Council approval early 2013. This fee-for-service will fund the incremental increase in operational costs.

Environmental Implications

Implementation of Waste Plan Regina, Phase One, targets a 40% diversion rate from the residential sector by 2015. Subsequent phases of the plan will target 65% diversion rate from the residential sector by 2020 as well as introduce Institutional/Commercial/Industrial and Construction/Demolition options for diversion.

Diversion of materials can increase landfill longevity. The reduction of materials such as Household Hazardous Waste and organic yard waste diminish harmful material in the landfill and limit the methane production from the landfill.

Strategic Implications

The City collects property taxes from both the commercial and residential sectors. Those revenues make up a portion of the General Fund that helps to fund public priorities; including roadway repairs, fire and police services, snow removal, residential solid waste collection and more. The City does not provide waste management services to the commercial sector through revenue from the General Fund, which has led to the perception that their property tax contributions are subsidizing residential solid waste collection.

To fully address the issue with respect to large business and multi-family housing, all newly defined programs under City Service would need to be funded on a user pay basis. The policy change and transition to automated cart collection will provide the option to move to a user pay system in the future.

Other Implications

Bylaw changes are required to fully define the new services and guidelines as to who qualifies for the new services. The bylaw is being substantially updated to incorporate further Waste Plan initiatives as they are rolled out into the future (i.e. bulky waste, leaf and yard waste, household organics, household hazardous waste) which will further support the City's mission statement.

Accessibility Implications

The Administration recognizes and currently addresses accessibility issues and concerns residents with disabilities bring forward. It is the intent of Administration to continue to work with the residents, on a case by case basis, to address their concerns.

COMMUNICATION

The communications strategy and media plan for the garbage cart conversions and related bylaw changes include City-wide tactics and tactics directed at individual residents to build awareness and support. The communications strategy and media plan for property-side recycling is in development, with implementation scheduled to begin in early 2013. Further communications strategies will be developed for the additional Waste Plan Regina components that are to be provided by 2015.

DELEGATED AUTHORITY

The recommendation of this report requires the approval of City Council. A new waste management bylaw containing the provisions discussed in this report and the attached Appendices will be brought to a subsequent City Council meeting for approval.

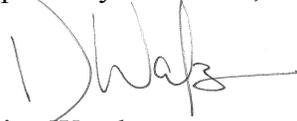
Respectfully Submitted,



Derrick Bellows
Director
Environmental Services

DB/jg

Respectfully Submitted,



Dorian Wandzura
Deputy City Manager & COO
City Operations

APPENDIX A

**SUMMARY OF CONTENTS OF PROPOSED NEW WASTE MANAGEMENT
BYLAW 2012**

Description of Provision	Purpose of Provision	Status of Provision (existing or new)
<p>Definitions</p> <ul style="list-style-type: none"> • Definitions of acceptable recyclable material and garbage are defined in the new bylaw to be the same as stated in Appendix B to this Report. • Definition of Designated Property and City Service 	<p>Clearly identify acceptable material</p> <p>Will identify who is receiving City Service and City Services</p> <p>Will include among other services recycling collection and garbage collection</p>	<p>New</p> <p>New</p>
<p>Delegation of authority to the Deputy City Manager of Operations or his or her designate of the following:</p> <ul style="list-style-type: none"> • Determine whether a property is a Designated Property; • Determine the number of City Services and Set Out Locations for any Designated Property; • Approve or set specifications for Carts and Bags; • Specify the types of Waste accepted at a City controlled Disposal Site or at the City’s Big Blue Bins; • Specify the quantities, volume and weight limits and types of Waste eligible for collection as part of the City Service; • Designate premises to be used as Disposal Sites; • Determine the time and frequency of the collection of the City Service; • Grant approvals and permissions as set out in this Bylaw, • Establish systems for billing and collecting rates, fees and charges; • Carry out inspections required to determine compliance with this Bylaw; • Take any steps or carry out any actions required to enforce this Bylaw; 	<p>Provide some administrative efficiencies in the operation of the bylaw</p>	<p>New</p>

<ul style="list-style-type: none"> • Take any steps or carry out any actions required to remedy a contravention of the Bylaw; and • Such other decisions as may be required to carry out the purpose of this Bylaw in accordance with applicable legislation. 		
<p>Containers</p> <ul style="list-style-type: none"> • Provisions relating to the requirements that only City approved carts and bag will be collected for City Service; • Carts and bags are to remain with the property; • Requirements to keep carts clean; • Requirements to store and set out waste generated at one property on that property; and • Prohibition on dumping waste in a commercial container without the consent of the owner of the property on which that commercial container is located. 	<p>Provide clear guidance on the types of containers for garbage and recycling and to identify property owner's responsibilities in relation to the containers.</p>	<p>New</p>
<p>City Services</p> <ul style="list-style-type: none"> • Requirements for garbage to be bagged inside the cart or bag; • Requirement for recyclables not to be bagged inside the cart or bag; • Time for setting waste out for collection is 6:00 p.m. the night before collection; • Time for removing cart and waste from set out site for collection is 12:01 a.m. on the day following a collection day; • A maximum of four bags (for manual collection) per City Service at a property; • Details over an acceptable set out location for carts and bags depending whether it is front street or alley collection; • Restrictions on the type of garbage that will be accepted as part of the City Service; • Restrictions on the type of recyclable material that will be accepted as part of the City Service; • Details on how to dispose of dangerous objects; and • Details on how to dispose of yard waste. 	<p>Provides details on the nature of the City Services that the City will provide to Designated Properties and the requirements for owners and occupants in setting out waste for collection</p>	<p>Some new provisions and details in relation to a set out location for carts and bags for collection.</p> <p>Some existing provisions relating to timing of the set out and requirements for bagging garbage appropriately.</p>
<p>Non-Designated Properties</p> <ul style="list-style-type: none"> • Requirements for properties that do not receive City Services to then arrange for waste collection and advise the City of its waste management plan for that property. 	<p>Provides clear requirement for Non-Designated properties to</p>	<p>New</p>

<ul style="list-style-type: none"> Such waste management plans must ensure that there are containers available for use at the property and that the container is maintained and emptied regularly. A provision allowing the City to offer commercial garbage service; and Authority to charge a fee for whether the City provides commercial garbage service in accordance with Appendix E to this Report. 	<p>arrange for waste disposal at it own property.</p> <p>Maintains the City's ability to provide commercial garbage service for now as there are still some of those arrangements still in place</p>	<p>Existing</p>
<p>Rates and Fees</p> <ul style="list-style-type: none"> Provision permitting the City to charge for recycling on the utility bill. Transition provisions to incorporate existing utility billing customers into billing for recycling services beginning on July 1, 2013 	<p>Allow the City to charge for recycling</p>	<p>New</p>
<p>Landfill Waste Disposal</p> <ul style="list-style-type: none"> Legal description of the landfill Provisions relating to the disposal of heritage building material at the landfill Authority to charge landfill fees in accordance with Appendix D to this Report. Prohibition of materials not acceptable for municipal landfill disposal. 	<p>Provides requirements for disposing of material at the landfill</p>	<p>Existing Existing Existing Existing</p>
<p>Big Blue Bin</p> <ul style="list-style-type: none"> Restrictions on material that can be placed in the Big Blue Bins. 	<p>Places restrictions on what material can be placed in the Big Blue Bin</p>	<p>Similar to existing but the provision is not limited to Big Blue Bins and not other bins belonging to other entities.</p>
<p>Offences and Penalties</p> <ul style="list-style-type: none"> It is an offence to contravene the bylaw. Maximum fine for an offence is \$10,000 for an individual and \$25, 000 for a corporation 	<p>Provides enforcement mechanisms for the bylaw</p> <p>Updated from current bylaw to bring the fine</p>	<p>Existing</p> <p>No specific fines specified in the existing bylaw</p> <p>Fines for all offences were</p>

	<p>amounts into consistency with the fines available under <i>The Cities Act</i></p>	<p>\$2000 for an individual and \$5000 for a corporation which were set prior to the coming into force of <i>The Cities Act</i></p>
<p>Consequential Amendments</p> <ul style="list-style-type: none"> • Consequential amendments to the Water Bylaw and the Sewer Bylaw to provide for billing for recycling services. • General housekeeping amendments to the Water Bylaw to ensure consistency with the new waste management bylaw. <p>Amendment to the Water Bylaw to apply the payment in the following order:</p> <ul style="list-style-type: none"> • first, to reduce or eliminate any penalties assessed pursuant to this Bylaw; • second, to reduce or eliminate any interest assessed pursuant to this Bylaw; • third, to reduce or eliminate any service charges assessed pursuant to this Bylaw; • fourth, to reduce or eliminate any service charges assessed pursuant to this Bylaw in relation to waste; • fifth, to reduce or eliminate any service charges assessed pursuant to this Bylaw in relation to drainage; • sixth, to reduce or eliminate any service charges assessed pursuant to this Bylaw, in relation to sewer service; and • seventh, to reduce or eliminate any service charges assessed pursuant to this Bylaw in relation to water service. <p>Consequential amendment to <i>The Regina Administration Bylaw</i> to allow the Deputy City Manager to approve and execute commercial garbage collection contracts with the City</p>	<p>Necessary to implement fee for service for recycling service</p> <p>To ensure consistency with the new waste management bylaw</p>	<p>New</p> <p>Existing</p> <p>Reflects existing utility billing processes but not codified in a bylaw</p> <p>Existing provision but modified to reflect new waste management bylaw</p>

APPENDIX B

LIST OF ACCEPTABLE RECYCLABLES

The following is the listing of recyclable materials and garbage as outlined in the bylaw:

RECYCLABLE MATERIALS

1. The following items are Recyclable Materials for the purposes of this Bylaw:
 - (a) **“Aseptic Containers** which are any multi-layered beverage box container;
 - (b) **“Boxboard”** means a lightweight paperboard used in making packaging boxes or cartons such as for cereals or shoes;
 - (c) **“Coloured High Density Polyethylene”** shall mean opaque plastic containers labelled with the #2 code;
 - (d) **“Glass Container”** collectively means glass jars, bottles and containers used as food packaging;
 - (e) **“High Density Polyethylene”** means recyclable plastic, used for items such as milk containers, detergent containers and base cups of plastic soft drink bottles;
 - (f) **“Mixed Paper”** collectively means recovered paper that is not sorted into specific categories and includes, but is not limited to, Newsprint, Old Corrugated Containers, Boxboard, Aseptic Containers;
 - (g) **“Natural High Density Polyethylene”** means translucent plastic containers labelled with the #2 code;
 - (h) **“Newsprint”** collectively means newspaper and advertising supplements and other paper grades;
 - (i) **“Old Corrugated Containers”** collectively means corrugated containers having liners of either test liner, jute or kraft;
 - (j) **“Paper”** collectively means paper products such as Newsprint, Mixed Paper, Sorted Office Paper, Old Corrugated Containers and Boxboard;
 - (k) **“Polyethylene Terephthalate”** means plastic resin used to make packaging, particularly soft drink bottles;
 - (l) **“Polycoat Containers”** means any paper-based carton packaging for beverage and food products that are made of bleached paperboard and

polyethylene and some varieties that have a micro-thin layer of aluminum foil in the middle;

- (m) **“Sorted Office Paper”** means high grade paper such as computer paper, sorted white ledger, copier paper and office stationary;
- (n) **“Tin”** collectively means tin-coated steel containers, such as cans for food packaging. This includes food cans, Used Beverage Containers, aerosol cans and metal lids from bottles and jars; and
- (o) **“Used Beverage Containers”** collectively means beverage, food and non-food cans made of aluminum material.

GARBAGE

- 2. The following items are the types of materials that would be considered Garbage for the purposes of this Bylaw:
 - a) plastics not described in the list of Recyclable Materials above. Such plastics for Garbage would include Styrofoam (egg cartons, packaging, etc.), chip bags, cellophane, food wrap, soiled plastic, clear food containers, dishes, cutlery, bubble wrap, strapping, string, toothpaste tubes, antifreeze containers, toys, wading pools, garden hoses, etc;
 - b) paper not described in the list of Recyclable Materials above, such as disposable diapers, dirty or greasy paper or cardboard, sanitary tissues, paper towels, frozen juice cans, powdered drink containers, pet food bags;
 - c) metal such as foil wrap and clothes hangers;
 - d) food waste such as all food waste, table scraps, spoiled food, peels, etc;
 - e) Yard Waste; and
 - e) other items such as clothing, shoes, electronics, floor sweepings, sawdust, vacuum cleaner bags, Animal Waste, kitty litter and ashes.

Services are being developed for:

- Household hazardous waste;
- Food waste; and
- Yard waste

Until such time as these services are in place these items are to be considered garbage.

APPENDIX C

WASTE PLAN REGINA RESIDENTIAL OPTION 2 (ENHANCED SERVICES)

At the Council meeting on January 18, 2011, Council approved Waste Plan Regina's Residential Option 2 – Enhanced Services. The details of this option are:

Service Options

- Curb-side garbage and landfill
- Active promotion of backyard composting
- Single family curb-side recycling *
- Multi-family recycling;
- Curb-side seasonal leaf and yard, including Christmas trees collection *
- Permanent household hazardous waste facility (less frequent operation) *
- Curb-side bulky / white goods collection *

Supporting Mechanisms

- Promotion and education
- Goods exchange events
- Customer reward program
- Grass ban
- Green procurement education
- Outreach program
- User pay for garbage

Enhanced

- Potential diversion – 30% to 40%
- Cost \$220 to \$240 / household / year

* *Note:*

These services and the cost to provide these services are being taken into consideration when defining the new rate to be charged to single family households.

APPENDIX D

LANDFILL RATES

The following are the rates for the landfill as outlined in the bylaw:

	Effective January 1, 2012	Effective January 1, 2013
Tipping Fee	\$55.00/tonne	\$65.00/tonne
Fill Dirt	No Charge	No Charge
Clean Concrete	No Charge	No Charge
Clean Asphalt	No Charge	No Charge
Mixed Asphalt/Concrete	\$55.00/tonne	\$65.00/tonne
Private Vehicle Rate ¹	\$10.00/vehicle	\$15.00/vehicle
Appliances Containing Refrigerant ²	\$5.00/item	\$10.00/item
Loads Containing Only Asphalt Shingles	\$35.00/tonne	\$45.00/tonne
Load with Asphalt Shingles Mixed With Other Refuse	\$55.00/tonne	\$65.00/tonne
Surcharged Waste ³	An dollar amount equal to 100% of total load charge	An dollar amount equal to 100% of total load charge
Weigh Only	\$10.00/load	\$10.00/load
Free Account Program ⁴	120 per tonnes per account per annum	120 tonnes per account per annum

APPENDIX E

COMMERCIAL WASTE COLLECTION RATES

The commercial collection rates for manual and automated collection contract are as follows:

	Manual Collection Effective January 1, 2013	Automated Collection Effective January 1, 2013
Service Call (per visit)	\$10.33	\$6.77
Collection Cost (per cubic yard)	\$1.81	\$0.17
Disposal Cost (per cubic yard)	\$1.16	\$1.16
Container Rental (automated)	N/A	\$5.20 per month
Pickup/Delivery of Container	N/A	\$42.00 per container
Late Payment Fee	2.0% per month	2.0% per month
Direct Administrative Cost	\$13.68 per month	\$13.68 per month
Indirect Administrative Cost	5%	5%
Transfer to General Operating Budget	7.5%	7.5%