

ENVIRONMENT COMMITTEE

*HIS WORSHIP, THE MAYOR
AND COUNCILLORS*

**SUBJECT: PACKAGING AND PRINTED PAPER EXTENDED PRODUCER
RESPONSIBILITY (EPR) PROGRAM UPDATE**

RECOMMENDATION:

1. THAT Council send a letter to Mr. Allen Langdon, Chair, Multi-Material British Columbia expressing concerns with the proposed removal of recyclable materials such as glass from curbside collection and that, as a minimum, all of the recyclable materials currently collected at curbside and the depot continue to be collected under the new PPP Stewardship Plan.

REPORT

The Environment Committee, at its meeting held on 2013 February 12, received and adopted the *attached* report providing an update on the packaging and printed paper extended producer responsibility program.

Respectfully submitted,

Councillor D. Johnston
Chair

Councillor A. Kang
Vice Chair

Councillor N. Volkow
Member

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| Copied to: | City Manager Acting Director Engineering |
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TO: CHAIR AND MEMBERS ENVIRONMENT COMMITTEE **DATE:** 2013 February 07

FROM: ACTING DIRECTOR ENGINEERING **FILE:** 36600 01

SUBJECT: **PACKAGING AND PRINTED PAPER EXTENDED PRODUCER RESPONSIBILITY (EPR) PROGRAM UPDATE**

PURPOSE: To provide the Committee and Council with an update on the packaging and printed paper extended producer responsibility program.

RECOMMENDATION:

1. **THAT** the Committee recommend Council to send a letter to Mr. Allen Langdon, Chair, Multi-Material British Columbia expressing concerns with the proposed removal of recyclable materials such as glass from curbside collection and that, as a minimum, all of the recyclable materials currently collected at curbside and the depot continue to be collected under the new PPP Stewardship Plan.

REPORT**1.0 INTRODUCTION**

Council, at its meeting on November 05, 2012, received a report from the Chair of the Environment Committee which provided preliminary comments on the draft Packaging and Printed Paper Stewardship Plan. Subsequent to the discussion and adoption of the recommendations noted in that report, the Mayor wrote to the B.C Minister of Environment expressing concerns regarding the consultation process undertaken on the Packaging and Printed Paper Extended Producer Responsibility Program and requested for an extension to allow adequate period for consultation without changing the program implementation timeline. Appearing elsewhere on the Environment Committee Meeting Agenda is a correspondence from the B.C. Minister of Environment responding to the letter from the Mayor.

The following report provides the Committee and Council with an update on the packaging and printed paper extended producer responsibility program.

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2.0 UPDATE ON THE PACKAGING AND PRINTED PAPER EXTENDED PRODUCER RESPONSIBILITY (EPR) PROGRAM

On November 19, 2012, Multi-Material British Columbia (MMBC) submitted the Packaging and Printed Paper Stewardship Plan (PPP) to the BC Ministry of Environment as required by the *BC Recycling Regulations*. While the Ministry is reviewing the plan, MMBC has initiated some preliminary groundwork to prepare for implementing the plan.

2.1 Collection Cost Research

As the Committee and Council may recall, starting in May 2014 MMBC will be supporting collection of PPP from residents by offering a market-clearing price financial incentive to:

- Local governments to provide curbside collection service for residents who take their PPP to the curb;
- Local governments and private companies to provide PPP collection services to multi-family buildings where residents take their PPP to central storage accessible by all residents of the multi-family complex; and
- Local governments, private companies and not-for-profit organizations to accept PPP from residents who deliver PPP to a depot.

In order to set the value of the market-clearing price financial incentive for each type of collection service, MMBC is currently undertaking research into existing PPP curbside, multi-family building and depot collection costs. It is to be noted that research into costs for collection of PPP from streetscape is not included and a separate process with reporting timeline will be established for this.

Following the compilation of information during this research, MMBC will offer market-clearing price financial incentive to local governments for curbside collection in second quarter of 2013. Where the local government declines the offer, MMBC will prepare and issue an RfP to private companies and an agreement will be executed with a respondent best able to comply with the vendor standards and deliver the required services. The local government will subsequently not be able allowed to provide the curbside collection service in future.

With respect to the multi-family residences and the depots, a request for expression of interest to provide PPP collection services from these facilities will be issued in the second quarter of 2013 and agreements will be executed with respondents able to comply with the vendor standards and deliver the required collection services.

Staff Comments:

Within Metro Vancouver, the City is one of the select municipalities which have received a request from MMBC to allow its representative to review municipal costs incurred in 2012 for collection of PPP from curbside, multi-family and the depot, and PPP administration and

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outreach costs. At the time of preparing this report, staff were meeting with the MMBC representative to seek clarification on the required information.

2.2 Draft Updated List of PPP to be Collected Under the New PPP Stewardship Plan

On January 18, 2013, MMBC released a draft updated list of PPP to be collected under the new PPP stewardship plan (see Attachment #1). Deadline for providing comments to MMBC on the draft list is March 01, 2014.

Staff Comments:

In reviewing the attached list, it is noted that while MMBC proposes to collect additional recyclable materials at the curbside and or the depots beyond what is collected presently, recyclable material such as glass and plastic film are proposed to be accepted at the depots only and not at the curbside as it is presently the case. MMBC states that collection of glass at the curbside results in contamination of other recyclable materials during processing and that it would be more appropriate to have it collected at the depots. From staff's perspective, this is a reduction in service and risk transference, as glass which goes uncollected at the curbside may likely be disposed into the garbage stream rather than being taken to the depot.

Given these issues, staff recommends that Council write to Mr. Allen Langdon, Chair, Multi-Material British Columbia expressing concerns with the proposed removal of recyclable materials such as glass from curbside collection and that, as a minimum, all of the recyclable materials currently collected at curbside and the depot continue to be collected under the new PPP Stewardship Plan.

2.3 Request for Expressions of Interest for Post Collection Service

On January 18, 2013, MMBC released a request for expressions of interest for post collection service in preparation for implementing PPP Stewardship Plan for BC. This is primarily targeted for processors and will allow MMBC to determine processor capabilities and capacity to process and market PPP and in preparation of an RFP presently scheduled to be released in July 2013. The deadline for response is March 1, 2013.

3.0 CONCLUSION

Following the submission of the Packaging and Printed Paper Stewardship Plan (PPP) to the BC Ministry of Environment as required by the *BC Recycling Regulations*, MMBC has initiated some preliminary groundwork to prepare for implementing the plan. MMBC has undertaken research in determining collection costs for recyclable materials at curbside, multi-family and depots and staff are presently seeking clarifications on information required by MMBC. MMBC has also released draft updated list for PPP to be collected under the PPP Stewardship Plan, and request for expression of Interest for post collection services.

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Based on the review of the draft updated list for PPP to be collected under the PPP Stewardship Plan, staff recommends that Council write to Mr. Allen Langdon, Chair, Multi-Material British Columbia expressing concerns with the proposed removal of recyclable materials such as glass from curbside collection and that, as a minimum, all of the recyclable materials currently collected at curbside and the depot continue to be collected under the new PPP Stewardship Plan.



fr Barry Davis, P.Eng.
ACTING DIRECTOR ENGINEERING

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Attachment

Copied to: City Manager

Draft Updated List of PPP Materials to be Collected by qualified Collectors - Attachment 1

| PPP Material Type | Is item residential PPP under Schedule 5? | Burnaby Current Collection | | | Proposed MMBC | | Level of Service |
|-------------------------------------|---|----------------------------|----------------|-------|--------------------|------------|------------------------|
| | | SF Curbside | MF/Com-mercial | Depot | Curbside and Depot | Depot Only | |
| Steel Gas Cylinders | no | no | no | yes | | | |
| Aluminum Beverage Cans | no | yes | yes | yes | | | decrease |
| Aluminum Cans (non-beverage) | yes | yes | yes | yes | yes | | |
| Aluminum Aerosol Cans | yes | no | no | yes | yes | | increase |
| Aluminum Foil and Foil Containers | yes | yes | yes | yes | yes | | |
| Bimetal Containers/Aerosols | yes | yes | yes | yes | yes | | |
| PLASTIC PACKAGING | | | | | | | |
| PLASTIC PACKAGING- PETE (#1) | | | | | | | |
| PETE Bottles (non-beverage) | yes | yes | yes | yes | yes | | |
| PETE Jars | yes | yes | yes | yes | yes | | |
| PETE Clamshells | yes | yes | yes | yes | yes | | |
| PETE Trays | yes | yes | yes | yes | yes | | |
| PETE Tubs and Lids | yes | yes | yes | yes | yes | | |
| PETE Cold Drink Cups | yes | yes | yes | yes | yes | | |
| PETE Films | yes | yes | yes | yes | no | | decrease |
| PET-G (all) | yes | yes | yes | yes | no | | decrease |
| PLASTIC PACKAGING- HDPE (#2) | | | | | | | |
| HDPE Bottles (non-beverage) | yes | yes | yes | yes | yes | | |
| HDPE Jars | yes | yes | yes | yes | yes | | |
| HDPE Pails | yes | yes | yes | yes | yes <25 litres | | |
| HDPE Trays | yes | yes | yes | yes | yes | | |
| HDPE Tubs and Lids | yes | yes | yes | yes | yes | | |
| HDPE Planter Pots | yes | yes | yes | yes | yes | | |
| HDPE Films | yes | yes | yes | yes | | yes | decrease-curbside only |
| PLASTIC PACKAGING- PVC (#3) | | | | | | | |
| PVC Bottles | yes | no | no | yes | yes | | increase-curbside only |
| PVC Jars | yes | no | no | yes | yes | | increase-curbside only |
| PVC Tubs and Lids | yes | no | no | yes | yes | | increase-curbside only |
| PVC Films | yes | no | no | no | no | | |
| PLASTIC PACKAGING- LDPE (#4) | | | | | | | |
| LDPE Bottles (non-beverage) | yes | yes | yes | yes | yes | | |
| LDPE Jars | yes | yes | yes | yes | yes | | |
| LDPE Tubs and Lids | yes | yes | yes | yes | yes | | |
| LDPE/LLDPE Films | yes | yes | yes | yes | | yes | decrease-curbside only |
| LDPE Cushion Packaging | yes | no | no | no | no | | |
| PLASTIC PACKAGING- PP (#5) | | | | | | | |
| PP Bottles (non-beverage) | yes | yes | yes | yes | yes | | |
| PP Jars | yes | yes | yes | yes | yes | | |

Draft Updated List of PPP Materials to be Collected by qualified Collectors - Attachment 1

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| PPP Material Type | Is item residential PPP under Schedule 5? | Burnaby Current Collection | | | Proposed MMBC | | Level of Service |
|---|---|----------------------------|----------------|-------|--------------------|------------|------------------------|
| | | SF Curbside | MF/Com-mercial | Depot | Curbside and Depot | Depot Only | |
| PP Clamshells | yes | yes | yes | yes | yes | | |
| PP Trays | yes | yes | yes | yes | yes | | |
| PP Tubs and Lids | yes | yes | yes | yes | yes | | |
| PP Cold Drink Cups | yes | yes | yes | yes | yes | | |
| PP Planter Pots | yes | yes | yes | yes | yes | | |
| PP Cushion Packaging | yes | no | no | no | no | | |
| PP Films | yes | yes | yes | yes | no | | decrease |
| PLASTIC PACKAGING- PS(#6) | | | | | | | |
| PS Bottles (non-beverage) | yes | no | no | no | yes | | increase |
| PS Clamshells (rigid) | yes | no | no | no | yes | | increase |
| PS Clamshells (EPS) | yes | no | no | yes | | yes | |
| PS Trays (rigid) | yes | no | no | no | yes | | increase |
| PS Trays/Plates (EPS) | yes | no | no | yes | | yes | |
| PS Meat Trays (EPS) | yes | no | no | yes | | yes | |
| PS Tubs and Lids (rigid) | yes | no | no | no | yes | | increase |
| PS Tubs and Lids (HIPS) | yes | no | no | no | yes | | increase |
| PS Cold Drink Cups (rigid) | yes | no | no | no | yes | | increase |
| PS Hot drink Cups (EPS) | yes | no | no | yes | | yes | |
| PS Planter Pots | yes | no | no | no | yes | | increase |
| PS Cushion Packaging | yes | no | no | yes | | yes | |
| PS Films | yes | no | no | no | no | | |
| PLASTIC PACKAGING- OTHER (#7) | | | | | | | |
| PLA Bottles (non-beverage) | yes | no | no | no | no | | |
| PLA Clamshells | yes | no | no | no | no | | |
| PLA Cold Drink Cups | yes | no | no | no | no | | |
| PHA Bottles | yes | no | no | no | no | | |
| EVOH Films | yes | no | no | no | no | | |
| Other Bottles (non-beverage) | yes | no | no | yes | yes | | increase-curbside only |
| Other Jars | yes | no | no | yes | yes | | increase-curbside only |
| Other Clamshells | yes | no | no | yes | yes | | increase-curbside only |
| Other Trays | yes | no | no | yes | yes | | increase-curbside only |
| Other Tubs and Lids | yes | no | no | yes | yes | | increase-curbside only |
| Other Cold Drink Cups | yes | no | no | yes | yes | | increase-curbside only |
| Other Planter Pots | yes | no | no | yes | yes | | increase-curbside only |
| Other Cushion Packaging | yes | no | no | no | no | | |
| Other Films | yes | no | no | yes | no | | decrease-depot only |
| PLASTIC PACKAGING- MULTI-LAYER/COMPOSITE | | | | | | | |
| Sealed/blister packaging | yes | no | no | no | no | | |

Draft Updated List of PPP Materials to be Collected by qualified Collectors - Attachment 1

| PPP Material Type | Is item residential PPP under Schedule 5? | Burnaby Current Collection | | | Proposed MMBC | | Level of Service |
|---|---|----------------------------|----------------|-------|--------------------|------------|------------------|
| | | SF Curbside | MF/Com-mercial | Depot | Curbside and Depot | Depot Only | |
| Multi-laminated Plastic-based Packaging | yes | no | no | no | no | | |
| Multi-laminated Juice/Drink Pouches | yes | no | no | no | no | | |
| Multi-laminated Plastic-based Packaging | yes | no | no | no | no | | |