

## Appendix 1

### Glossary of Terms



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**Automated Collection:** Solid Waste collection by mechanical means, where arms or other devices extend from the collection vehicle, grasp or otherwise manipulate containers, lift them overhead, tip them to empty solid waste into the vehicle, and set them back down on the ground. Fully Automated Collection requires no manual labor to grasp containers; semi-Automated Collection requires manual labor to position containers for mechanical grasping.

**Buyback Center:** Facility that purchases Recyclable Materials.

**Buy Recycled:** Purchasing Recycled Products. Buy Recycled programs often emphasize purchase of products that contain a specified or maximum level of Post Consumer content and/or Recyclable Materials content without affecting the intended use of the product.

**Commingled Recyclables:** Recyclable Materials designated for Recycling either by (1) generators' placement with other Recyclable Materials mixed in a single, common container for collection, or (2) collectors' sorting and placement in a single, common compartment on the collection vehicle.

**Composting:** Biological decomposition or decay of Organic Wastes (sometimes including mixed Solid Waste) under controlled conditions. Composting takes place under aerobic conditions, typically in an open pile (called a windrow) or in a tank or container (called in-vessel composting).

**Diversion:** Re-direction of Recyclable Materials from disposal through recycling, composting, or other recovery method.

**Diversion Rate:** The recovery of "non-MSW" waste streams; most notable asphalt, concrete, and other construction, demolition, and land clearing debris. The diversion rate is an overall measure which includes materials that fall under the "MSW Recycling Rate."

**Drop-Off Center:** Containers such as bins and Roll-Off Boxes placed at collection sites designated for deposit by generators of specified materials such as Recyclable Materials or Solid Waste.

**Environmentally Preferable Purchasing:** Buying environmentally preferable products or services that have a less or reduced adverse effect on human health and the environment than competing products or services that serve the same purpose, considering life cycle impacts: raw materials acquisition, production, manufacturing, packaging, distribution, reuse, operation, maintenance, or disposal.

**Franchise:** Right or privilege conferred by a local government on one or more private entities for the collection, transportation or other handling of Solid Waste or Recyclable Materials. A Franchise may extend throughout the corporate limits of the local government or may be limited to a specified area. Local power to grant Franchises typically stems from state or provincial law, municipal charter, or home rule authority. Franchisees may be required to secure licenses or permits in order to perform franchised services.

**Landfill:** A disposal facility or part of a facility at which solid waste is placed in or on land and which is not a land treatment facility.

**Manual Collection:** Solid Waste collection by hand rather than machine, where workers grasp, lift and empty cans or toss bags into hoppers or buckets on a collection vehicle. Contrast “Automated Collection.”

**Materials Recovery Facility (MRF):** Building where Commingled Recyclables are separated and processed (including sorting, baling, and crushing) or where Source Separated Recyclables are processed for sale to various markets. See “Intermediate Processing Center.” In a Dirty MRF, the incoming Recyclable Materials are co-collected and commingled with other non-Recyclable portions of Solid Waste. See “Mixed Waste Processing.”

**Mixed Waste Processing:** Picking, sorting and otherwise separating Recyclable Materials from commingled Refuse and Garbage, as opposed to picking, sorting and otherwise separating one type of Commingled Recyclables (such as fiber) that was separated and collected separately from Solid Waste from another type of Commingled Recyclable (such as containers). See “MRF.”

**Municipal Solid Waste (MSW):** All putrescible and nonputrescible solid and semisolid wastes, including, but not limited to, garbage, rubbish, ashes, industrial wastes, swill, sewage sludge, demolition and construction wastes, abandoned vehicles or parts thereof, and recyclable materials.

**MSW Recycling Rate:** To determine a recycling rate that is consistent and comparable to past years, Ecology has measured a very specific part of the solid waste stream since 1986. It is roughly the part of the waste stream defined as municipal solid waste by the Environmental Protection Agency. It includes durable good, nondurable good, containers and packaging, food wastes, and yard trimmings. It does not include industrial waste, inert debris, asbestos, biosolids, petroleum-contaminated soils, or construction, demolition, and land clearing debris recycled or disposed of at municipal solid waste landfills and incinerators.

**Product Stewardship:** Involves the actions taken to improve the design and manufacture of products to facilitate either their reuse, recycling or disposal, as well as actions to establish programs to collect, process and Reuse or Recycle products when they are discarded.

**Rail Haul:** Transportation of Solid Waste (generally long distances) by railroad.

**Recyclable Materials:** Solid wastes that are separated for recycling or reuse, such as papers, metals, and glass, which are identified as recyclable material pursuant to a local comprehensive solid waste plan.

**Recycled Content:** Portion of a product's or package's weight that is composed of materials re-manufactured from a Recyclable Product or packaging material, including Pre-Consumer Materials or Post-Consumer Materials.

**Recycling:** Transforming or remanufacturing waste materials into usable or marketable materials for use other than landfill disposal or incineration.

**Reuse:** Use of a product more than once in its same form for the same or different purpose without substantial alteration.

**Solid Waste Management:** Planned and organized handling of Solid Waste and Recyclable Materials in an environmentally and economically sound manner, encompassing the generation, storage, collection, transfer, transportation, processing, Resource Recovery, Reuse, and disposal of Solid Waste and Recyclable Materials and including all administrative, financial, educational, environmental, legal, planning, marketing and operational aspects thereof.

**Source Reduction (or Waste Reduction):** Actions taken to reduce Solid Waste toxicity or disposal, including (1) manufacturers' redesign and management of products and packaging to extend product life, and facilitating repair, (2) consumers' reduced purchase and consumption of products that become wastes; and (3) manufacturers' and consumers' reuse of products.

**Source Separation:** The separation of different kinds of solid waste at the place where the waste originates.

**Transfer Station:** Facility that receives and consolidates Solid Waste or Recyclable Materials from municipal or commercial collection trucks and self-haulers' vehicles and loads the Solid Waste onto tractor trailers, railcars, or barges for long-haul transport to a disposal facility.

**Variable Rates (or PAYT / Pay as You Throw):** Charges for Solid Waste collection services that incrementally increase with disposed Refuse and Garbage volume (such as 32-, 64-, or 96-gallon carts) or weight, with lesser or no charges for Recyclables collection services, to encourage Recycling and discourage disposal. Variable rates do not necessarily reflect actual operational costs but rather constitute behavioral incentives (or disincentives).

**Waste Exchange:** Organization or service that facilitates or arranges for Recyclable Materials or discarded materials from various generators or industries to be Recycled or Reused by others.

**Waste Generation:** Total amount of disposed Solid Waste and diverted Recyclables.

**Waste-to-Energy:** Controlled combustion of Solid Waste in Solid Waste Combustors having state-of-the-art pollution controls, and Energy Recovery there from. Types of Waste-to-Energy facilities include mass burn units that incinerate mixed Solid Waste with little or no prior separation, and RDF (Refuse Derived Fuel) units that separate combustible Solid Waste from noncombustible Solid Waste prior to combustion.

**Yard Debris:** Plant material commonly created in the course of maintaining yards and gardens, and through horticulture, gardening, landscaping, or similar activities. Yard debris includes, but

is not limited to, grass clippings, leaves, branches, brush, weeds, flowers, roots, windfall fruit, vegetable garden debris, holiday trees, and tree prunings that are 4 inches or less in diameter.

**Zero Waste:** Efforts to reduce Solid Waste generation waste to nothing, or as close to nothing as possible, by minimizing excess consumption and maximizing the recovery of Solid Wastes through Recycling and Composting.

## Appendix 2

### Acronyms





## Appendix 2

### Acronyms

ACM	Asbestos Containing Materials
BCAA	Benton County Clean Air Authority
BFHD	Benton-Franklin Health District
CDL	Construction, Demolition, and Landclearing Waste
CIWMB	California Integrated Waste Management Board
CPI	Consumer Price Index
CRT	Cathode Ray Tube
DOE	(U.S.) Department of Energy
DEQ	(Oregon) Department of Environmental Quality
Ecology	Washington State Department of Ecology
EPA	(U.S.) Environmental Protection Agency
EPP	Environmentally Preferable Purchasing
FTE	Full-time equivalent
HHW	Household Hazardous Waste
HDPE	High-density polyethylene
HWMA	(Washington) Hazardous Waste Management Act
LDPE	Low-density polyethylene
MSW	Municipal solid waste
MRW	Moderate risk waste
MTCA	Model Toxics Control Act
NAAQS	National ambient air quality standards
NAICS	North American Industrial Classification System
NESHAP	National Emissions Standards for Hazardous Air Pollutants
OFM	Office of Financial Management (State of Washington)
ONP	Old newsprint
ORS	Oregon Statutes
PAYT	Pay As You Throw
PETE	Polyethylene terephthalate
PVC	Polyvinyl chloride
RCRA	Resource Conservation and Recovery Act
RCW	Revised Code of Washington
SEPA	(Washington) State Environmental Policy Act

SWAC	Solid Waste Advisory Committee
SW/MRWMP	Solid Waste/Moderate Risk Waste Management Plan
SWMP	Solid Waste Management Plan
SQG	Small Quantity Generators
TPD	Tons per day
UGA	Urban Growth Area
WAC	Washington Administrative Code
WUTC	Washington Utilities and Transportation Commission

## Appendix 3

### Commercial Recycling Survey Report





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# 2011 Commercial Recycling Survey

Administered by

**City of Richland**

Solid Waste Division of Public Works  
and the Public Information Office

February 2011

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# Executive Summary

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This report provides the results of Richland's 2011 Commercial Recycling Survey. The Solid Waste Division of Public Works, in coordination with the Public Information Office, conducted and administered a survey to the commercial establishments of Richland in January and February of 2011.

## Sample Source

The survey was conducted by mail. Each commercial establishment with an active refuse account (900 businesses) received a survey with information and instructions pertaining to online survey participation. Participants were given a 2 week window-of-opportunity to complete and return the survey by mail, fax or online.

## Response Rate

Number of responses obtained: 199

Response Rate: 22.11%

Margin of Error: +/- 6.13%

Confidence Interval: 95%

## Significant Findings

1. 77.7% of participants reported that they recycle either frequently (44.2%) or occasionally (33.5%).
2. Largest business segment which currently does not recycle includes:
  - a. Multi-family complex/Apartments (87.5% of this type of business does not currently recycle).
3. The items currently recycled as indicated by survey answers include (listed from most frequently indicated to least frequently indicated)
  - a. Cardboard: 83.8% of survey participants who recycle indicated they recycle cardboard.
  - b. Mixed Paper: 53.2% of participants who recycle indicated they recycle paper.
  - c. Aluminum/Tin: 44.2% of participants who recycle indicated they recycle aluminum/tin.

- d. Other: 27.3% of participants who recycle indicated they recycle items other than what was listed. This included glass, metals, wood and oil.
- e. Plastic: 25.3% of participants who recycle indicated they recycle plastic.
- f. Organics: 1.3% of participants who recycle indicated they recycle organics.

4. Survey results and comments suggest two things:

- a. Convenience is a prerequisite for business participation in a recycling program. Those not recycling cite inconvenience of drop-boxes (46.7%) and labor concerns (16.7%) as the primary reason for non-participation.
- b. Results indicate cost would be a significant deterrent for participation in a commercial recycling program. 36.19% of those who said they would not participate in a recycling program cite cost as the primary reason. 16.4% of additional comments were related to keeping cost of recycling service low or free.

5. 20 respondents (10.05% of sample) indicated they currently have a cardboard recycling container through private contractor. This question was not asked on the survey. Data was provided through additional comments, suggesting actual percentage may be higher in the population.

6. 13.1% of additional comments indicated a desire to share recycling containers with a group of businesses.



# Comprehensive Survey Results

## 1. What type of business do you operate?

- a. Retail   b. Food Service   c. Manufacturing/Warehouse   d. Professional Service**  
**e. Hospitality   f. Medical   g. Multifamily Complex/Apartments   h. Other**

196 respondents answered this question. The choices participants specified after selecting “Other” were broken down and, where possible, factored into pre-existing answers “a” through “g.” Where “Other” responses did not fit into a pre-defined category, they were placed under a new label and are represented in the results below.

Businesses who responded defined themselves as follows:

1. Professional Service (29.59%)
2. Retail (14.79%)
3. Manufacturing/Warehouse (12.24%)
4. Food Service (10.20%)
5. Medical (9.69%)
6. Multi-Family Complex/Apartments (5.10%)
7. Hospitality (4.08%)
8. Church/Religious Establishment (6.12%)
9. Construction (3.06%)
10. Education Establishment (2.55%)
11. Auto Repair (1.53%)
12. Assisted Living (1.02%)

Figure 1.1 displays the percentage of the businesses per category. “Other” defines 8-12 from above.

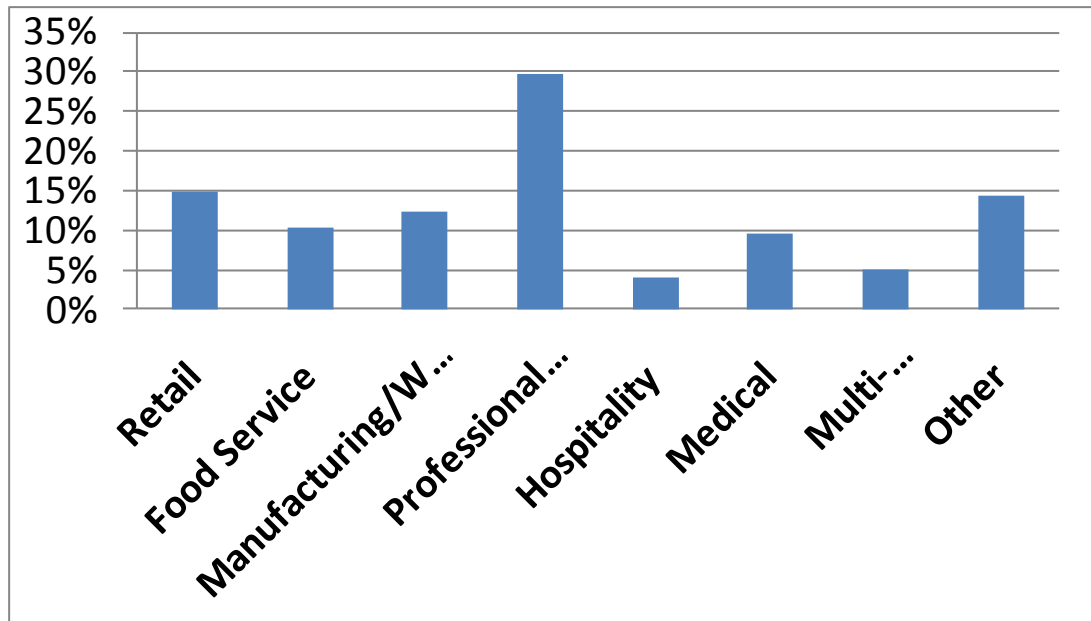


Figure 1.1 Business demographics of survey responses

## 2. Does your business currently recycle?

a. Yes, frequently.   b. Yes, occasionally.   c. No (please skip to question 4).

1. 77.7% of participants say they recycle.

- a. Yes, frequently. 44.2%
- b. Yes, occasionally. 33.5%
- c. No. 22.3%

2. In order to determine the business demographics of those who answered “no” to question 2 (does your business currently recycle?), we applied a filter provided by the online survey software. The filter selected all those surveys separated by business category that answered “no” to question 2. This resulted in 42 respondents, classified below.

### Businesses answering “no” (42 respondents), separated by category:

- 1. Professional Service (26.19%)
- 2. Multi-Family Complex/Apartments (19.05%)
- 3. Retail (14.29%)
- 4. Medical (9.52%)
- 5. Hospitality (7.14%)
- 6. Education (7.14%)
- 7. Food Service (4.76%)
- 8. Construction (4.76%)
- 9. Other (7.15%)
  - a. “Other” includes minor categories with less than 2 participants in each of the following: Religious Establishment, Auto Repair, Assisted Living and Manufacturing.

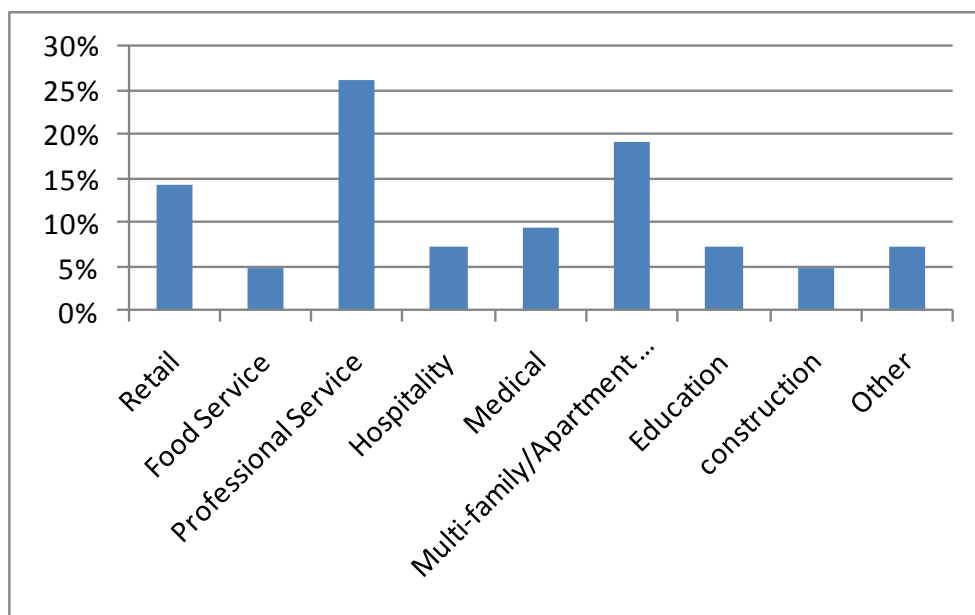


Figure 2.1 Business segments answering “No”

## Businesses Response by Segment

Responses to question 2 (Does your business currently recycle) separated by business category are displayed in Table 1.1.

**Table 1.1 Recycling By Business Category**

Type of Business	Recycles Frequently	Recycles Occasionally	Does Not Recycle
Retail	36.0%	<b>48.0%</b>	16.0%
Food Service	<b>65.0%</b>	25.0%	10.0%
Manufacturing/ Warehouse	<b>75.0%</b>	25.0%	0.0%
Professional Service	39.6%	<b>41.7%</b>	18.8%
Hospitality	33.3%	<b>50.0%</b>	16.7%
Medical	<b>41.2%</b>	35.3%	23.5%
Multi-Family/ Apartments	12.5%	0.0%	<b>87.5%</b>
Other	<b>43.6%</b>	29.1%	27.3%

### 3. [If your business currently recycles], tell us what your business recycles (please check all that apply).

Options included:

Cardboard, Mixed Paper, Plastic, Aluminum/Tin, Organics, Other (Please specify)

This question was designed for those survey participants who answered in the affirmative to the previous question (Does your business currently recycle?). 154 participants responded to this question. Results are displayed below.

1. Cardboard (83.8%)
2. Mixed Paper (53.2%)
3. Aluminum/Tin (44.2%)
4. Other (27.3%)
5. Plastic (25.3%)
6. Organics (1.3%)

Participants who responded “Other” were asked to specify what they were currently recycling.

- 15 participants said they recycle metal (steel, copper, sheet metal and carbon steel were specifically mentioned).
- 13 participants currently recycle glass.
- 4 participants recycled frying oil.

- 3 participants recycle oil
- 3 participants recycle batteries
- 2 participants recycle wood
- 2 participants recycle electronics
- Other participants indicated they recycle concrete and asphalt, construction debris and hardbound books at 1 instance each.

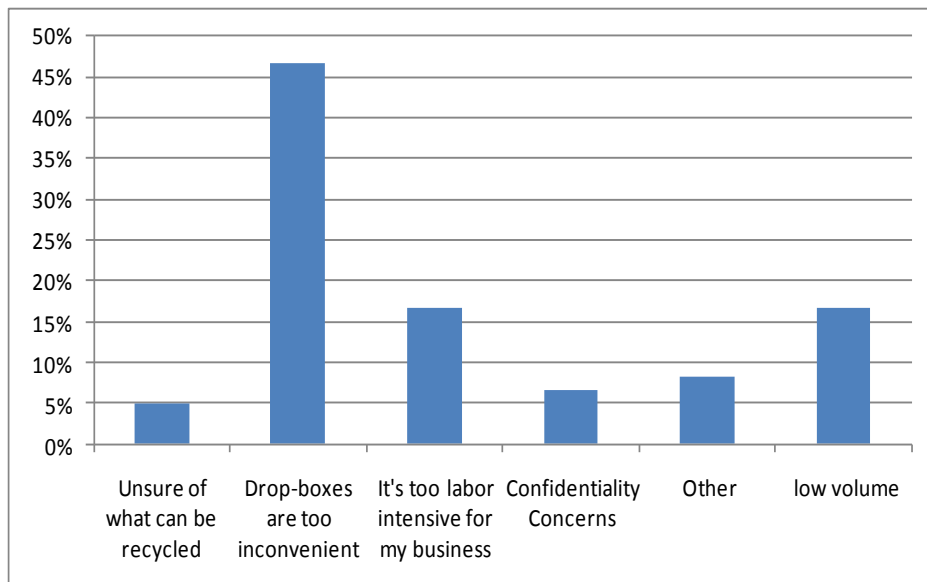
**4. [If your business does not recycle], why not?**

- a. unsure of what can be recycled**
- b. drop-boxes are too inconvenient**
- c. it's too labor intensive for my business**
- d. other (please specify)**

This question was designed for businesses which currently do not recycle; however, several responses included an answer for this question regardless of their answer to question 2 (does your business currently recycle?). They have been included in the results. 60 survey participants answered this question.

1. Drop-boxes are too inconvenient (46.7%)
2. It's too labor intensive for my business (16.7%)
3. Not enough volume to recycle (16.7%)
4. Confidentiality reasons (6.7%)
5. Unsure of what can be recycled (5.0%)
6. Need help setting up recycling (3.3%)
7. Volunteers take care of recycling (3.3%)
8. Recycling is provided by medical-waste contractor (1.6%)

All comments posted under answer option “Other” can be found in this report under Survey Comments on page 12.



*Figure 3.1 Primary reasons why businesses don't recycle*

**5. What items could you recycle in large quantities? (Please rate from 1-6; 1 being the most).**

**Options included:**

**Cardboard, Paper, Plastic, Aluminum/Tin, Organics and Other**

Question 5 is the only question to suffer from a survey design flaw. Participants of the online version were required to fill in the responses with 1-6, using each number only once. Online and paper responses that rated each item with a number 1-6 are shown in Table 1.1. The paper version, however, was returned in various formats. Participants in the paper version were more likely to indicate those items they could recycle in large quantities with a checkmark. Those answers were recorded separately and are displayed in this section.

The intent of question 5 was to determine high volume segments of the participants' collective waste stream. The results show that cardboard is the number 1 item that can be recycled, as a whole, in large quantities followed by paper. The close average responses of "Plastic" and "Aluminum/Tin" suggest that the recyclable quantity of the two categories would be similar.

**Table 2.1 Ranking Quantity of Recyclable Items**

<b>Type of Recyclable Item</b>	<b>Average Response (1 being the largest quantity)</b>
Cardboard	1.74
Paper	2.01
Plastic	3.43
Aluminum/Tin	3.53
Organics	4.95
Other	5.34

**Check-marked responses to Question 5**

The following data was compiled from the responses that indicated with a checkmark the items that can be recycled in large quantities.

72 participants used checkmarks to designate their response.

1. Cardboard (75%)

- a. 54 participants indicated they could recycle cardboard in large quantities

2. Paper (50%)

- a. 36 participants indicated they could recycle paper in large quantities

3. Plastic (22.2%)

- a. 16 participants indicated they could recycle plastic in large quantities
- 4. Aluminum/tin (16.7%)
  - a. 12 participants indicated they could recycle aluminum/tin in large quantities.
- 5. Organics (2.8%)
  - a. 2 participants indicated they could recycle organics in large quantities
- 6. Other (13.9%) - total of 10 participants
  - a. 2 participants specifically mentioned steel as a large quantity they could recycle
  - b. 2 participants wrote glass as large quantity
  - c. 3 participants indicated they could recycle waste oil in high quantities
  - d. 1 participant indicated copper as a large quantity
  - e. 1 participant indicated brass as a large quantity
  - f. 1 participant indicated “other” but did not specify what item.

**6. Approximately, what percentage does the #1 item from above occupy in your entire waste stream?**

101 participants responded to this question. The data is first displayed as the collective answer from all surveys. Next, the data is filtered to display the responses receiving the most #1 designations (cardboard and paper).

- a. 0-20%
  - 34 respondents (33.7% ) believe their number 1 item takes up less than 20% of their waste stream.
- b. 21-40%
  - 26 respondents (25.7%) believe their number 1 item takes up between 21% and 40% of their waste stream.
- c. 41-60%
  - 17 respondents (16.8%) believe their number 1 item takes up between 41% and 60% of their waste stream.
- 61-80%
  - 15 respondents (14.9%) believe their number 1 item takes up between 61% and 80% of their waste stream.
- 81-100% (8.9%)
  - 9 respondents (8.9%) believe their number 1 item takes up between 91% and 100% of their waste stream.

Note: See Table 3.1 on page 9 for Cardboard and Paper quantity responses

**Table 3.1 Participants' #1 Quantity and Percentage of Waste Stream.**

#1 Quantity	# of participants	0-20%	21-40%	41-60%	61-80%	81-100%
Cardboard	48	<b>43.8%</b>	29.2%	14.6%	6.3%	6.3%
Paper	36	13.9%	22.2%	19.4%	<b>30.6%</b>	13.9%

**7. Does your business generate enough cardboard for a separate cardboard-only container?**

- a. Yes (45.9%)                      **b. No (54.1%)**

185 participants answered the question. 20 participants (10.05%) indicated separately on this question that they currently have a cardboard recycling service. Data for this was gathered through the comments listed by participants. This would suggest that a larger segment of the population currently has a cardboard container service.

Table 4.1 below displays the cardboard container need as separated by business category.

**Table 4.1 Cardboard Container Need By Business Segment**

<b>Business Type</b>	<b>Yes</b>	<b>No</b>
Retail	<b>60.0%</b>	40.0%
Food Service	<b>85.0%</b>	15.0%
Manufacturing/Warehouse	<b>71.4%</b>	28.6%
Professional Service	22.2%	<b>77.8%</b>
Hospitality	<b>60.0%</b>	40.0%
Medical	50.0%	50.0%
Multi-Family/Apartments	<b>71.4%</b>	28.6%
Other	35.3%	<b>64.7%</b>

**8. What percentage of the entire waste generated by your business could be recycled?**

- a. 0-20%**    **b. 21-40%**    **c. 41-60%**    **d. 61-80%**    **e. 81-100%**

**a. 0-20%**

- 57 respondents (32.2%) believe that 0-20% of their waste can be recycled.

**b. 21-40%**

- 38 respondents (21.5%) believe that 21-40% of their waste can be recycled.

**c. 41-60%**

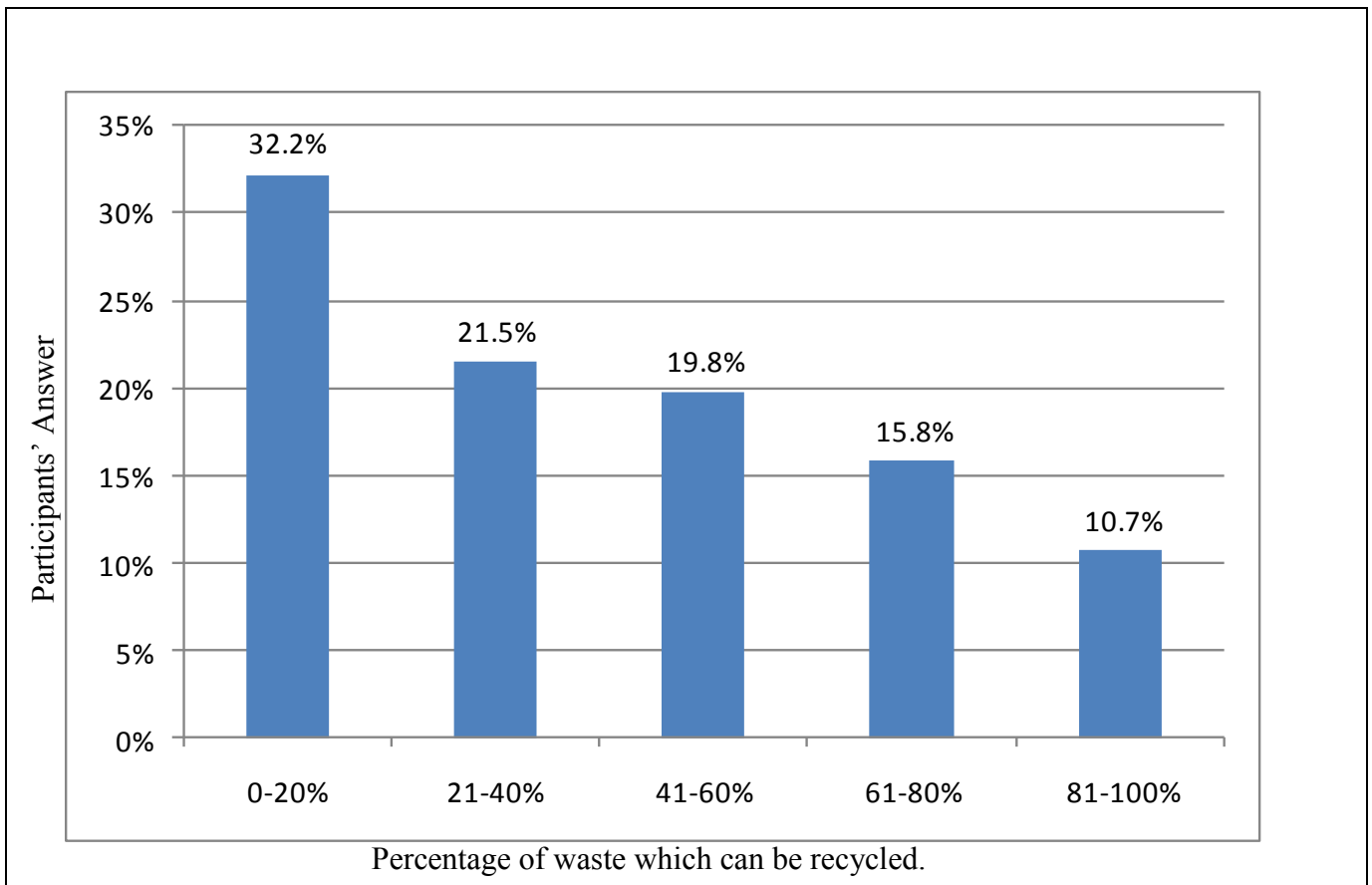
- 35 respondents (19.8%) believe that 41-60% of their waste can be recycled.

**d. 61-80%**

- 28 respondents (15.8%) believe that 61-80% of their waste can be recycled.

**e. 81-100%**

- 19 respondents (10.7%) believe that 81-100% of their waste can be recycled.



*Figure 4.1 Display of the percentage of recyclable waste.*



**9. A commercial recycling service may cost \$6-\$40 per month depending on container size, type of recyclables, and collection frequency; however, the cost of recycling can be offset by reducing the trash container size or collection frequency. Based on this information, would you participate in a commercial recycling service?**

**a. Yes    b. No. Please explain.**

Question 9 was answered by 179 survey participants. Those who answered “no” were asked to provide an explanation. The online survey version required all participants who answered “no” to provide an explanation before continuing. All comments provided can be found in this report in the Survey Comments section on page

1. Yes (53.6%)
2. No (46.4%)

Quantified comment results:

1. 36.19% of comments were related to and cited the cost of service as the primary reason why they would not participate.
2. 24.76% of participants who answered no indicated current participation in recycling program as the primary reason.
3. 11.43% believe they do not have the volume of recyclable materials necessary to participate.
4. 7.62% indicated they would need additional information before making a choice.
5. 3% cited confidentiality concerns and issues as the primary reason for answering “no.”
6. 2% of respondents were concerned with space requirements.
7. Other less common concerns included: personnel issues, proximity to drop boxes, undecided or positive remarks.

**10. List any additional comments that would help develop a commercial recycling program**

All verbatim comments are listed in the Survey Comments section on page

Quantified Results

1. 16.4% of comments show a desire for a low cost or free service.
2. 13.1% of participants who commented want the ability to share recycle bins as part of a group.
3. 11.5% of comments indicated a preference for a convenient process.
4. 11.5% of comments were generally positive and supportive statements.
5. 6.6% of comments either asked for or currently use a paper-shredding option as part of their recycling activities.
6. 5% of participants who commented listed wood as an item they want to recycle.
7. 5% of comments indicated a preference for a recycling program that included paper and magazines.
8. 5% of comments indicated a desire for the city to offer the service.

# Survey Comments

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## 4. [If your business does not recycle], why not?

- a. unsure of what can be recycled**
- b. drop-boxes are too inconvenient**
- c. it's too labor intensive for my business**
- d. other (please specify)**

### Verbatim responses under "other"

1. most mixed paper goes into shred bins. I assume they recycle but do not know that.
2. Stericycle takes care of medical waste
3. We just do not have enough stuff to recycle.
4. Financial Institution
5. Very few items that could be recycled
6. Confidential information
7. Need help setting up system
8. Nothing significant to recycle
9. I have volunteers that take away the recycling
10. Garbage is done by individuals at pool (small children)
11. Would recycle more if convenient
12. don't produce very much
13. Financial institution
14. This is a multiple medical office building - it would have to be convenient for all tenants to recycle.
15. not enough to recycle
16. [not specified]
17. Has not been set up yet – don't know how to start
18. 47 family homes
19. not much to recycle
20. And the drop-boxes are too inconvenient
21. We don't have anything to recycle
22. nothing to recycle
23. We provide swim facilities and support staff to local residents belonging to Northview Swim Club. Our pool does not generate or receive products that may be recycled (e.g., cardboard).
24. We would be able to allow all our residents to use boxes on site but the drop boxes as they are too far away and tenants do not use them.
25. Don't really know where to recycle. If it were easy, and picked up, we would recycle shredded paper, and possibly cardboard.

**9. A commercial recycling service may cost \$6-\$40 per month depending on container size, type of recyclables, and collection frequency; however, the cost of recycling can be offset by reducing the trash container size or collection frequency. Based on this information, would you participate in a commercial recycling service?**

**A. Yes            B. No. Please explain:**

If the participant answered “no” to the question, he/she was asked to explain why not. Many participants, however, answered the question in the affirmative and provided additional comments or did not indicate an answer while still providing additional comments. The participants’ answers to question nine are in parenthesis before the listed verbatim comments. All “no” answers received through the online survey option required additional comments.

Quantified comment results:

1. 36.19% of comments were related to and cited the cost of service as the primary reason why they would not participate.
2. 24.76% of participants who answered no indicated current participation in recycling program as the primary reason.
3. 11.43% believe they do not have the volume of recyclable materials necessary to participate.
4. 7.62% indicated they would need additional information before making a choice.
5. 3% cited confidentiality concerns and issues as the primary reason for answering “no.”
6. 2% of respondents were concerned with space requirements.
7. Other less common concerns included: personnel issues, proximity to drop boxes, undecided or positive remarks.

Comments:

1. (Yes) depends on cost.
2. (Yes) Please!!!
3. (Yes) if we don’t get charged for it
4. (Yes) Depends on The Cost
5. (Yes) If under \$30.00
6. (Yes) If trash container collection costs are reduced.
7. Don’t know, depends on specifics
8. Maybe with no extra cost
9. (Yes) We have the household style recyclable bin which is large enough for all our recyclable besides cardboard
10. (Yes) If low enough.
11. (Yes) Already do. We got a cardboard recycle bin 18 months ago. It cut our waste pickup from 2x a week to once/week. It services 3 buildings (about 12 Tenants).
12. (Yes) I already do.
13. (Yes) If under \$10 a month
14. (Yes) perhaps – would need more details
15. Undecided; would need to look at recycle opportunities a little closer

16. (Yes) except much of the paper waste must be shredded for confidentiality reasons & therefore, cannot be sent for commercial recycling.
17. We do with basin disposal
18. (Yes) We would have to evaluate cost vs. current recycling programs
19. (Yes) but depending on cost. \$6 – okay, \$40 – not okay. Parents recycle for us.
20. Possibly
21. (Yes) We do.
22. (Yes) Interested in finding out!! Yes.
23. Possibly
24. I would need more information and cost #s to justify my return on investment
25. (Yes) Absolutely – I love the resident recycle & would embrace it here-
26. (Yes) We would probably only generate enough for once a month collection at this time.
27. Possibly, depending on cost
28. (No) currently have one
29. (No) We already have a recycle container
30. (No) unless no cost
31. (No) We are already recycling to our capacity, sort the material at the source, and have it collected. Our experience with cardboard is that reducing the collection frequency does not reduce the cost now.
32. (No) Since moving & changing size of business, waste is drastically reduced. We generate 1 trash can (small) of assorted paper about every 2 weeks and already recycle the newspaper we get daily. All cardboard boxes are used to reship repairs to service centers
33. (No) With what little there is to recycle, we take it to the Lee Blvd recycle containers
34. (No) Not if cost to my business exceeded \$6 per month.
35. (No) Cardboard disposed off by Albertsons on Lee Blvd or on Williams Blvd
36. (No) Manages rental spaces – medical
37. (No) too costly - recycling should be a break-even proposition for businesses; we already have to pay for the packaging up front and now you want to charge us again for a separate recycling program - that does not make good business sense
38. (No) not enough resources to sort
39. (No) We have high enough utility bills – I'd rather take to recycling & get a little money back
40. (No) We do not have anything to recycle
41. (No) We've got the drop box right next to us.
42. (No) I don't generate enough to justify any cost
43. (No) we already use waste management for our cardboard
44. (No) not enough material to justify the cost
45. (No) do not have enough recyclable waste to justify a recycling fee.
46. (No) When we have cardboard, we haul to drop boxes. Do not want recycling service fee.
47. (No) I wish to continue hauling recyclables to containers at bulk collection stations. Do not want to pay a recycling fee!
48. (No) Do not wish to have a commercial recycling program
49. (No) volume generated is too low to justify time.
50. (No) Can't reduce size. Most of trash is disposable dishware and paper towels
51. (No) Paper generated contains confidential information

52. (No) Located across the street from Clayton Ward Recycling.
53. (No) if it did not cost too much. We have already reduced our garbage can size because we recycle so it is not worth much to us at this point to pay for recycling
54. (No) I can take care of the recycling myself @ no cost to me
55. (No) nothing significant to recycle
56. (No) It should be free
57. (No) our recyclable waste is cardboard and we already have a cardboard receptacle on our property
58. (No) not worth paying extra for
59. (No) In an effort to save money, we have volunteers that will take the recycling to an appropriate facility
60. (No) cost
61. (No) not cost effective
62. (No) not worth the cost
63. (No) not worth the cost
64. (No) not worth the cost
65. (No) This is a neighborhood swim club. Waste is put into the containers by anyone using the pool.
66. (No) no room @ complex for more bins – more cost to condo owners
67. (No) We do not own the building and all tenants pay a portion of the garbage bill. I believe the landlord would be the best person to ask regarding this
68. (No) Retiring at the end of year – would not be cost suff.
69. (No) We currently take what we can to Clayton Ward for the income
70. (No) Recycling by our maintenance services personnel except mixed paper and cardboard. Those are currently provided through contracts
71. (No) the products that we get either cannot be recycled due to health reasons and also 90-97% of our products are reused in the shop most of our waste comes from customers being in food and drinks containers from outside and the thing that we use the most (paper towels) can't be recycled due to the fact that it has liquid and powder acrylic on them when we are done but we do what we can by using one paper towel ripped into 3 pieces for 3 different customers instead of a whole paper towel for one customer and as for the hand washing part of business we got rid of the hand drying paper towels and replaced them with washable cloth towels same as our pedicure tubs
72. (No) Too expensive – should be include in garbage service
73. (No) unable to properly sort
74. (No) our recycling is the product of the onsite managers personal use
75. (No) Why should I pay for another service you should be providing for free
76. (No) No room in the budget. Very labor intensive until we get the students educated on separating their lunch trash
77. (No) We have a cardboard container already and recycle aluminum & glass separately
78. (No) Probably not, at present we take all our white paper & 90% of our cardboard to Clayton Ward, Richland, and they pay for it. Or I put cardboard in uptown containers
79. (No) We frequently go to the landfill with discarded mattresses and load the cardboard on those trips and recycle at landfill.
80. (No) This is a small neighborhood coop providing irrigation for 6 families. Our total recyclables are a sheet or two of paper every month or so. These are recycled through the residential recycling program

81. (No) We currently recycle all materials we can & we recover less than the cost of the program
82. (No) nothing to recycle
83. (No) We collect the recycled paper in larger boxes & when they are full, we take them to the closest bins
84. (No) We already have a cardboard recycle bin and the sheetmetal/cooper we take to the scrap yard
85. (No) Waste oil recycling company pays for us to pick it up
86. (No) We take our recycling when we do our home recycling, no desire to pay for something we can do already
87. (No) not if it is going to cost money to recycle. There is no motive!
88. (No) depends on the specifics
89. (No) not sure at this time, unable to make any commitment
90. (No) We already recycle cardboard & don't generate enough waste to justify
91. (No) We use CI shred
92. (No) Not Enough Recyclables
93. (No) Keep cost down and no place for container by store without losing parking.
94. (No) BFI
95. (No) My cost would not change
96. (No) selling the recyclables should recover the cost and this should not be used by the city government to add revenue to the black hole of city finance. If the city cannot do it without charging a fee then private enterprise should be given an opportunity.
97. (No) Maybe if it wasn't too expensive or too complicated
98. (No) Our landlord pays for the trash removal for our facility. It will be up to him if he wants to incur added costs for this service
99. (No) We don't generate enough to recycle except the cardboard and we take it to a recycle container it isn't a problem for us
100. (No) This would have to be determined by the RSD office. If we chose to do this as a school building, the extra cost of the service would come from our building budget rather than a district budget.
101. Actual answer here is yes. We presently do recycle, just not in items that are normally found in an average business. Most of our items for recycle are steel or iron ore based.
102. (No) Cost.
103. (No) We have processes in place that handle our recyclables efficiently
104. (No) Already have cardboard & paper recycle
105. (No) We do not wish to participate in this – we do not have enough!

## 10. List any additional comments that would help develop a commercial recycling program

### Quantified Results

1. 16.4% of comments show a desire for a low cost or free service.
2. 13.1% of participants who commented want the ability to share recycle bins as part of a group.
3. 11.5% of comments indicated a preference for a convenient process.
4. 11.5% of comments were positive supportive statements.
5. 6.6% of comments either asked for or currently use a paper-shredding option as part of their recycling activities.
6. 5% of participants who commented listed wood as an item they want to recycle.
7. 5% of comments indicated a preference for a recycling program that included paper and magazines.
8. 5% of comments indicated a desire for the city to offer the service.

This question in both online and paper versions was optional. The verbatim comments are listed below.

1. A paper pick-up would be helpful if you wanted more businesses to recycle paper goods
2. In our situation a cardboard only container shared between 3-4 buildings would probably be more efficient
3. My business generates 1 30 gallon bag of shredded paper and 2 30 gallon bags of misc paper every two weeks. Basically no plastic, metal or organic
4. I believe we already have the commercial recycling container- it's blue and we fill and put out according to the schedule
5. Smaller or no fee would be desirable
6. If you do it should be optional to small businesses
7. There are 4 dental offices in this building including ours. I believe that all of the others have about the same amount of waste that could be recycled! If there was at least a cardboard bin for all of the office to use, the other dental offices would be more inclined to recycle.
8. Would the city partner with private industry to make this justifiable for the businesses
9. About 100-135 church members attend on Sundays
10. We are all for it
11. I prefer it to be a city service
12. Group Commercial recycle drop-off bins @ centrally located site within Spaulding business park to reduce cost & inconvenience -> Higher participation rate.
13. We go out of way to recycle but it needs to be more cost effective & take up less room.
14. Would love to recycle, it's hard with large amounts of recycling
15. Would need to know details
16. We have our own recycling program since 1996. Important for education! We also compost. Maybe share with synagogue
17. On site disposal (shredding of cardboard & wood) would allow more frequent recycling of smaller volume materials

18. We feel that our monthly fee should provide a container
19. Why charge for service that generates income for the city?
20. I would love to down size reg container and go to recycle for cardboard and plastic container duo
21. We employ 10 people and generate only enough trash to use a standard household type trashcan since we already recycle everything we can.
22. Great Idea!
23. Depending on the cost we might be interested.
24. for our area here in Queensgate Village (keene rd) we use the grey trash cans that are rolled out weekly. it seems to me that we would be better served with a bulk trash pickup for the area. we already have cardboard pickup.
25. I have a bin for cardboard @ this time. The glass & tin I take to recycling center. Maybe a smaller container for plastics/glass/tin/ Also can be shared with neighboring businesses.
26. I think it's great this is being considered.
27. If the company supplying the containers is making a profit by recycling our waste the containers should be free.
28. We currently have Columbia Industries doing our recycling
29. Group business recycling (in our case mandrin house and us could share bins) thus requiring less containers. Especially handy for cardboard and glass as well as tin cans.
30. We are sharing cardboard recycling containers with our neighbor business site already. Thank you!
31. Ease & Convenience, no separating
32. Containers at our facility at no cost.
33. Education for tenants
34. We recycle, basically lunch products so we wouldn't have a need for bulk recycling.
35. Has the residential recycling program been cost effective both in dollars and environmental impact?
36. We are currently leasing cardboard container dumpster from BDI
37. Don't charge to do it.
38. We Have A cul-de-sac @ edge of 2 Properties Totaling well over 250 residents. This convenience would Facilitate A Recycling Bin
39. We have a strong corporate partnership philosophy Toshiba/Westinghouse!
40. Re: #3 Our BUILDING generates enough cardboard to justify a cardboard container. Having one would prevent out dumpster from being overfilled.
41. We have been trying to this this on our own and would really appreciate an organized program through the city.
42. We currently use CI Shred for recycling paper as much of our paper waste is sensitive
43. Magazines and Paper should Also be recycled.
44. We throw away large quantities of wood
45. The manpower to collect and separate items would be a huge cost to us.
46. 50% of our paper has to be shredded
47. A lot of our residents have expressed interest in recycling programs/containers, We'd perhaps have more recyclable if they were involved in this program as well. The office as a whole mostly generates paper waste, so this type of container would be the best option on our property.



48. Having separate containers for the different types of recyclables would be more efficient. We are very interested in pursuing this as most bigger markets have programs to recycle.
49. GSA currently contracts through our custodial provided and Clayton-Ward for recycling services. We welcome and encourage a city sponsored program.
50. We would love to be on a recycling program. We would volunteer to be on one if it was an experiment to see the use of one.
51. We are the satellite facility of Columbia Basin Racquet Club, we are trying to recycle here since the main gym already does but we don't have containers.
52. We dispose of a lot of cardboard and wood that could be recycled.
53. We currently use CI Shred for recycling paper as much of our paper waste is sensitive.
54. Magazines and paper should also be recycled.
55. We throw away large quantities of wood products
56. Currently we recycle approximately 1,600 pounds of cardboard each week. We have our own bailer. Clayton Ward picks up our cardboard and non-confidential paper weekly. CI Shred picks up confidential paper weekly. At this time we have 17 sites for non-confidential paper recycling at the main KRMC campus and many offsite locations. We also have an organic garden which we compost vegetable and fruit scraps from the kitchen. Currently we have not started a house wide aluminum can and plastic bottle campaign until pending a designated location for a collection center. Our kitchen does have a recycling center at the tray line however there is no formal process for managing the disposition of what is collected. Employees have started aluminum can recycling in their departments which, again does not have a formal process for disposition for what is collected. They are responsible for taking these to the recycling center. Our vision is to set an example for the community and set the standard for other businesses to become actively involved in a recycling program. The Green team has actively been collaborating for over a year to formulate a plan for implementation of recycling.
57. We do not need one.

## Miscellaneous Survey Comments

Several participants commented outside of the designated areas on the paper survey. They are recorded here verbatim.

### **Question 7. Does your business generate enough cardboard to justify a separate cardboard only container?**

**a. Yes            b. No**

1. currently paying \$13.00 wkly to wastemgmt
2. maybe, we are right across street from drop boxes
3. We already have basin disposal
4. In with a group of others in PKWY. Yes – there is always a bunch of cardboard in the dumpster
5. no, but yes for building
6. Possibly
7. We recycle cardboard using the container at the clarion hotel across the parking lot

#### *Significant Finding*

10.05% of returned surveys indicated participants currently have a cardboard recycling service.

# Appendices

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## Appendix A: Survey Instrument



Public Works Department  
Solid Waste Collection

[www.ci.richland.wa.us](http://www.ci.richland.wa.us)

**TO:** Richland Business  
**DATE:** January 18, 2011  
**SUBJECT:** *Commercial Recycling Survey*

The City of Richland invites you to help in the development of a recycling program for businesses. Please take a few minutes to complete and return this survey. The city will use your input to help determine the future expansion of recycling. If you prefer to complete the survey online, go to: [www.ci.richland.wa.us/businesssurvey](http://www.ci.richland.wa.us/businesssurvey) password: **Green2011**

**Please circle your answers.**

1. What type of business do you operate?  
a. Retail   b. Food Service   c. Manufacturing/Warehouse   d. Professional Service  
e. Hospitality   f. Medical   g. Multi-family Complex/Apartments   h. Other \_\_\_\_\_
2. Does your business currently recycle?  
a. Yes, frequently   b. Yes, occasionally   c. No (please skip to question 4).
3. If yes, please tell us what your business recycles (please check all that apply).  
 Cardboard    Mixed paper    Plastic    Aluminum/Tin    Other \_\_\_\_\_
4. If no, why not?  
a. Unsure of what can be recycled  
b. Drop-boxes are too inconvenient  
c. It's too labor intensive for my business.  
d. Other \_\_\_\_\_
5. What items could you recycle in large quantities? (please rate from 1-6; 1 being the most)  
 Cardboard    Paper    Plastic    Aluminum/Tin    Organics    Other \_\_\_\_\_
6. Approximately, what percentage does the #1 item from above occupy in your entire waste stream?  
a. 0-20%   b. 21-40%   c. 41-60%   d. 61-80%   e. 81-100%

7. Does your business generate enough cardboard to justify a separate cardboard only container?  
 a. Yes.      b. No.
8. What percentage of the entire waste generated by your business could be recycled?  
 a. 0-20%      b. 21-40%      c. 41-60%      d. 61-80%      e. 81-100%
9. A commercial recycling service may cost \$6-\$40 per month depending on container size, type of recyclables, and collection frequency; however, the cost of recycling can be offset by reducing the trash container size or collection frequency. Based on this information, would you participate in a commercial recycling service?  
 a. Yes.      b. No. Please explain:

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10. List any additional comments that would help develop a commercial recycling program.
- 
- 
- 
- 

Your input is valuable in designing and implementing a commercial recycling service. To avoid duplication and in-person visits, please fill out the information below. This information will not be incorporated into final survey results.

**Business Name:** \_\_\_\_\_

**Business Address:** \_\_\_\_\_

If interested in participating in a commercial recycling program, please leave the following information:

**Name of Contact Person:** \_\_\_\_\_

**Phone Number:** \_\_\_\_\_

**Email:** \_\_\_\_\_

Please return this survey or complete it online by **February 4, 2011**. Thank you!

You may drop off your completed survey at the collection box at City Hall, 505 Swift Boulevard, or fax or mail it to:

Phillip Hays  
 City of Richland  
 P.O. Box 190 MS 39  
 Richland, WA 99352  
 Fax: (509) 942-7682

## Appendix B: News Release 01/21/2011



505 Swift Boulevard, P.O. Box 190 Richland, WA 99352  
Telephone 509-942-7386, Fax 509-942-7600

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[www.ci.richland.wa.us](http://www.ci.richland.wa.us)

### January 20, 2011 -- FOR IMMEDIATE RELEASE

#### Media Contacts:

Phillip Hays, Intern/Survey Coordinator, 942-7621; [phays@ci.richland.wa.us](mailto:phays@ci.richland.wa.us)  
Gail Everett, Environmental Education Coordinator, 942-7730/539-6453  
Candace Andrews, Public Information Manager, 942-7386

### **RICHLAND SURVEYS BUSINESSES ON COMMERCIAL RECYCLING**

The City of Richland is conducting a solid waste and recycling survey to determine future disposal needs of the Richland business community.

Businesses should receive survey information in the mail this week.

City Intern Phillip Hays is conducting the survey for Richland's Solid Waste Division. "We encourage businesses to complete this brief survey," he said. "Results will help city staff propose future recycling programs that meet local business needs."

A participant may return a completed survey by mail, by fax at 942-7682 or by dropping it off at Richland City Hall, 505 Swift Boulevard, by Friday, February 4.

The survey is also available online; directions for online participation are included with the mailed survey.

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## Appendix C: News Release 01/21/2011



505 Swift Boulevard, P.O. Box 190 Richland, WA 99352  
Telephone 509-942-7386, Fax 509-942-7600

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[www.ci.richland.wa.us](http://www.ci.richland.wa.us)

### **January 28, 2011 -- For Immediate Release**

#### Media Contacts:

Phillip Hays, Intern/Survey Coordinator, 942-7621; [phays@ci.richland.wa.us](mailto:phays@ci.richland.wa.us)

Gail Everett, Environmental Education Coordinator, 942-7730/539-6453

Candace Andrews, Public Information Manager, 942-7386

### **February 4<sup>th</sup> Deadline for Richland Business Survey Approaches.**

The City of Richland would like to remind all businesses that the solid waste and recycling survey needs to be returned to City Hall by February 4<sup>th</sup>. A participant may return a completed survey by mail, by fax at 942-7682 or by dropping it off at Richland City Hall, 505 Swift Boulevard, by Friday, February 4<sup>th</sup>.

“Those businesses that have already completed the survey have provided invaluable insight,” said Phillip Hays, intern and survey coordinator. “We are encouraging all those businesses that have not already done so, to complete and return the survey by February 4<sup>th</sup>.”

For more information, please call 942-7621.

###

## **Appendix D: Website Welcome Message**

Thank you for your interest in the City of Richland's surveys!

In 2011, the City of Richland is conducting a business survey to help the Richland City Council and staff determine how to expand the city's recycling program to the commercial sector. The survey sampling group is limited to 1300 businesses, chosen at random from the city's utility billing list. If your business received a survey in the mail and you prefer to complete an online version, you may do so here. You will need to enter the password included on the print copy. If you have misplaced your printed copy, please call the survey coordinator in the Public Information Office at 942-7621.

Survey results will be available on this website in early March.

# Notes

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## Appendix 4

### City of Richland Municipal Code

#### Title 15 – Solid Waste



## **TITLE 15 SOLID WASTE**

### **Chapters:**

**15.04 General Provisions**

**15.08 Definitions**

**15.12 Refuse Disposal**

**15.16 Refuse Collection – Disposal Sites**

**15.20 Rates**

**15.24 Offenses and Penalties**

## **CHAPTER 15.04 GENERAL PROVISIONS**

### **Sections:**

15.04.010 Purpose.

15.04.020 Severability.

### **15.04.010 Purpose.**

The maintenance of health and sanitation requires, and it is the intention hereof, to make the collection, removal and disposal of garbage, refuse and dead animals within the city of Richland compulsory. Only the city may engage in the business of removing, transporting, recycling and disposing of residential and commercial garbage and refuse except as otherwise specifically provided in this title. [Ord. 79 § 1.01; Ord. 149; Ord. 22-75 § 1.01; Ord. 37-02].

### **15.04.020 Severability.**

The invalidity of any section, subsection, provision, clause, or portion thereof, or the invalidity of the application thereof to any person or circumstance, shall not affect the validity of the remainder of this title or the validity of its application to other persons or circumstances. [Ord. 79 § 1.02].

## CHAPTER 15.08 DEFINITIONS

Sections:

<a href="#">15.08.010</a>	Definitions.
<a href="#">15.08.015</a>	All-weather road.
<a href="#">15.08.017</a>	Apartment residential waste.
<a href="#">15.08.020</a>	Ashes.
<a href="#">15.08.030</a>	Commercial establishment.
<a href="#">15.08.033</a>	Construction/remodel/demolition waste.
<a href="#">15.08.034</a>	Container.
<a href="#">15.08.036</a>	Director.
<a href="#">15.08.040</a>	Garbage.
<a href="#">15.08.050</a>	Multifamily residence.
<a href="#">15.08.060</a>	Person.
<a href="#">15.08.070</a>	Public food establishment.
<a href="#">15.08.080</a>	Refuse.
<a href="#">15.08.090</a>	Residence.
<a href="#">15.08.093</a>	Residential waste.
<a href="#">15.08.100</a>	Rubbish.
<a href="#">15.08.110</a>	Solid waste manager.
<a href="#">15.08.120</a>	Swill.
<a href="#">15.08.130</a>	Richland commercial customer.
<a href="#">15.08.140</a>	Extra refuse.
<a href="#">15.08.150</a>	Unsecured load.

### **15.08.010 Definitions.**

The following words and phrases shall, when used in this title, have the meanings attributed to them in this chapter. [Ord. 79 § 2.01; Ord. 03-10 § 1.02].

### **15.08.015 All-weather road.**

“All-weather road” means any improved road surface which provides sufficient support and width for refuse trucks under any weather condition. This includes but is not limited to roadways covered by solid asphalt pavement, concrete, or packed gravel/rock. [Ord. 37-02; Ord. 03-10 § 1.02].

### **15.08.017 Apartment residential waste.**

“Apartment residential waste” means normal household waste from apartment dwellers. This waste does not include yard waste (including but not limited to grass clippings, plant trimmings and sod) and construction/remodel/demolition waste. [Ord. 37-02; Ord. 03-10 § 1.02].

### **15.08.020 Ashes.**

“Ashes” means the solid waste products of coal, wood, and other fuels used for heating and cooking. [Ord. 79 § 2.02; Ord. 03-10 § 1.02].

### **15.08.030 Commercial establishment.**

“Commercial establishment” means any establishment, whether or not conducted for private gain, that is not a residence. “Commercial establishment” includes, but is not limited to, multifamily residences, boardinghouses, rooming houses, hotels, motels and mobile home park offices, as well as public food establishments as defined below. [Ord. 79 § 2.03; Ord. 37-02; Ord. 03-10 § 1.02].

**15.08.033 Construction/remodel/demolition waste.**

“Construction/remodel/demolition waste” means solid waste, largely inert waste (for example, including but not limited to drywall, carpeting, or cabinetry), resulting from the construction, remodeling or demolition of buildings, sheds and other manmade structures. [Ord. 52-99; Ord. 37-02; Ord. 03-10 § 1.02].

**15.08.034 Container.**

“Container” means any detachable, freestanding container which is left at the customer’s premises and is emptied into collection trucks by mechanical means. [Ord. 37-02; Ord. 03-10 § 1.02].

**15.08.036 Director.**

“Director” means the public works director or his designee. [Ord. 52-99; Ord. 03-10 § 1.02].

**15.08.040 Garbage.**

“Garbage” includes all putrescible wastes, including vegetable offal and animal offal but not including carcasses of dead animals, sewage, human remains, body wastes, or recognized industrial byproducts, any and all liquid wastes from residential or commercial establishments, or dangerous wastes identified in Chapter 173-303 WAC. [Ord. 79 § 2.04; Ord. 7-90; Ord. 38-95; Ord. 03-10 § 1.02].

**15.08.050 Multifamily residence.**

“Multifamily residence” means any building or establishment in which more than two families can be housed, including but not limited to such structures as tri-plexes, four-plexes, eight-plexes, apartments, condominiums and townhouses. [Ord. 79 § 2.05; Ord. 38-95; Ord. 37-02; Ord. 03-10 § 1.02].

**15.08.060 Person.**

“Person” shall mean every person, firm, partnership, association, or corporation. [Ord. 79 § 2.06; Ord. 03-10 § 1.02].

**15.08.070 Public food establishment.**

“Public food establishment” means any restaurant, hotel, cafe, drinking place, grocery, food market, boardinghouse, school, church, or any other establishment where food or drink is served to or provided to, or prepared for the public with or without charge. [Ord. 79 § 2.07; Ord. 03-10 § 1.02].

**15.08.080 Refuse.**

“Refuse” means garbage, rubbish, ashes, swill and all other putrescible wastes except sewage, from all public and private establishments and residences. Refuse shall include all the above including those items that are recyclable. [Ord. 79 § 2.08; Ord. 22-75 § 1.02; Ord. 03-10 § 1.02].

**15.08.090 Residence.**

“Residence” means any dwelling unit that houses an individual family or is rented as a separate living facility including but not limited to mobile home units, manufactured homes and duplexes with separate kitchen and bathroom facilities. [Ord. 79; Ord. 37-02; Ord. 03-10 § 1.02].

**15.08.093 Residential waste.**

“Residential waste” means yard waste, normal household waste, garbage, refuse or rubbish in quantities anticipated from normal daily activities from a residence. Such waste does not include yard waste, normal household waste, garbage or rubbish delivered to the landfill in any type of commercial vehicle identified by a sign, insignia, or decal with a commercial business name, or any waste delivered to the landfill in a vehicle greater than one ton in carrying capacity. In addition, residential waste does not include any construction/remodel/demolition waste from a residence. [Ord. 52-99; Ord. 03-10 § 1.02].

**15.08.100 Rubbish.**

“Rubbish” includes all nonputrescible wastes, except ashes. [Ord. 79 § 2.10; Ord. 03-10 § 1.02].

### **15.08.110 Solid waste manager.**

“Solid waste manager” means the director or his designee for the city of Richland. [Ord. 79 § 2.11; Ord. 38-95; Ord. 37-02; Ord. 03-10 § 1.02].

### **15.08.120 Swill.**

“Swill” means every refuse accumulation of animal, fruit, and vegetable matter, liquid or otherwise, that attends the preparation, use, cooking, dealing in or storing of meat, fish, fowl, fruit, and vegetables; it shall not include coffee grounds. [Ord. 79 § 2.12; Ord. 03-10 § 1.02].

### **15.08.130 Richland commercial customer.**

“Richland commercial customer” means a customer’s business whose commercial establishment, plant or business is physically located in the city of Richland and is currently paying for monthly refuse. A commercial customer having a post office box at the Richland Post Offices does not constitute a Richland business. [Ord. 38-95; Ord. 37-02; Ord. 03-10 § 1.02].

### **15.08.140 Extra refuse.**

“Extra refuse” means refuse that does not fit within a customer’s autocan and is placed beside the autocan in a bag or box with a prepaid city refuse collection tag attached to it. Bags placed out for collection shall not exceed 32-gallon capacity and shall be of sufficient strength to contain refuse which does not exceed 40 pounds and does not rip or tear when lifted by the top of the bag. Boxes placed out for collection shall not weigh more than 40 pounds and shall be of a size that can be safely and reasonably handled by one person so that they can be placed by the refuse collector in the auto can for dumping. [Ord. 38-95; Ord. 37-02; Ord. 03-10 § 1.02].

### **15.08.150 Unsecured load.**

“Unsecured load” means a load of solid waste, litter, refuse, trash, debris or similar materials, which has not been tied, covered, or secured in the vehicle in such a manner that will prevent any part of the solid waste from leaving, dropping or escaping from the vehicle while the vehicle is in motion. [Ord. 37-02; Ord. 03-10 § 1.02].

## **CHAPTER 15.12 REFUSE DISPOSAL**

### Sections:

- 15.12.005 City and state taxes.
- 15.12.010 Accumulation and disposal of refuse regulated.
- 15.12.020 Exception for private incineration.
- 15.12.030 Refuse containers.
- 15.12.040 Specifications for refuse containers.
- 15.12.050 Special services authorized.
- 15.12.060 Refuse containers to be kept in sanitary condition.
- 15.12.070 Removal of dead animals.
- 15.12.090 Weight limit.

- 15.12.100 Ashes.
- 15.12.110 Preparation of garbage.
- 15.12.120 Precautions to prevent escape of refuse.
- 15.12.125 Escape of refuse from vehicles – Penalty.
- 15.12.130 Unsecured load – Fee and penalty.
- 15.12.135 Determination of residential landfill waste/disposal resolution.

### **15.12.005 City and state taxes.**

Residential, commercial and municipal customers serviced through the city's refuse service will be charged for refuse collection on the basis of the rates established herein which include all applicable taxes and surcharges. [Ord. 37-02; Ord. 03-10 § 1.02].

### **15.12.010 Accumulation and disposal of refuse regulated.**

It is unlawful for any person to bury, burn, dump, collect, remove, or in any other manner dispose of or deposit refuse upon any street, alley, public place, or private property within the city other than as herein provided; except, however, that this section shall not be taken to prohibit maintenance of any compost heap upon private property in a manner not constituting a nuisance. [Ord. 79 § 3.01; Ord. 03-10 § 1.02].

### **15.12.020 Exception for private incineration.**

Wastepaper, boxes, rubbish and debris, brush, grass, leaves, weeds and cuttings from trees, lawns, shrubs, and gardens may not be burned. Burning is permissible only in incinerators approved under fire control and air pollution control regulations. [Ord. 79 § 3.02; Ord. 22-75 § 1.04; Ord. 03-10 § 1.02].

### **15.12.030 Refuse containers.**

Every person in possession, charge or control of any residence, multifamily residence, public food establishment, or commercial establishment where garbage, refuse or swill is created or accumulated shall keep or cause to be kept sufficient portable refuse containers for the deposit therein of all refuse produced by such establishment.

Such person shall deposit or cause to be deposited in such containers all refuse produced by such establishment.

It shall be the duty of the owner of any dwelling, flat, apartment house, or mobile home park to furnish to or see that his tenants are supplied with and use such containers. [Ord. 79 § 3.03; Ord. 22-75 § 1.04; Ord. 38-95; Ord. 03-10 § 1.02].

### **15.12.040 Specifications for refuse containers.**

Refuse containers for residential and commercial use shall be furnished by the city. Tags for extra bags or boxes may be purchased at City Hall for \$0.75 each. [Ord. 79 § 3.04; Ord. 22-75 § 1.05; Ord. 38-95; Ord. 37-02; Ord. 03-10 § 1.02].

### **15.12.050 Special services authorized.**

The solid waste manager may make special arrangements with owners or operators of public food establishments, multifamily residences, and commercial establishments permitting the use of containers of greater capacity than 100 gallons. Container size and/or location may be changed to accommodate space limitations as determined by the solid waste manager. In these situations, customers will be charged based on the container size and frequency of pick-up; therefore, shared refuse services will be billed to a homeowners' association or similar shared user billing account. [Ord. 79 § 3.05; Ord. 38-95; Ord. 37-02; Ord. 03-10 § 1.02].

### **15.12.060 Refuse containers to be kept in sanitary condition.**

Refuse containers shall be kept in a sanitary condition with the outside thereof clean and free from grease and decomposing material. Lids shall be kept on containers except while refuse is being put in or removed from such containers. When any person puts refuse in or removes refuse from a refuse container, the lid shall be placed in the closed position.

The city will clean any sized residential or commercial containers. Cleaning is completed off site; therefore, an agreed time will be scheduled to pick up the container. Charges for this service are based on an hourly rate and will be arranged at the time of the request. [Ord. 79 § 3.06; Ord. 38-95; Ord. 37-02; Ord. 03-10 § 1.02].

### **15.12.070 Removal of dead animals.**

It shall be the duty of every person in possession, charge, or control of any dead animal or upon whose premises the same may be located, to cause the same to be removed and disposed of. No dead animals shall be placed in refuse containers. All persons seeking to remove or dispose of any dead animal shall first contact the local health district for instructions on the proper means of disposal. The Richland landfill will not accept any dead animals without prior authorization from the health district. [Ord. 79 § 3.07; Ord. 7-90; Ord. 38-95; Ord. 21-05; Ord. 03-10 § 1.02].

### **15.12.090 Weight limit.**

No refuse container set out for removal by city personnel shall weigh more than the maximum container rated weight as specified by the solid waste manager or 40 pounds per unit of extra refuse. [Ord. 79 § 3.09; Ord. 22-75 § 1.06; Ord. 51-76 § 1.01; Ord. 38-95; Ord. 03-10 § 1.02].

### **15.12.100 Ashes.**

Hot ashes or clinkers shall not be set out for removal. [Ord. 79 § 3.10; Ord. 38-95; Ord. 03-10 § 1.02].

### **15.12.110 Preparation of garbage.**

All garbage generated at any residence and/or commercial establishment shall be drained of any liquids prior to placement in containers and secured in such manner as to prevent, as nearly as possible, moisture gathering in refuse containers. Refuse containing hypodermic needles or other sharp objects should be disposed of in proper disposal containers or at a minimum a solid-wall container such as a plastic pop or milk container. [Ord. 79 § 3.11; Ord. 38-95; Ord. 03-10 § 1.02].

### **15.12.120 Precautions to prevent escape of refuse.**

All persons setting out refuse for collection shall take adequate precautions to prevent the escape thereof. [Ord. 79 § 3.12; Ord. 38-95; Ord. 03-10 § 1.02].

### **15.12.125 Escape of refuse from vehicles – Penalty.**

No person shall operate a vehicle on or over any public street or highway in the city of Richland, which vehicle contains, carries or is loaded with any refuse, trash, litter, debris, or similar materials, unless such refuse, trash, litter, debris, or similar material is packaged, contained, covered or otherwise secured in such vehicle in a manner as will prevent it from being dropped, carried away, or deposited, by the elements or otherwise, upon any property within the city.

Any person who has violated any provision of this chapter shall have committed a civil infraction subject to a civil penalty as set forth in RMC 10.02.050(E).

Provided, if the same violator has been found to have committed an infraction violation for the same or similar conduct two separate times, with the violations occurring at the same location and involving the same or similar sections of the Richland Municipal Code or other similar codes, the third or subsequent violation shall constitute a misdemeanor, punishable as provided in RMC 1.30.010 for criminal offenses. [Ord. 72-76; Ord. 17-84; Ord. 38-95; Ord. 03-10 § 1.02; Ord. 06-10 § 1.28].



**15.12.130 Unsecured load – Fee and penalty.**

A. Any vehicle entering the Richland landfill which has an unsecured load shall pay according to the disposal fee schedule then in effect plus the following unsecured load fee prior to disposal of solid waste:

LOAD SIZE	UNSECURED LOAD FEE
	CURRENT RATE
Maximum of three yards	\$4.00
Over three to 10 yards	6.50
Over 10 yards	19.50
Failure to comply penalty	65.00

This section shall not apply to vehicles carrying a load of dirt, sand or gravel; provided, that six inches of freeboard is maintained within the bed carrying the load.

B. Failure to comply with this section prior to disposing of an unsecured load is an infraction. Any person found to have committed an infraction under this section shall be assessed a penalty. [Ord. 21-87; Ord. 38-95; Ord. 37-02; Ord. 03-10 § 1.02].

**15.12.135 Determination of residential landfill waste/disposal resolution.**

It is the responsibility of the director or his designee to classify all residential waste delivered to the landfill for disposal as is defined in RMC 15.08.093. Waste classified other than residential waste will be charged the rates identified in RMC 15.20.020. If a dispute over the waste classification occurs, the customer must pay the appropriate disposal fee before gaining access to the landfill. Thereafter, the customer can request a review by the director for a refund of the landfill disposal fee. A dispute resolution form must be filled out and submitted within one month after the disposal of the waste. If the director concurs with the customer, the disposal charge will be refunded. [Ord. 52-99; Ord. 37-02; Ord. 03-10 § 1.02].

**CHAPTER 15.16  
REFUSE COLLECTION – DISPOSAL SITES**

Sections:

- 15.16.010 Schedule for collection and removal of refuse.
- 15.16.020 Points of collection of refuse.
- 15.16.025 Rural residential collection.
- 15.16.030 Private disposal at public site.
- 15.16.040 Disposal site.
- 15.16.050 Contracts for swill collection.

### **15.16.010 Schedule for collection and removal of refuse.**

The solid waste division shall regularly collect, remove, and dispose of all refuse in the residential sections of the city as well as from public food establishments, multifamily residences, schools, and hospitals, and from the business sections of the city at a collection frequency defined by the solid waste manager. [Ord. 79 § 4.01; Ord. 38-95; Ord. 37-02].

### **15.16.020 Points of collection of refuse.**

Points of collection in business districts shall be the service entrances of each business located on alleys and service roads; however, the solid waste manager may enter into a special agreement for collecting refuse at other points. Residential refuse shall be placed curbside in the street by 7:00 a.m. for collection on the day designated by the solid waste manager. [Ord. 79 § 4.02; Ord. 38-95; Ord. 37-02].

### **15.16.025 Rural residential collection.**

Properties located off of unimproved roads are considered rural. Collection points for refuse trucks are normally confined to all-weather road surfaces within the city right-of-way. Containers must be brought out to the nearest all-weather road for collection. Customers desiring collection points within their private property must provide an all-weather driving surface and turnaround area suitable to the solid waste manager, along with a letter holding the city harmless for any private property damages which may occur during collection. Such rural collection shall be made at an additional monthly charge to the customer. [Ord. 37-02].

### **15.16.030 Private disposal at public site.**

Notwithstanding the provisions of Chapter 15.12 RMC, refuse may be deposited at municipal disposal grounds designated by the director. Depositors shall be charged the applicable rates established by ordinance. [Ord. 79 § 4.03; Ord. 22-75 § 1.07; Ord. 38-95; Ord. 37-02].

### **15.16.040 Disposal site.**

The city manager is authorized to designate such city property as may seem proper as disposal sites at which refuse may be dumped in accordance with RMC 15.16.030; provided such use is permissible under city ordinances regulating zoning and land use (RMC Title 23). [Ord. 79 § 4.04; Ord. 38-95].

### **15.16.050 Contracts for swill collection.**

The city manager, with the approval of the council, is authorized to enter into contracts, in the name of the city, providing for the collection and removal of swill from public food establishments by other persons. Such contracts shall contain:

- A. Adequate safeguards to assure the sanitary handling of swill collected;
- B. Sufficient security to protect the city against claims arising out of the collections and removal of swill by the other party to the contract;
- C. Provision for a contract payment to the city; and
- D. May provide that the other party to the contract may have the exclusive right, except for the city, to collect swill from public food establishments in the city. [Ord. 79 § 4.05; Ord. 149].

## **CHAPTER 15.20 RATES**

Sections:

- 15.20.010 Delinquency.
- 15.20.020 Schedule for service charges.
- 15.20.025 Special residential rates – Low income senior citizens and low income disabled citizens.

**15.20.010 Delinquency.**

Bills are due and payable upon receipt, and are delinquent after 20 days from date of billing. Late fees and interest will be charged on all delinquent accounts according to RMC 3.25.010. Failure to receive bill will not release the customer from payment of the obligation due. Refuse containers may be picked up due to lack of payment. A residential call back fee will be required to be paid, along with all past due amounts, prior to return of the refuse container. [Ord. 79 § 5.01; Ord. 81-74 § 1.01; Ord. 22-75 § 1.08; Ord. 38-95; Ord. 34-96; Ord. 37-02; Ord. 03-10 § 1.03].

**15.20.020 Schedule for service charges.**

A. Residences. The owner or current tenant of each occupied residence other than those specified under special charges as authorized in RMC 15.12.050 shall be charged in accordance with the following schedule for the collection and removal of normal accumulations of refuse placed in the residential autocan(s) for disposal. The foregoing shall not include the removal of refuse resulting from major renovations or new construction or of earth, rocks, sod, dead animals, animal wastes, lead acid batteries or liquids. The refuse surcharge included in the rates will be reduced or eliminated if federal or state legislation eliminates the need for this financial obligation.

Residential requests for call back or returns by solid waste personnel to empty containers which had cars parked too close to a container; not at curbside and in street by 7:00 a.m.; had grass, cardboard or any other obstruction preventing the flow of the refuse out of the container; or to pick up additional refuse will be charged a call back fee of \$12.00.

MONTHLY RESIDENTIAL SOLID WASTE RATE (EFFECTIVE MARCH 1, 2010)

	Monthly Rate	Residential Call Back
Basic Refuse Service	\$16.90	\$12.00
Refuse – No Yard Waste	16.10	12.00
Recycling – Optional Additional Fee	5.70	12.00
Additional Refuse Container Fee	7.90	N/A
Additional Yard Waste or Recycling Container	2.00	N/A

All residential services will receive one gray container for household waste and one green container for yard waste identified by their color. The household (gray) container will be picked up weekly on the designated collection day. The yard waste (green) container will be collected every other week from March 1st through November 30th of each year.

On the effective date of the ordinance codified in this chapter, all residential services will be charged the “Refuse – No Yard Waste” monthly rate until a yard waste container is delivered. Customers who already have the additional containers will be charged the applicable rate for their service.

Yard waste (green) containers shall only contain vegetation material such as grass clippings, plant trimmings including woody material less than 12 inches in diameter. Dirt, construction and demolition debris, tree branches of more than 12 inches in diameter, or rubble are not allowed in the yard waste containers. Failure to use this container as described will result in an additional refuse container fee added to the utility bill.

A residence may be considered exempt from having a yard waste container and fee if all landscape space is commonly owned, such as is found at condominiums with a homeowners’ association. Residences meeting this

criteria will only be billed the “Refuse – No Yard Waste” fee once they have contacted the solid waste manager and the exemption has been verified.

Recycling collection service will be available to all Richland residential customers upon request. If requested a blue recycling container will be delivered to the customer and recycling will be collected on an every-other-week basis on the designated collection day. Allowed recycled material is cardboard, plastic, newspaper, aluminum and tin. No glass is allowed in the recycling containers. Failure to use this container as described will result in an additional refuse container fee added to the utility bill.

B. Occupied Residences. A residence shall be considered occupied until the owner or his authorized agent notifies the city’s utility billing department that the unit is vacant. Vacancy status starts the date the owner gives proper notice or at a date specified in the future by the owner. A residence is considered occupied until it no longer contains personal property. Upon notification to the city, the account can be placed in abeyance for a fee of \$20.00 which will suspend the monthly refuse charge until notification of occupancy is received by utility billing. The refuse containers will be picked up upon abeyance notification and returned upon renewed occupancy notification.

C. Condominiums and townhouse occupants are considered residential customers and billed accordingly. If space is not available for individual containers, the solid waste manager will identify a container storage location and container size that will accommodate the occupants. Billing of shared refuse containers will be to the homeowners’ association account or similar shared user account.

D. Multifamily residences shall include any tri-plex housing unit and larger. Effective the first billing of January 2011, any multifamily housing unit that has individual residential containers will have commercial containers appropriately sized for the refuse demand placed at the housing complexes and billed to the landlord/owner account. Individual containers will be picked up and account charges removed from renter accounts.

E. Drop box container service rates are indicated in the following schedule. Drop box service for less than one month will be charged for the number of days rented. Drop box container services will be considered temporary for the first two months of service and charged per day rent charges accordingly. After two consecutive months of service, users will be considered permanent. Disposal fees are subject to a one-ton minimum.

MISCELLANEOUS COMMERCIAL CONTAINER RATES

DROP BOX CONTAINER SERVICE

Year in Effect	Container Type/Descriptor	Hauling Fee	Disposal Charge per Ton	Per Day Rent Charge	Delivery Charge
Rate (Effective March 1, 2010)	Drop Box – Permanent	\$125.00	\$46.00	N/A	\$45.00
	Drop Box – Temporary	125.00	46.00	\$5.00	45.00
	Drop Box – Tires only	125.00	325.00	N/A	45.00

\* Monthly Minimum Fee – Drop box containers that are not picked up at least monthly will be charged a minimum fee consisting of: one hauling fee, a one-ton disposal charge, and per day rent charges.

F. Commercial. With the exception of large accounts covered by special contract, the rates for commercial accounts will be at the rates indicated in the following schedules. Compacted refuse will be charged two times (double) the uncompacted rate.

Commercial customers who prohibit access for scheduled container pickup shall be charged a call back charge. Examples of prohibited access include, but are not limited to, cars parked too close to a container, locked refuse enclosures, or cars blocking container enclosures.

COMMERCIAL COLLECTION RATES (EFFECTIVE MARCH 1, 2010)

Container Size	Collection Frequency per Week					Unscheduled Pickup	Commercial Call Back	Container Size Change Fee
	1X	2X	3X	4X	5X			
100 gallon	\$18.95	\$37.90	\$56.85	\$75.80	\$94.75	\$18.20	\$26.00	\$50.00
1 yard – 300 gallon	52.25	104.45	156.65	208.75	261.00	49.20	26.00	50.00
2 yard	80.00	160.05	240.05	320.05	400.05	28.20	26.00	50.00
4 yard	145.00	290.00	435.00	579.90	724.90	48.10	26.00	50.00
5 yard	168.80	337.70	506.60	675.40	884.25	58.30	26.00	50.00
6 yard	192.75	385.50	578.15	770.85	963.55	68.35	26.00	50.00
8 yard	221.75	443.50	665.25	887.00	1,108.75	88.40	26.00	50.00
Commercial Cardboard Recycling	40.30	80.55	20.80	160.95	201.25	24.35	26.00	50.00

\* Compacted front and rear loader refuse will be charged at two times (double) the uncompacted rate.

G. Disposal of residential waste at the Richland landfill will be subject to the following rates:

SELF-HAUL TO RICHLAND LANDFILL  
– RESIDENTIAL

Customer	Load Size	Rate	Description/Qualifiers
Richland Resident	Up to 1,200 lbs. Over 1,200 lbs.	\$10.00 See Commercial Rate	Ordinary residential waste including, but not limited to, construction and demolition waste and extra refuse.

SELF-HAUL TO RICHLAND LANDFILL  
– RESIDENTIAL

Customer	Load Size	Rate	Description/Qualifiers
Richland Resident	All	\$0.00	Clean yard waste.
Non-Richland Resident	Up to 1,200 lbs. Over 1,200 lbs.	\$20.00 See Commercial Rate	Ordinary residential waste including, but not limited to, construction and demolition waste and extra refuse.
Non-Richland Resident	Up to 1,200 lbs.	\$10.00	Clean yard waste.
Appliances Containing CFCs – Benton County Residents Only	Per appliance	\$43.00 each	Appliances containing chlorofluorocarbons, including, but not limited to, refrigerators and air conditioning units.
White Goods – Benton County Residents Only	Per appliance	\$5.70 each	Appliances including, but not limited to, stoves, washers, dryers, microwaves, and hot water tanks.
Dead Animals – Benton County Residents Only	Small Animals Large Animals	\$75.00 or \$150.00 each	Small Animals – dogs, cats, etc., generally less than 100 lbs. Large Animals – horses, cattle, etc., approximately 100 lbs. or more

H. Depositors of commercial loads at the Richland landfill will be charged at rates in accordance with the following schedule:

SELF-HAUL TO RICHLAND LANDFILL  
– COMMERCIAL

Customer	Load Size	Rate	Description/Qualifiers
Richland Commercial	Up to 1,200 lbs.	\$28.00 per load	Garbage, refuse, rubbish and construction remodel demolition waste.
Non-Richland Commercial	Up to 1,200 lbs.	52.00 per load	
Richland Commercial	Over 1,200 lbs.	49.00 per load	
Non-Richland Commercial	Over 1,200 lbs.	73.00 per load	

SELF-HAUL TO RICHLAND LANDFILL  
– COMMERCIAL

Customer	Load Size	Rate	Description/Qualifiers
Richland Commercial	Per ton	25.00	Commercial disposal of concrete, asphalt, rock or dirt.
Non-Richland Commercial	Per ton	49.00	
Richland Commercial	Per ton	20.00	Clean yard waste.
Non-Richland Commercial	Per ton	25.00	
Tires Only	Car tires	2.60	Disposal of tires. Cost is the charge per tire and the same charge applies to all customers.
	Truck tires	6.50	
	Heavy equipment	22.10	
Tires with Rims	Car tires	5.20	
	Truck tires	9.10	
	Heavy equipment	22.10	

I. Special Contracts. The city manager, upon approval by council, shall have the authority to enter into contract with persons who have large volumes or special requirements for collection or disposal of refuse. The price for such special service shall be in an amount sufficient to fully cover the cost to the city for providing such service.

J. All users of the disposal site will receive a receipt for their charges. Requests for production of the signed receipts or scale tickets will be subject to an administrative fee. [Ord. 79 § 5.02; Ord. 462; Ord. 719; Ord. 81-74 § 1.02; Ord. 22-75 § 1.09; Ord. 53-75; Ord. 51-76 § 1.02; Ord. 87-77; Ord. 92-79; Ord. 67-81; Ord. 59-82; Ord. 36-84; Ord. 21-85; Ord. 21-86; Ord. 31-86; Ord. 3-88; Ord. 13-89; Ord. 7-90; Ord. 31-90; Ord. 16-93; Ord. 38-95; Ord. 52-99; Ord. 37-02; Ord. 21-05; Ord. 03-10 § 1.03].

**15.20.025 Special residential rates – Low income senior citizens and low income disabled citizens.**

There shall be a 60 percent discount applied to rates specified in RMC 15.20.020(A) for solid waste services provided to residential customers qualifying as low income senior citizens or low income disabled citizens. Additional rate information regarding low income senior citizens and low income disabled citizens can be found in Chapter 3.29 RMC. [Ord. 15-91; Ord. 38-95; Ord. 37-02; Ord. 03-10 § 1.03].

## **CHAPTER 15.24 OFFENSES AND PENALTIES**

Sections:

- 15.24.010 Setting fires at disposal sites prohibited.
- 15.24.020 Private collection of refuse forbidden.
- 15.24.030 Private transportation of refuse regulated – Offenses defined.
- 15.24.040 Scavenging prohibited – Exclusive contract for scavenging authorized.
- 15.24.045 Fraudulent use of the landfill.
- 15.24.050 Violations – Penalties.

### **15.24.010 Setting fires at disposal sites prohibited.**

It is unlawful for any person to set any fire at any city-owned or operated disposal site, without permission from the solid waste manager. [Ord. 79 § 6.01; Ord. 38-95].

### **15.24.020 Private collection of refuse forbidden.**

It is unlawful for any person other than the city to engage in the business of collecting, removing, transporting or disposing of garbage and refuse in the city except as otherwise specifically provided in this title. [Ord. 79 § 1.02; Ord. 149].

### **15.24.030 Private transportation of refuse regulated – Offenses defined.**

It is unlawful for any person to transport garbage or swill over the city streets except in closed containers. It is unlawful for any person transporting refuse over the city streets to permit such refuse to be scattered over private or public property. [Ord. 79 § 6.03].

### **15.24.040 Scavenging prohibited – Exclusive contract for scavenging authorized.**

It is unlawful for any person to scavenge or salvage at any city-owned or operated disposal site or to remove any refuse therefrom without permission of the director or his delegate. The city manager is authorized to enter into contracts in the name of the city granting an exclusive right to scavenge or salvage at any or all city-owned disposal sites for any class of refuse. [Ord. 79; Ord. 37-02].

### **15.24.045 Fraudulent use of the landfill.**

It is unlawful for any person, contractor, or business to fraudulently represent himself as a Richland resident or assist another in such misrepresentation, or knowingly and/or willfully misrepresent the origin or class of solid waste in order to obtain a lower disposal charge at the landfill. Fraudulent use of the landfill is considered theft of service as provided in RMC 9.06.100. [Ord. 52-99; Ord. 37-02].

### **15.24.050 Violations – Penalties.**

Any person who has violated any provision of this chapter shall have committed a civil infraction subject to a civil penalty as set forth in RMC 10.02.050(E).

Provided, if the same violator has been found to have committed an infraction violation for the same or similar conduct two separate times, with the violations occurring at the same location and involving the same or similar sections of the Richland Municipal Code or other similar codes, the third or subsequent violation shall constitute a misdemeanor, punishable as provided in RMC 1.30.010 for criminal offenses.

For any violation of a continuing nature, each day's violation shall be considered a separate offense and shall subject the offender to the above penalties for each offense. [Ord. 79 § 6.05; Ord. 22-75 § 1.01; Ord. 51-76 § 1.03; Ord. 17-84; Ord. 38-95; Ord. 06-10 § 1.29].



## Appendix 5

### State Environmental Policy Act

(Application Pending)



**CITY OF RICHLAND**  
**Determination of Non-Significance**

**Description of Proposal:** Update of the City of Richland Solid Waste Management Plan. This document documents existing solid waste management policies and identifies strategies for future waste collection, handling and management priorities, including waste reduction, recycling, landfill disposal of separated and mixed wastes.

**Proponent:** City of Richland Public Works Department

**Location of Proposal:** Citywide

**Lead Agency** City of Richland

The lead agency for this proposal has determined that it does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request.


- ( ) There is no comment for the DNS.
- (XX) This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 14 days from the date below. Comments must be submitted by September 26, 2011.
- ( ) This DNS is issued after using the optional DNS process in WAC 197-11-355. There is no further comment period on the DNS.

**Responsible Official:** Rick Simon

**Position/Title:** Development Services Manager

**Address:** P.O. Box 190, Richland, WA 99352

**Date:** September 7, 2011

**Signature**  \_\_\_\_\_





**Planning & Development Services Division • Current Planning Section**  
**840 Northgate Drive • Richland, WA 99352 • 509/942-7598 • FAX 509/942-7764**  
**State Environmental Policy Act Checklist**

File Number: \_\_\_\_\_

**Purpose of Checklist**

The State Environmental Policy Act (SEPA), Chapter 43.21C RCW, requires all governmental agencies to consider the environmental impacts of a proposal before making decisions. An environmental impact statement (EIS) must be prepared for all proposals with significant adverse impacts on the quality of the environment. The purpose of this checklist is to provide information to help you and the agency identify impacts from your proposal (and to reduce or avoid impacts from the proposal, if it can be done) and to help the agency decide whether an EIS is required.

**Applicant Instructions**

This environmental checklist asks you to describe some basic information about your proposal. Governmental agencies use this checklist to determine whether the environmental impacts of your proposal are significant, requiring preparation of an EIS. Answer the questions briefly, with the most precise information known, or give the best description you can.

You must answer each question accurately and carefully, to the best of your knowledge. In most cases, you should be able to answer the questions from your own observations or project plans without the need to hire experts. If you really do not know the answers, or if a question does not apply to your proposal, write *do not know* or *does not apply*. Complete answers to the questions now may avoid unnecessary delays later.

Some questions ask about governmental regulations such as zoning, shoreline, and landmark designations. Answer these questions if you can. If you have any problems, the governmental agencies can assist you.

The checklist questions apply to all parts of your proposal, even if you plan to do them over a period of time or on different parcels of land. Attach any additional information that will help describe your proposal or its environmental effects. The agency to which you submit this checklist may ask you to explain your answers or provide additional information reasonable related to determining if there may be significant adverse impact.

**Use of Checklist for Nonproject Proposals**

Complete this checklist for nonproject proposals, even though questions may be answered *does not apply*. In addition, complete the **Supplemental Sheet for Nonproject Actions (Part D)**.

For nonproject actions, the references in the checklist to the words *project*, *applicant*, and *property* or *site* should be read as *proposal*, *proposer*, and *affected geographic area*, respectively.

<b>Part A • Background</b>			
Name of proposed project, if applicable: <b>City of Richland 2011 Solid Waste Management Plan</b>			
Applicant's Name/Contact Person: <b>Public Works Department / Nancy Aldrich</b>			Phone <b>942-7508</b>
Address <b>P.O. Box 190 MS-26</b>	City <b>Richland</b>	State <b>WA</b>	Zip <b>99352</b>
Date Checklist Prepared <b>August 8, 2011</b>		Agency Requesting Checklist <b>City of Richland</b>	

Proposed timing or schedule (including phasing, if applicable)

**2011 - 2016**

If you have future plans for additions, expansion, or further activity related to or connected with this proposal, please explain:

**Plan will be reviewed and updated, if necessary, in five (5) years.**

List any environmental information you know about that has been prepared, directly related to this proposal:

**Environmental review will occur on a per-project basis.**

Do you know whether applications are pending for governmental approvals of other proposals directly affecting the property covered by your proposal? Yes  No  If yes, please explain:

**There are no specific properties or projects covered in the Plan update.**

Are you aware of any government approval or permits that will be needed for your proposal? Yes  No   
If known, please explain:

**Approvals are required from Richland City Council and the Washington State Department of Ecology.**

Give a brief description of your proposal, including the proposed uses and size of the project and site. There are several questions later in this checklist that ask you to describe certain aspects of your proposal, you need not list them now.

**This 2011 Richland Solid Waste Management Plan documents existing waste management policies and handling methods. It establishes waste management framework that will guide the City of Richland in the years ahead. The 2011 Plan updates the City's previous plan, the 2009 Richland Solid Waste Management Plan.**

**In compliance with the Washington State solid waste management priorities, the strategies recommended for waste collection, handling and management priorities are to be implemented: waste reduction, recycling, landfill disposal of separated and mixed wastes.**

Location of the proposal. Give sufficient information for a person to understand the precise location of your proposed project, including a street address, if any, section, township, and range, if known. If a proposal will occur over a range of area, provide the range or boundaries of the site(s). Provide a legal description, site plan, vicinity map, and topographic map, if available. While you should submit any plans required by the agency, you are required to duplicate maps or detailed plans submitted with any permit applications related to this checklist.

**Plan will only apply within the City of Richland's UGA.**

TO BE COMPLETED BY APPLICANT	For Agency Use Only
<b>Part B • Environmental Elements</b>	
<i>Earth</i>	
<p>General description of the site (check one): Flat <input type="checkbox"/> Hilly <input type="checkbox"/> Mountainous <input type="checkbox"/>  Rolling <input type="checkbox"/> Steep Slopes <input type="checkbox"/> Other:</p> <p>The City of Richland, in Central Washington's Benton County, lies at the confluence of the Yakima and Columbia Rivers, in the geographic region known as the Mid-Columbia Basin. The City encompasses approximately 29 square miles within a region that is crossed by long mountain ridges that include the Saddle Mountains, Horse Heaven Hills and Rattlesnake Hills. Slopes range from less than 1 percent to over 20 percent at specific locations, but the majority of the area has slopes of 3 percent or less. Elevations range from approximately 300 feet along the Columbia River to over 3000 feet in the peaks of the surrounding mountains.</p>	
<p>What is the steepest slope on the site (approximate percent slope)?</p> <p>N/A</p>	
<p>What general types of soils are found on the site (for example, clay, gravel, muck, peat, sand)?</p> <p>N/A</p>	
<p>If you know the classification of agricultural soils, specify them and note any prime farmland:</p> <p>N/A</p>	
<p>Are there surface indications or history of unstable soils in the immediate vicinity?  Yes <input type="checkbox"/> No <input type="checkbox"/> If so, describe:</p> <p>N/A</p>	
<p>Describe the purpose, types, and approximate quantities of any filling or grading proposed, and indicate source of fill:</p> <p>N/A</p>	
<p>Could erosion occur as a result of clearing, construction, or use? Yes <input type="checkbox"/> No <input type="checkbox"/>  If so, generally describe:</p> <p>N/A</p>	
<p>Could erosion occur as a result of clearing, construction, or use: Yes <input type="checkbox"/> No <input type="checkbox"/>  If so, generally describe:</p> <p>N/A</p>	
<p>About what percent of the site will be covered with impervious surfaces after project construction (for example, asphalt or buildings)?</p> <p>N/A</p>	

<b>Air</b>	<b>For Agency Use Only</b>
<p>Check the types of emissions to the air that would result from the proposal during construction and when the project is completed: Automobile <input type="checkbox"/> Dust <input type="checkbox"/> Industrial Wood Smoke <input type="checkbox"/> Odors <input type="checkbox"/> If any, generally describe and give approximate quantities, if known.</p> <p><b>There will be some emissions to the air from the existing landfill, transfer station, compost facility and collection trucks transporting solid waste. These sources are expected to be only a small percentage of total air emissions generated in the City. The primary source of carbon monoxide (CO) in the atmosphere is gasoline-powered motor vehicles. Other sources include heating and power generation from natural gas and wood heat for residential, commercial or industrial uses.</b></p>	
<p>Are there any off-site sources of emissions or odor that may affect your proposal? Yes <input type="checkbox"/> No <input type="checkbox"/> If so, generally describe:</p> <p><b>Unknown</b></p>	
<p>Proposed measures to reduce or control emissions or other impacts to air, if any:</p> <p><b>Emissions from the existing landfill and compost facility are controlled and regulated. The Horn Rapids Landfill has an existing Air Operating Permit issued by the Benton Clean Air Agency.</b></p>	
<b>Water</b>	
<b>Surface</b>	
<p>Is there any surface water body on or in the immediate vicinity of the site (including year-round and seasonal streams, saltwater, lakes, ponds, wetlands)? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, describe type and provide names:</p> <p><b>The surface waters of Richland include the Columbia River and the Yakima River.</b></p>	
<p>If appropriate, state what stream or river it flows into:</p> <p><b>N/A</b></p>	
<p>Will the project require any work over, in, or adjacent to (within 200-feet) of the described waters? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, please describe and attach available plans:</p> <p><b>All existing solid waste facilities are located 200 feet or more from described surface waters.</b></p>	
<p>Estimate the amount of fill and dredge material that would be placed in or removed from surface water or wetlands and indicate the area of the site that would be affected, indicating the source of fill materials:</p> <p><b>N/A</b></p>	
<p>Will the proposal require surface water withdrawals or diversions? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Give general description, purpose, and approximate quantities if known:</p> <p><b>N/A</b></p>	



<p>Does the proposal lie within a 100-year floodplain? Yes <input type="checkbox"/> No <input type="checkbox"/> If so, note the location on the site plan.</p> <p><b>N/A</b></p>	<p><b>For Agency Use Only</b></p>
<p>Does the proposal involve any discharges of waste materials to surface waters? Yes <input type="checkbox"/> No <input type="checkbox"/> If so, describe the type of waste and anticipated volume of discharge</p> <p><b>N/A</b></p>	
<p><b>Ground</b></p>	
<p>Will ground water be withdrawn, or will water be discharged to ground water? Give general description, purpose, and approximate quantities, if known.</p> <p><b>N/A</b></p>	
<p>Describe waste material that will be discharged into the ground from septic tanks or other sources, if any (for example: domestic sewage, industrial, containing the following chemicals....., agricultural, etc.).</p> <p><b>The Horn Rapids Landfill has a 1,000 gallon septic tank to serve a scale house and maintenance buildings.</b></p>	
<p>Describe the general size of the system, the number of such systems, the number of houses to be served (if applicable), or the number of animals or humans the system(s) are expected to serve:</p> <p><b>N/A</b></p>	
<p><b>Water Runoff (including storm water)</b></p>	
<p>Describe the source of runoff (including storm water), and method of collection and disposal, if any (including quantities, if known).</p> <p><b>The existing facilities have runoff control and stormwater management plans in place.</b></p>	
<p>Will this water flow into other waters? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If so, generally describe:</p>	
<p>Could waste materials enter ground or surface waters? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If so, generally describe:</p>	

<p>Proposed measures to reduce or control surface, ground, and runoff water impacts, if any:</p> <p><b>Control systems are in place to prevent waste materials from impacting ground or runoff water at the Horn Rapids Landfill.</b></p>	<b>For Agency Use Only</b>	
<p><b>Plants</b></p>		
<p>Check the types of vegetation found on the site:          Deciduous tree: alder <input type="checkbox"/> aspen <input type="checkbox"/> maple <input type="checkbox"/> other <input type="checkbox"/> (list)  <b>N/A</b></p>		
<p>Evergreen tree: cedar <input type="checkbox"/> fir <input type="checkbox"/> pine <input type="checkbox"/> other <input type="checkbox"/> (list)  <b>N/A</b></p>		
<p>Shrubs <input type="checkbox"/> grass <input type="checkbox"/> pasture <input type="checkbox"/> crop or grain <input type="checkbox"/>  <b>N/A</b></p>		
<p>Wet soil plants: bulrush <input type="checkbox"/> buttercup <input type="checkbox"/> cattail <input type="checkbox"/> skunk cabbage <input type="checkbox"/> other <input type="checkbox"/>          (list) <b>N/A</b></p>		
<p>Water plants: eelgrass <input type="checkbox"/> milfoil <input type="checkbox"/> water lily <input type="checkbox"/> other types of vegetation <input type="checkbox"/>          (list) <b>N/A</b></p>		
<p>What kind and amount of vegetation will be removed or altered:  <b>N/A</b></p>		
<p>List threatened or endangered species known to be on or near the site:  <b>N/A</b></p>		
<p>Proposed landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site, if any:  <b>N/A</b></p>		
<p><b>Animals</b></p>		
<p>Check any birds and animals which have been observed on or near the site or are known to be on or near the site:          Birds: eagle <input type="checkbox"/> hawk <input type="checkbox"/> heron <input type="checkbox"/> songbirds <input type="checkbox"/> other <input type="checkbox"/> (list)  <b>N/A</b></p>		
<p>Mammals: bear <input type="checkbox"/> beaver <input type="checkbox"/> deer <input type="checkbox"/> elk <input type="checkbox"/> other <input type="checkbox"/> (list)  <b>N/A</b></p>		
<p>Fish: bass <input type="checkbox"/> herring <input type="checkbox"/> salmon <input type="checkbox"/> shellfish <input type="checkbox"/> trout <input type="checkbox"/> other <input type="checkbox"/> (list)  <b>N/A</b></p>		
<p>List any threatened or endangered species known to be on or near the site:  <b>N/A</b></p>		
<p>Is the site part of a migration route? Yes <input type="checkbox"/> No <input type="checkbox"/> If so, explain:  <b>N/A</b></p>		
<p>Proposed measures to preserve or enhance wildlife, if any:  <b>N/A</b></p>		

<b>Energy and Natural Resources</b>	<b>For Agency Use Only</b>
What type(s) of energy will be used to meet the completed project's energy needs: Electrical <input checked="" type="checkbox"/> Natural Gas <input type="checkbox"/> Oil <input type="checkbox"/> Solar <input type="checkbox"/> Wood Stove <input type="checkbox"/> Describe whether it will be used for heating, manufacturing, etc.	
Would your project affect the potential use of solar energy by adjacent properties? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If so, generally describe:	
What kind(s) of energy conservation features are included in the plans of this proposal?  <b>None at this time.</b>	
List other proposed measures to reduce or control energy impacts, if any:  <b>None at this time.</b>	
<b>Environmental Health</b>	
Are there any environmental health hazards, including exposure to toxic chemicals, risk of fire and explosion, spill, or hazardous waste, that could occur as a result of this proposal? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> If yes, describe:	
Describe special emergency services that may be required:  <b>N/A</b>	
Proposed measures to reduce or control environmental health hazards, if any:  <b>The Landfill have Spill Prevention and Control Plans, Emergency Response Plans and Health and Safety Programs.</b>	
<b>Noise</b>	
What types of noise exist in the area that may affect your project (for example: traffic, equipment, operations, other?):  <b>N/A</b>	

<p>What types and levels of noise would be created by or associated with the project on a short-term or long-term basis (for example: traffic, construction, operation, other)?</p> <p><b>N/A. Existing Landfill complies with noise regulations.</b></p>	<p><b>For Agency Use Only</b></p>	
<p>Indicate the hours noise would come from the site:</p> <p><b>N/A</b></p>		
<p>Proposed measures to reduce or control noise impacts, if any:</p> <p><b>N/A</b></p>		
<p><b><i>Land and Shoreline Use</i></b></p>		
<p>What is the current use of the site and adjacent properties?</p> <p><b>N/A</b></p>		
<p>Has the site been used for agriculture? Yes <input type="checkbox"/> No <input type="checkbox"/> If so, describe:</p> <p><b>N/A</b></p>		
<p>Describe any structures on the site:</p> <p><b>N/A</b></p>		
<p>Will any structure(s) be demolished ? Yes <input type="checkbox"/> No <input type="checkbox"/> If so, what?</p> <p><b>N/A</b></p>		
<p>What is the current zoning classification at the site?</p> <p><b>N/A</b></p>		
<p>What is the current comprehensive plan designation of the site?</p> <p><b>N/A</b></p>		
<p>If applicable, what is the current shoreline master program designation of the site?</p> <p><b>N/A</b></p>		
<p>Has any part of the site been classified as an "environmentally sensitive area"? Yes <input type="checkbox"/> No <input type="checkbox"/> If so, please specify:</p> <p><b>N/A</b></p>		

Approximately how many people would reside or work in the completed project?  N/A	<b>For Agency Use Only</b>
Approximately how many people would the completed project displace?  N/A	
Proposed measures to avoid or reduce displacement impacts, if any:  N/A	
Proposed measures to ensure the proposal is compatible with existing and projected land uses and plans, if any:  N/A	
<b>Housing</b>	
Approximately how many units would be provided, if any? Check the type of housing: High <input type="checkbox"/> Middle <input type="checkbox"/> Low-income <input type="checkbox"/> N/A	
Approximately how many housing units, if any, would be eliminated?  N/A	
Check the type of housing: High <input type="checkbox"/> Middle <input type="checkbox"/> Low-income <input type="checkbox"/> N/A	
Proposed measures to reduce or control housing impacts, if any:  N/A	
<b>Aesthetics</b>	
What is the tallest height of any proposed structure(s), not including antennas?  N/A	
What is the principal exterior building material(s) proposed?  N/A	
What views, in the immediate vicinity, would be altered or obstructed?  N/A	
Proposed measures to reduce or control aesthetic impacts, if any:  N/A	

<b>Light and Glare</b>	<b>For Agency Use Only</b>
What type of light or glare will the proposal produce?  <b>N/A</b>	
What time of day would it mainly occur?  <b>N/A</b>	
Could light or glare from the finished project be a safety hazard or interfere with views? Yes <input type="checkbox"/> No <input type="checkbox"/> <b>N/A</b>	
What existing off-site sources of light or glare may affect your proposal?  <b>N/A</b>	
Proposed measures to reduce or control light and glare impacts, if any:  <b>N/A</b>	
<b>Recreation</b>	
What designated and informal recreational opportunities are in the immediate vicinity?  <b>N/A</b>	
Would the proposed project displace any existing recreational uses? Yes <input type="checkbox"/> No <input type="checkbox"/> If so, describe:  <b>N/A</b>	
Proposed measures to reduce or control impacts on recreation, including recreation opportunities to be provided by the project or applicant, if any:  <b>N/A</b>	
<b>Historic and Cultural Preservation</b>	
Are there any places or objects listed on, or proposed for national, state, or local preservation registers known to be on or next to the site? Yes <input type="checkbox"/> No <input type="checkbox"/> If so, generally describe:  <b>N/A</b>	
Generally describe any landmarks or evidence of historic, archaeological, scientific, or cultural importance known to be on or next to the site:  <b>N/A</b>	
Proposed measure to reduce or control impacts, if any:  <b>N/A</b>	

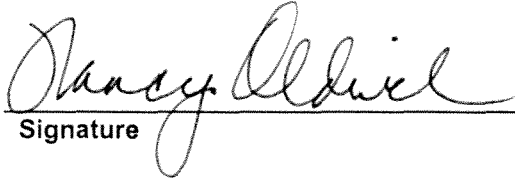
<b>Transportation</b>	<b>For Agency Use Only</b>
Identify public streets and highways serving the site:  <b>N/A</b>	
Describe proposed access to the exiting street system. Show on site plans, if any.  <b>N/A</b>	
Is site currently served by public transit? Yes <input type="checkbox"/> No <input type="checkbox"/> If no, what is the approximate distance to the nearest transit stop?  <b>N/A</b>	
How many parking spaces would the completed project have?  <b>N/A</b>	
How many parking spaces would the project eliminate?  <b>N/A</b>	
Will the proposal require any new roads, streets, or improvements to existing roads or streets, not including driveways? Yes <input type="checkbox"/> No <input type="checkbox"/> If so, generally describe :  <b>N/A</b>	
Will the new roads, streets, or improvements to existing roads or streets, not including driveways be: Public <input type="checkbox"/> Private <input type="checkbox"/> <b>N/A</b>	
Will the project use (or occur in the immediate vicinity of) water, rail, or air transportation? Yes <input type="checkbox"/> No <input type="checkbox"/> If so, generally describe:  <b>N/A</b>	
How many vehicle trips, per day, would be generated by the completed project?  <b>N/A</b>	
If known, indicate when peak volumes would occur:  <b>N/A</b>	
Proposed measures to reduce or control transportation impacts, if any:  <b>N/A</b>	

Public Services	For Agency Use Only
<p>Would the project result in an increased need for public services (for example: fire protection, police protection, health care, schools, or other)? Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>If so, generally describe:</p> <p><b>N/A</b></p>	
<p>Proposed measures to reduce or control direct impacts on public services, if any:</p> <p><b>N/A</b></p>	
<b>Utilities</b>	
<p>Check utilities currently available at the site: Electricity <input type="checkbox"/> Gas <input type="checkbox"/> Other <input type="checkbox"/>          Phone <input type="checkbox"/> Refuse Service <input type="checkbox"/> Sanitary Sewer <input type="checkbox"/> Septic System <input type="checkbox"/> Water <input type="checkbox"/></p> <p><b>N/A</b></p>	
<p>Check the utilities that are proposed for the project, and list the utility providing the service: <b>N/A</b></p>	
<p>Electricity <input type="checkbox"/></p> <p><b>N/A</b></p>	
<p>Gas <input type="checkbox"/></p> <p><b>N/A</b></p>	
<p>Other <input type="checkbox"/></p> <p><b>N/A</b></p>	
<p>Phone <input type="checkbox"/></p> <p><b>N/A</b></p>	
<p>Refuse Service <input type="checkbox"/></p> <p><b>N/A</b></p>	
<p>Sanitary Sewer <input type="checkbox"/></p> <p><b>N/A</b></p>	
<p>Septic System <input type="checkbox"/></p> <p><b>N/A</b></p>	
<p>Water <input type="checkbox"/></p> <p><b>N/A</b></p>	
<p>Describe the general construction activities on the site or in the immediate vicinity which may be needed:</p> <p><b>N/A</b></p>	



**Part C • Signature**

The above answers are true and complete to the best of my knowledge. I understand that the lead agency is relying on them to make its decision.

  
\_\_\_\_\_  
Signature

  
\_\_\_\_\_  
Date Submitted

**Part D • SUPPLEMENTAL SHEET FOR NONPROJECT ACTION**

(Do not use these sheets for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water, emissions to air, production, storage, or release of toxic or hazardous substances, or production of noise?  
**Does not apply to this Plan.**

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---

Proposed measures to avoid or reduce such increases are:

**Does not apply to this Plan.**

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2. How would the proposal be likely to affect plants, animals, fish, or marine life?

**Does not apply to this Plan.**

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---

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

**Does not apply to this Plan.**

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---

---

3. How would the proposal be likely to deplete energy or natural resources?

**Proposed Plan should have no negative impact.**

---

---

---

Proposed measures to protect or conserve energy and natural resources are:

**Does not apply to this Plan.**

---

---

---

**Part D • SUPPLEMENTAL SHEET FOR NONPROJECT ACTION**

(Do not use these sheets for project actions)

Because these questions are very general, it may be helpful to read them in conjunction with the list of the elements of the environment.

When answering these questions, be aware of the extent the proposal, or the types of activities likely to result from the proposal, would affect the item at a greater intensity or at a faster rate than if the proposal were not implemented. Respond briefly and in general terms.

1. How would the proposal be likely to increase discharge to water, emissions to air, production, storage, or release of toxic or hazardous substances, or production of noise?

*The disposal of solid waste materials without adequate safeguards could result in all of the issues cited above. However, the update to the plan will incorporate methods of solid waste disposal and recycling that are designed to minimize these impacts.*

---

Proposed measures to avoid or reduce such increases are:

*Discharge to water and air: Compliance with state regulations concerning landfill operations;  
Storage or release of toxic/hazardous substances: Compliance with state regulations;  
Production of noise: Restricting operation of landfill to normal business hours.*

2. How would the proposal be likely to affect plants, animals, fish, or marine life?

*Operation and/or expansion of the existing landfill facility would not impact plants or animals to any greater degree than what has already occurred.*

---

Proposed measures to protect or conserve plants, animals, fish, or marine life are:

*None are needed.*

3. How would the proposal be likely to deplete energy or natural resources?

*Energy is used in the transport of solid waste to the landfill and in the disposal of waste at the landfill facility.*

---

Proposed measures to protect or conserve energy and natural resources are:

*Recycling of various landfill materials occurs regularly, resulting in energy savings. Where market conditions allow, waste materials will be used to produce energy on-site*

---

4. How would the proposal be likely to use or affect environmentally sensitive area or areas designated (or eligible or under study) for government protection; such as parks, wilderness, wild and scenic rivers, threatened or endangered species habitat, historic or cultural site, wetlands, floodplains, or prime farmlands?

*The landfill operation is located well away from any environmentally sensitive area.*

---

Proposed measures to protect such resources or to avoid or reduce impacts are:

*Illegal or inappropriate dumping of solid wastes in environmentally sensitive areas can be reduced if the community is provided with a method for the proper disposal of solid wastes.*

---

5. How would the proposal be likely to affect land and shoreline use, including whether it would allow or encourage land or shoreline uses incompatible with existing plans?

*The proposed plan update is consistent with the City's adopted comprehensive plan and is surrounded by lands that are designated as heavy manufacturing uses. Further, the landfill site is well removed from any shoreline area.*

---

Proposed measures to protect such resources or to avoid or reduce impacts are:

*None are necessary.*

---

6. How would the proposal be likely to increase demands on transportation or public services and utilities?

*The City's existing landfill site has already been established. Transportation demands and impacts to public services created by the landfill have already been absorbed in the City's existing infrastructure.*

---

Proposed measures to reduce or respond to such demands are:

*The processing of some waste materials to create energy could reduce the energy requirements of the landfill facility in the future.*

---

7. Identify, if possible, whether the proposal may conflict with local, state, or federal laws or requirements for the protection of the environment.

*None known.*

---

**CITY OF RICHLAND**  
**Determination of Non-Significance**

Notice is hereby given that the City of Richland on September 7, 2011 did issue a Determination of Non-Significance for an update to the City of Richland Solid Waste Management Plan. This plan documents existing solid waste management policies and identifies strategies for future waste collection, handling and management priorities, including waste reduction, recycling, landfill disposal of separated and mixed wastes. The applicant is the City of Richland Public Works Department.

The City of Richland has determined that the proposal, as conditioned, does not have a probable significant adverse impact on the environment. An environmental impact statement (EIS) is not required under RCW 43.21C.030(2)(c). This decision was made after review of a completed environmental checklist and other information on file with the lead agency. This information is available to the public on request. This DNS is issued under WAC 197-11-340(2); the lead agency will not act on this proposal for 14 days. Comments must be submitted by September 26, 2011. Comments should be submitted to Rick Simon, Development Services Manager, City of Richland, P.O. Box 190, Richland, WA 99352 or via fax at (509) 942-7764.

Rick Simon, Responsible Official



## Appendix 6

### City of Richland Council Resolution





RESOLUTION NO. 95-11

A RESOLUTION of the City of Richland Adopting the  
City of Richland 2011 Solid Waste Management Plan.

WHEREAS, the City of Richland's Strategic Plan states, "Optimize use of the City Landfill as a resource to protect community property values," as a goal within its Infrastructure and Facilities Key; and

WHEREAS, the City of Richland Strategic Plan also states, "Leverage technologies that reduce both waste disposal and energy consumption," as a goal within its Infrastructure and Facilities Key; and

WHEREAS, in April 2009, the City adopted the 2009 Solid Waste Management Plan as a guiding document for long range operation of the Solid Waste Utility; and

WHEREAS, the City has updated and revised the Plan to comply with current language in RCW 70.95; and

WHEREAS, the City has updated and revised the Plan to reflect the curbside recycling program instituted by the City; and

WHEREAS, the City's 2011 Solid Waste Management Plan was developed under the guidance of its Solid Waste Advisory Committee and Utility Advisory Committee; and

WHEREAS, the Washington State Department of Ecology has provided guidance and technical support for incorporation into the Benton County Plan.

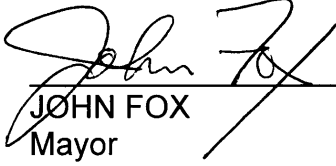
NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Richland as follows:

Section 1. Council approves and adopts the City of Richland 2011 Solid Waste Management Plan as the guiding document for the long range operation of its Solid Waste Utility.


Section 2. All specific programs and projects carried out by the Solid Waste Utility pursuant to the Solid Waste Management Plan will be subject to the normal policy and budgetary oversight provided by the City Council and Utility Advisory Committee.

BE IT FURTHER RESOLVED that this resolution shall take effect immediately.

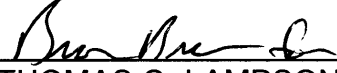
ADOPTED by the City Council of the City of Richland at a regular meeting on the 6th day of December, 2011.

  
\_\_\_\_\_  
JOHN FOX  
Mayor

ATTEST:

  
\_\_\_\_\_  
MARCIA HOPKINS  
City Clerk

APPROVED AS TO FORM:

  
\_\_\_\_\_  
THOMAS O. LAMPSON  
City Attorney