Report

Waste Composition Study

Project I.D.: 14R002

Prepared for Ramsey/Washington County Resource Recovery Project Board

September 2014











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September 3, 2014

Zack Hansen Judy Hunter Ramsey Washington County Resource Recovery Project 2785 White Bear Ave N Maplewood, MN 55109

Dear Zack and Judy:

RE: Waste Composition Study

This letter transmits the Final Report of the Waste Composition Study. The data and information in the report will be useful for the current planning process addressing State goals for recycling and organics recovery as well as for future waste processing.

We look forward to working with you and your team in this planning process.

Sincerely,

Foth Infrastructure & Environment, LLC

trusos

Warren Shuros Client Director

Susan Young Senior Consultan

Cc: John Culbertson, MSW Consultants

Distribution

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Project ID: 14R002

Prepared for Ramsey Washington County Resource Recovery Project

2785 White Bear Avenue North Maplewood, MN 55109

Prepared by Foth Infrastructure & Environment, LLC

In association with **MSW Consultants**

September 2014

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Executive Summary

The Ramsey/Washington Counties Resource Recovery Project Board is evaluating future options for processing and disposal of waste generated in the Counties. To inform the planning efforts, current waste composition data specific to generator types is needed. The composition of residential wastes typically is different from commercial wastes. Different approaches for recycling may be considered.

This study sought to determine the composition of waste from the following generator sectors:

- Residential,
- Commercial (including multi-family apartments collected on commercial routes), and
- The percentage breakdown between residential and commercial waste tonnages.

Although the study did not seek statistically comprehensive samples from the multi-family sector, a small number of waste samples from a segregated load of multi-family wastes were also sorted to provide anecdotal information.

Detailed waste composition results for wastes from residential sources, commercial sources, and the aggregates are provided in the report. The tables below provide a summary of the "Top Ten" waste composition categories in residential and commercial wastes. The study determined that residential wastes make up approximately 45 percent of the total municipal solid wastes (MSW) with commercial wastes totaling to the remaining 55 percent.

Rank	Material	Percent
1	Food Waste	20.0%
2	Yard Waste	7.6%
3	Textiles & Leather	7.1%
4	Compostable Paper	6.3%
5	Film: Other	4.5%
6	C&D Material	4.3%
7	Carpet & Padding	3.5%
8	Diapers/Sanitary Napkins	3.0%
9	Bulky Material	2.6%
10	Non-Recyclable Plastic	2.5%
Cumulative 61.4%		

Table ES-1Top Ten Most Prevalent Materials in Residential Waste

Rank	Material	Percent
1	Food Waste	22.4%
2	Bulky Material	8.4%
3	Treated Wood/ Plywood	8.1%
4	Compostable Paper	6.3%
5	Non-Recyclable Plastic	5.4%
6	Cardboard/Kraft paper	5.3%
7	Clean Lumber/ Pallets/ Crates	5.2%
8	Film: Other	3.3%
9	C&D Material	2.4%
10	Other Organics	2.0%
Cumulative 68.7%		

Table ES-2Top Ten Most Prevalent Materials in in Commercial Waste

Food wastes were found in particularly high percentages. Residential waste had 20 percent food waste. This was fairly uniformly found in samples. Commercial waste had 22.4 percent Food Waste.

The "Top Ten" categories of waste still present in both residential and commercial waste are noticeably lacking the standard recyclables. Only Cardboard/Kraft Paper made the Top Ten in commercial waste. Recovering even higher percentages of the standard recyclables may not achieve the new state goal of 75 percent recovery. Several of the "Top Ten" categories will be difficult to recover (bulky material, treated wood/plywood, textiles and leather, non-recyclable plastics, film, etc.).

The percentage of the "standard" or "typical" recyclables such as Newspaper still remaining in both the residential and commercial waste streams is fairly low.

Future options for recycling/organics recovery will need to focus on the Food Wastes.

The low percentages of the standard recyclables and the higher fraction of food waste found in the Counties is consistent with the results from other waste composition studies in jurisdictions with mature, aggressive recycling and diversion programs (including those with effective volume-based pricing structures that give waste generators an incentive to reduce as well as recycle).

The data provided in this report will be used in planning for future recycling and waste processing options.

List of Abbreviations, Acronyms, and Symbols

Foth	Foth Infrastructure & Environment, LLC
HDPE	High-Density Polyethylene
HHW	Household Hazardous Waste
ICI	Industrial, Commercial and Institutional
MSW	Municipal Solid Waste
MSW Consultants	MidAtlantic Solid Waste Consultants
Newport	Newport Resource Recovery Facility
PET	Polyethylene Terephthalate
RRT	Resource Recovery Technologies

1 Introduction

1.1 Purpose

The Ramsey/Washington Counties Resource Recovery Project Board is evaluating future options for processing and disposal of waste generated in the Counties. To inform the planning efforts, current waste composition data specific to generator types is needed. The composition of residential wastes typically is different from commercial wastes. Different approaches for recycling may be considered. Existing data of statewide waste composition does not reflect the special conditions of Ramsey and Washington Counties, nor does it reflect differences in residential, commercial and multi-unit residential waste characteristics that may be important to the Counties as they develop alternatives to meet state mandates.

This study also provides information to evaluate the tonnage contributions of residential versus commercial wastes delivered directly or indirectly to the RRT Newport Resource Recovery Facility (Newport Facility). The waste generation data by generator type developed for this study served as the basis for a representative sampling plan.

1.2 Background

MidAtlantic Solid Waste Consultants (MSW Consultants) is a specialized consulting company that is nationally recognized for its expertise in designing and implementing waste and recycling characterization studies. Examples of recent work include a waste characterization study statistical analysis for the Minnesota Pollution Control Agency, a state-wide waste characterization study for the Iowa Department of Natural Resources, a statewide waste characterization study for CalRecycle and a residential capture rate and waste/recycling capture analysis for the City of Boston. MSW Consultants, working as a sub consultant to Foth Infrastructure & Environment, LLC (Foth), was responsible for the performance of a waste composition study to characterize the wastes generated in Ramsey and Washington counties and delivered to the Newport Facility. This report summarizes the methodology and results of the waste composition study.

This study sought to determine the composition of wastes from the following generator sectors:

- Residential,
- Commercial (including multi-family apartments collected on commercial routes), and
- The aggregate of residential and commercial, including wastes delivered in transfer trailers.

Although the study did not seek statistically comprehensive samples from the multi-family sector, a small number of waste samples from a segregated load of multi-family wastes were also sorted, and results to this non-statistical data are provided herein.

1.3 Report Organization

The remainder of this report presents the methodology and results of the waste composition study. The report is divided into the following sections:

Methodology:

This section provides an overview of available waste generation and disposal data, and provides the sampling plan that was developed to govern the study process and to provide statistically defensible data. This section also summarizes the field data collection methods and analytical methods applied in the study.

• Results:

Detailed results about the composition of the disposed waste are presented in this section. Results are presented in both tabular and graphical format to highlight findings of interest. Results are presented in the aggregate and by generator sector.

• Observations:

This section notes interesting results and specific observations made.

• Appendices:

The appendices include a hauler survey form used to collect data associated with the breakdown of residential versus commercial wastes (Appendix A). Material sorting definitions are contained in Appendix B. Field data collection forms are provided in Appendix C.

2 Methodology

To accurately determine the sampling needs for the study, the relative contributing tonnages from commercial and residential generators was required. Often a random pattern of loads (every fifth truck, every one-hundredth ton, etc.) entering a facility is used to determine the waste that should be sampled. Operations of hauling companies, however, place biases on the results of waste sampled in this manner. Commercial wastes can be concentrated in early morning loads, residential wastes in later morning or afternoon loads, and restaurant wastes in Saturday loads. Commercial trucks carry significantly heavier loads than residential route trucks and the relative tonnage distribution of residential versus commercial waste is usually not represented by delivery schedules.

In the case of the Newport Facility, a large percentage of the tonnage is delivered by transfer trailer from merchant facilities, which may or may not reflect the generator split of directly delivered loads. The Counties, to meet state requirements, have specific recycling, composting and other diversion goals that must be met; understanding the relative contribution of wastes from specific sectors will better inform their decisions on wastes generators and types to target to cost-effectively meet those goals. Finally, after load data is obtained, the relative weight to give each sample to accurately aggregate the composition data requires knowledge of the relative tonnage contribution of the waste sectors.

Generally, it is the intent of any sampling plan to obtain samples of residential and commercial wastes in proportion to the amount generated by each sector. Further, the sampling plan should capture samples from the various haulers and truck types in which wastes are delivered; and from each day of the week on which significant waste collection occurs.

The Newport Facility receives direct haul wastes from multiple haulers. Based on facility scale house data, the type of collection vehicle, and on input from the haulers, Foth developed a detailed compilation of wastes originating in the residential sector and wastes originating in the commercial sector.

The Newport Facility also receives a significant fraction of wastes delivered in transfer trailers. Residential and commercial wastes are mixed together on these loads. Consequently, Foth communicated with the originating transfer stations and individually determined the breakdown of residential and commercial wastes received.

The overall quantity of residential and commercial wastes received at the Newport Facility is therefore the sum of direct-hauled wastes plus the individual breakdowns of residential and commercial wastes received at the originating transfer stations.

2.1 Waste Disposal by Generator Sector

Foth obtained the customer (hauler) names from RRT for the loads directly delivered to the Newport Facility and the names of companies that haul Ramsey and Washington County wastes to three transfer stations reported to receive MSW from the Counties (SKB Malcom, SKB Blaine and Advanced Disposal transfer stations). RRT also provided information on the residential/commercial splits at the Advanced Disposal transfer station. A variety of methods was used to determine the residential and commercial splits for each facility, depending on the facility. At the Newport Facility, and at the Advanced Transfer Station, drivers were asked at the facility entrance if they had a predominantly residential or predominantly commercial load. This occurred for approximately a month prior to the waste composition study.

Web research and direct calls to companies identified the types of wastes that companies, especially roll-off or property management companies, haul to the four facilities. Foth staff also conducted in-person, phone and e-mail interviews of Transfer Station operators and waste hauling companies. An example of the data requested of individual haulers is found in Appendix A. Aspen, Walters, Gene's, SRC, ACE and Tennis were very helpful with responses.

The delivered tonnage to various facilities was apportioned using the hauler-specific residential or commercial information, by facility. For instance, if a hauling company reported ninety five (95) percent of their tonnage delivered to a Ramsey/Washington facility as residential, the ninety five percent was applied to their total tons, except for ACE. ACE reported separate residential/commercial splits for Ramsey County and for Washington County, and the percentages were applied accordingly. Roll off tons were considered commercial. Deliveries by residential customers (e.g. pick-ups, cars with trailers) were considered residential.

Tonnage splits for companies that did not respond to the data request were estimated based on knowledge of the company or through knowledge of the company's truck number identification system. The companies and their waste types were analyzed at each facility to which they delivered waste (i.e., at the Newport Facility or to one or more transfer stations delivering to the Newport Facility).

Tonnage data from the four facilities by customer was provided by RRT. January, 2014 through April, 2014 tonnage data was used to calculate residential and commercial percentages. Table 2-1 summarizes the residential and commercial waste splits by facility. The overall commercial waste percentage is 55 percent. The overall residential contribution is 45 percent. These percentages also served as the basis for aggregating the residential and commercial waste composition results into an aggregate waste composition for the combined Counties' disposed waste stream.

Table 2-1Ramsey and Washington Counties MSW Source PercentagesResidential and Commercial

Lauran Amil 2014

January – April 2014						
Facility	Commercial	Percent	Residential	Percent	Total	Percent
	Tons		Tons		Tons	of Origin
SKB Blaine Transfer Station	1,260	31%	2,784	69%	4,044	4%
Advanced Disposal Transfer Station	16,423	67%	8,809	33%	24,512	25%
SKB Malcolm Transfer Station	4,191	85%	725	15%	4,916	5%
Newport Direct Delivery	32,288	49%	33,605	51%	65,893	66%
Total	54,162	55%	45,203	45%	99,365	100%

2.2 Allocation of Samples

There were two primary factors to develop the sampling plan:

- Sample Number: The first consideration was to obtain a sufficient number of samples, within available budget, to provide a statistically defensible estimate of the waste composition. This study targeted 24 residential samples and 30 commercial samples. Both sampling targets were expected to provide defensible results; however, a higher sampling target was assigned to the commercial sector because prior studies have shown that there is higher variability in the composition of commercial samples. The incremental samples were therefore obtained to improve the confidence of commercial composition results.
- Sample Distribution: Because of the excellent availability of data from RRT, this study used a stratified sampling approach rather than a purely random sampling approach to obtain samples. The stratified sampling approach subdivided incoming wastes by hauler, and then captured samples in proportion to the tonnage delivered by hauler and generator sector. MSW Consultants prefers to use stratified sampling when data are available because it assures the best distribution of samples.

Tables 2-2 and 2-3 summarize the sampling targets and actual samples obtained during the study. As shown in the table, the sampling targets were achieved or exceeded with minimal variation which does not impact the representativeness of the results.

Foth was successfully able to identify one hauler able to deliver a segregated load of multifamily wastes. MSW Consultants obtained four samples from this load to develop a basic estimate of multi-family waste composition.

Hauler	% of Deliveries	Targeted Samples	Actual Samples
Allied Waste – Action	26.2%	5	6
Waste Management	16.4%	4	4
Tennis Sanitation	21.0%	4	5
Aspen	0.0%	0	0
Advanced Disposal (fka Veolia)	0.0%	1	0
Nitti Sanitation	4.8%	1	1
Highland Sanitation	6.2%	2	2
Walters Recycling & Refuse	0.0%	0	0
Advanced Disposal (fka Vasko)	4.7%	1	1
Maroney's Sanitation	10.1%	1	2
Troje's Trash	0.0%	1	0
Gene's Disposal	2.9%	1	1
Waste Management Burnsville	0.0%	0	0
* Other	7.6%	3	3
Total	100.0%	24	25

Table 2-2 Residential Sampling Targets

Hauler	% of Deliveries	Targeted Samples	Actual Samples
Allied Waste - Action	27.5%	9	9
Waste Management	11.3%	5	4
Tennis Sanitation	2.6%	1	1
Aspen	20.3%	5	6
Advanced Disposal (fka Veolia)	0.0%	2	0
Nitti Sanitation	5.1%	2	2
Highland Sanitation	4.3%	0	1
Walters Recycling & Refuse	6.3%	2	2
Advanced Disposal (fka Vasko)	13.8%	1	3
Maroney's Sanitation	0.0%	0	0
Troje's Trash	2.1%	0	1
Gene's Disposal	0.0%	0	0
Waste Management Burnsville	2.6%	1	1
* Other	3.9%	2	1
Total	100.0%	30	31

Table 2-3 Commercial Sampling Targets

2.3 Field Data Collection Schedule

Sample collection and sorting was performed at the Newport Facility. The study was performed from Monday, June 23 through Saturday, June 28, 2014. Due to an unexpected shortage of local light industrial temporary labor, the sort was extended through Monday, June 30. Other than slowing the rate of sample collection, MSW Consultants does not believe the delay impacted data integrity or accuracy.

2.4 Material Categories

A list of 50 material categories was developed to provide insight into the potentially recyclable, compostable, and otherwise divertible materials contained in the disposed waste stream. The material categories were developed in an iterative process starting with a draft list from staff and discussion with MSW Consultants based on their experience. Material categories included targeted recyclables, compostable organics, and other materials of interest to the counties. Appendix B contains the material categories and associated definitions used for this project.

2.5 Field Collection Methods

This section describes in detail the steps that were performed in the field to successfully acquire, sort, weigh, and discard manually sorted samples.

2.5.1 Taking Samples

Selected loads of waste designated for sorting were tipped in the designated area. From each selected load, one sample of waste was selected based on systematic "grabs" from the perimeter of the load.

For example, if the tipped pile is viewed from the top as a clock face with 12:00 being the load closest to the front of the truck, the first samples were taken from 3 o'clock, 6 o'clock, 9 o'clock, 12 o'clock, then from 1, 4, 7, and 10 o'clock, and so-on.



Figure 2-1 Example of a Grab Sample Staged for Manual Sorting

Once the area of the tipped load was selected, the Field Supervisor coordinated with a facilityprovided loader operator to take a "grab" sample of wastes from that point in the tipped load. The loader operator removed a sample of waste that exceeded the targeted sample weight, and placed the grab sample in a secure area to await sorting. This is shown in Figure 2-1.

It should be noted that only one sample was taken from any single incoming truck; however, it was possible for the same truck to be sampled on subsequent days of the field data collection effort.

The exception to this rule is that four samples were obtained from the one segregated multifamily truck that was specially scheduled for this project. These four samples were obtained from different entry points from a load that weighed over 20,000 pounds.

Samples were deposited on a paved surface of the Newport Facility tipping floor in a designated area to receive samples. Each sample was labeled by its identifying number using a white board and photographed. The white board for sample identification stayed with the sample until sorting and weigh out was completed.

2.5.2 Manual Sorting

Once each sample was acquired, the material was manually sorted into the prescribed material categories. Plastic 20-gallon bins with sealed bottoms were used to contain the separated categories. A picture of the sorting table and bins is shown in Figure 2-2.

Figure 2-2 Sort Table and Bins



Sorters were asked to specialize in certain material groups, with one sorter handling the paper categories, another sorter the plastics, another sorter the glass and metals, and so on. In this way, sorters became knowledgeable in a short period of time as to the definitions of individual material categories.

The Crew Chief monitored the bins as each sample was sorted, rejecting materials that were improperly classified. Open bins allowed the Crew Chief to see the material at all times. The Crew Chief also verified the purity of each component during the weigh-out (discussed below).

The materials were sorted to particle size of 2-inches or less by hand, until no more than a small amount of homogeneous fine material ("mixed residue") remained. This layer of mixed 2-inchminus material was allocated to the appropriate categories based on the best judgment of the Crew Chief - most often a combination of Other Paper (Non-Recyclable), Other Organics, or Food Waste.

2.5.3 Data Recording

MSW Consultants believes that the weigh-out and data recording process is the most critical process of the sort. The Crew Chief was singularly responsible for overseeing all weighing and data recording of each sample. Once each sample had been sorted, the weigh-out was performed. Each bin containing sorted materials from the just-completed samples was carried over to a digital scale. Sorting laborers assisted with carrying and weighing the bins of sorted material, and the Crew Chief recorded all data.

The Crew Chief used a waste composition data sheet to record the composition weights, as well as to record other observed or empirical information. Each data sheet containing the sorted weights of each sample was matched up against the Field Supervisor's sample sheet to assure accurate tracking of the samples each day.

MSW Consultants uses a customized database to manage the data from waste sorting. Entered data was subjected to quality control queries, and any anomalies were resolved against the hand-written information on the sample tally sheets or supervisor's sheet. Specific steps taken to ensure the integrity of data during entry and analysis included:

- Verifying that data forms were obtained for each day the data collection crew was in the field.
- Random checks of the computer-entered data against the paper form, to verify that all numbers were entered and to look for any systematic or random mistakes.
- Encoding the composition analysis formulae into a routine that can be applied consistently to different data sets. (This minimizes errors that could arise from mistyping formulae, etc.)

2.6 Statistical Methods

The following statistical measures were calculated to determine the overall composition of each waste generator sector.

Sample Mean: The sample mean, or average, composition is considered the "most likely" fraction for each material category in the waste stream. The sample mean is determined by

- Converting the weight of each constituent in each sample into a percentage
- Taking an average of the percentage composition of each individual constituent.

Note that the sample mean, while a good estimate, is unlikely to be identical to the population mean value. The meaningfulness of the sample mean is enhanced by the following statistical measures.

Confidence Intervals: When a sample of data is obtained, it is analyzed in an attempt to determine certain values that describe the entire population of data under analysis. For example, in a poll of likely voters, the intent of the poll is to determine the percentage of all voters who support a given candidate, not simply the percentage of voters in the poll who support that candidate. The percentage of voters who support a given candidate in the poll can easily vary from sample to sample; but the percentage of all voters who support that candidate is a fixed value. In our sample of incoming loads of waste, we are not primarily interested in the percentage composition of the sampled loads, but rather to determine what the composition of the sampled loads tells us about the composition of all waste generated. A confidence interval is a statistical concept that attempts to indicate the likely range within which the true value lies. The confidence intervals reflect the upper and lower range within which the population mean can be expected to fall. Confidence intervals require the following "inputs:"

- The "level of confidence," or how sure one wants to be that the interval being constructed will actually encompass the population mean;
- The sample mean, around which the confidence interval will be constructed;

- The sample standard deviation, which is used as a measure of the variability of the population from which the sample was obtained; and
- The number of sampling units that comprised the sample (a.k.a. sample size).

Consistent with industry standards, confidence intervals were calculated at a 90 percent level of confidence, meaning that we can be 90 percent sure that the mean falls within the upper and lower confidence intervals shown.¹ In general, as the number of samples increases, the width of the confidence intervals decreases, although the more variable the underlying waste stream composition, the less noticeable the improvement by adding incremental samples.

Due to the small sample size, no confidence intervals are provided for the four multi-family samples. Only the mean composition is reported.

¹ The converse is also true: that there is a 10 percent chance that the mean falls outside of the sample mean. 10 • Foth Infrastructure & Environment, LLC September 2014

3 Results

3.1 Residential Waste Composition

Figure 3-1 presents the breakdown of Residential wastes by material groups. As shown in the chart, Organics were far and away the most prevalent category at just over 43 percent, followed by Paper at just over 18 percent.

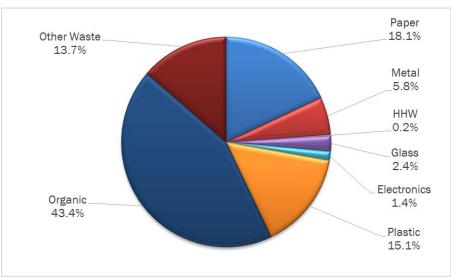


Figure 3-1 Residential Waste Composition Summary

Table 3-1 shows the ten most prevalent material categories in the Residential waste stream. As shown, Food Waste contributes one fifth of the Residential waste stream. The ten most prevalent materials as a group make up over 61 percent of the Residential waste stream. Yard waste was second at 7.6%. There is seasonal variability for yard waste which would likely reduce the overall percentage.

Rank	Material	Percent	
1	Food Waste	20.0%	
2	Yard Waste	7.6%	
3	Textiles & Leather	7.1%	
4	Compostable Paper	6.3%	
5	Film: Other	4.5%	
6	C&D Material	4.3%	
7	Carpet & Padding	3.5%	
8	Diapers/Sanitary Napkins	3.0%	
9	Bulky Material	2.6%	
10	Non-Recyclable Plastic	2.5%	
Cumu	Cumulative 61.4%		

Table 3-1Top Ten Most Prevalent Materials in Residential Waste

Table 3-2 provides a detailed statistical profile of the Residential waste stream.

Material	Percent	Int (+/-)	Material	Per	cent
Paper	18.1%	2.9%	Glass	2.4	%
Newspaper	1.2%	0.5%	Food & Beverage Glass	1.99	%
Office Paper	0.7%	0.5%	Non-Recyclable Glass	0.5%	6
Magazines / Catalogs	1.2%	0.5%			
Gable Top & Aseptic Containers	0.1%	0.0%	Organic	43.4%)
Cardboard / Kraft Paper	2.4%	0.6%	Yard Waste	7.6%	,
Boxboard / Paperboard	2.2%	0.5%	Food Waste	20.0%	
Mixed Recycle Paper	2.2%	0.6%	Liquid Food Waste	0.4%	
Compostable Paper	6.3%	1.0%	Textiles & Leather	7.1%	
Non-Recyclable Paper	1.7%	0.6%	Diapers & Sanitary Napkins	3.0%	
			Clean Lumber/ Pallets/ Crates	1.5%	-
Plastic	15.1%	1.9%	Treated Wood/ Plywood	1.9%	
#1 PET Bottles	0.7%	0.2%	Other Organic Material	1.9%	-
Other Non Bottle #1 PET	0.2%	0.1%			
#2 HDPE Bottles and Jars	0.4%	0.1%	Electronics	1.4%	
#2 HDPE Non Bottles and Jars	0.2%	0.1%	Electronics	1.4%	
#5 PP Containers	0.6%	0.2%			
Other Plastic Bottles #3 - #7	0.1%	0.0%	HHW	0.2%	
#3 PVC Rigid Non-Bottle	0.1%	0.1%	Batteries	0.0%	
Plastic Packaging Containers	1.0%	0.4%	Mercury-Containing Items	Not	
Bulky Rigid	1.2%	0.6%	Paints & Solvents	0.0%	
#6 Styrofoam	0.6%	0.1%	Automotive Products	0.1%	
Recoverable Film & Film Bags	1.3%	0.4%	Other HHW	0.0%	
Film: Trash Bags	1.7%	0.5%			
Film: Other	4.5%	0.9%	Other Waste	13.7%	
Non-Recyclable Plastic	2.5%	0.6%	Bulky Material	2.6%	
			Small Household Appliances	0.4%	
Metal	5.8%	1.8%	Carpet & Padding	3.5%	
Aluminum Cans	0.4%	0.1%	C&D Material	4.3%	
Non-Ferrous Metal	0.3%	0.1%	Tires/ Rubber	0.6%	
Steel Cans	0.7%	0.1%	Other Inorganic	2.3%	
Other Scrap Steel	1.9%	1.4%			
Mixed Metal	2.4%	1.1%	Total	100.0%	
			Total Samples	25	

Table 3-2 **Residential Waste Composition**

Confidence intervals calculated at the 90% confidence level. Percentages for material types may not total 100% due to rounding

3.2 Commercial Waste Composition

Figure 3-2 presents the breakdown of Commercial wastes by material group. The largest material group in the Commercial sector was found to be Organics at over 42 percent, followed by roughly equal fractions of Paper and Plastics.

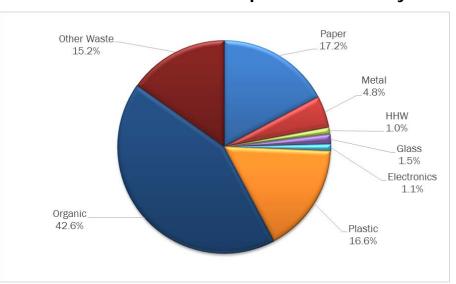


Figure 3-2 Commercial Waste Composition Summary

Table 3-3 shows the top 10 most prevalent material categories in the commercial stream. Food waste was found to be the single most prevalent category at 22.4 percent. The top 10 most prevalent materials make up almost 69 percent of the commercial waste stream.

Rank	Material	Percent
1	Food Waste	22.4%
2	Bulky Material	8.4%
3	Treated Wood/ Plywood	8.1%
4	Compostable Paper	6.3%
5	Non-Recyclable Plastic	5.4%
6	Cardboard/Kraft paper	5.3%
7	Clean Lumber/ Pallets/ Crates	5.2%
8	Film: Other	3.3%
9	C&D Material	2.4%
10	Other Organics	2.0%
Cumu	lative	68.7%

Table 3-3Top Ten Most Prevalent Materials in Commercial Waste

Table 3-4 provides a detailed statistical profile of the Commercial waste stream.

		Conf			Conf
Material	Percent	Int (+/-)	Material	Percent	Int (+/-)
Paper	17.2%	3.9%	Glass	1.5%	0.7%
Newspaper	1.2%	0.7%	Food & Beverage Glass	1.3%	0.6%
Office Paper	0.5%	0.4%	Non-Recyclable Glass	0.2%	0.1%
Magazines / Catalogs	0.8%	0.7%			
Gable Top & Aseptic Containers	0.2%	0.1%	Organic	42.6%	5.6%
Cardboard / Kraft Paper	5.3%	3.2%	Yard Waste	0.5%	0.6%
Boxboard / Paperboard	1.1%	0.3%	Food Waste	22.4%	6.9%
Mixed Recycle Paper	0.9%	0.4%	Liquid Food Waste	1.4%	0.7%
Compostable Paper	6.3%	1.7%	Textiles & Leather	1.9%	1.3%
Non-Recyclable Paper	0.9%	0.5%	Diapers & Sanitary Napkins	1.3%	0.5%
			Clean Lumber/ Pallets/ Crates	5.2%	2.8%
Plastic	16.6%	3.3%	Treated Wood/ Plywood	8.1%	4.0%
#1 PET Bottles	1.1%	0.6%	Other Organic Material	2.0%	2.2%
Other Non Bottle #1 PET	0.2%	0.1%			
#2 HDPE Bottles and Jars	0.4%	0.1%	Electronics	1.1%	0.7%
#2 HDPE Non Bottles and Jars	0.2%	0.2%	Electronics	1.1%	0.7%
#5 PP Containers	0.5%	0.2%			
Other Plastic Bottles #3 - #7	0.1%	0.1%	HHW	1.0%	1.5%
#3 PVC Rigid Non-Bottle	0.1%	0.1%	Batteries	0.0%	0.0%
Plastic Packaging Containers	0.6%	0.2%	Mercury-Containing Items	Not I	Found
Bulky Rigid	1.5%	0.9%	Paints & Solvents	0.0%	0.0%
#6 Styrofoam	0.4%	0.2%	Automotive Products	Not H	Found
Recoverable Film & Film Bags	1.1%	0.3%	Other HHW	0.9%	1.5%
Film: Trash Bags	1.6%	0.4%			
Film: Other	3.3%	1.1%	Other	15.2%	5.0%
Non-Recyclable Plastic	5.4%	3.2%	Bulky Material	8.4%	4.5%
			Small Household Appliances	0.1%	0.1%
Metal	4.8%	2.6%	Carpet & Padding	1.7%	2.0%
Aluminum Cans	0.5%	0.3%	C&D Material	2.4%	2.2%
Non-Ferrous Metal	0.3%	0.3%	Tires/ Rubber	1.1%	0.8%
Steel Cans	0.4%	0.2%	Other Inorganic	1.5%	1.5%
Other Scrap Steel	1.9%	1.4%			
Mixed Metal	1.7%	1.5%	Total	100.0%	
			Total Samples	31	

Table 3-4Detailed Commercial Waste Composition

Confidence intervals calculated at the 90% confidence level. Percentages for material types may not total 100% due to rounding.

3.3 Multi-Family Waste Composition

Figure 3-3 presents the breakdown of multi-family wastes by material group. It is important to note that these results are based on only four samples and cannot be considered statistically

comprehensive. However, the results appear reasonable relative to the Residential waste stream and are presented here for comparative purposes.

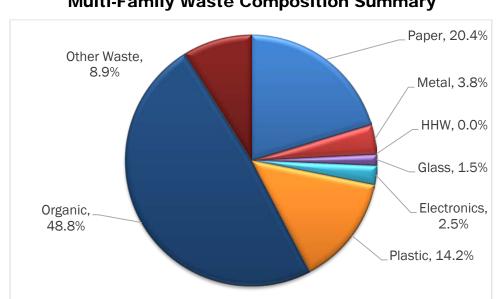




Table 3-5 summarizes the ten most prevalent materials in the multi-family waste stream. The top 10 most prevalent wastes in the Multi-Family waste stream total almost 68 percent of all waste disposed. Once again, food waste was the most prevalent. The diapers/sanitary napkins category was second at 11.6% (once again note there were not enough samples for statistical significance, but it is interesting data).

Rank	Material	Percent
1	Food Waste	21.9%
2	Diapers/Sanitary Napkins	11.6%
3	Compostable Paper	7.9%
4	Bulky Material	5.5%
5	Textiles & Leather	4.6%
6	Treated Wood/ Plywood	4.5%
7	Film: Other	3.4%
8	Non-Recyclable Plastic	2.9%
9	Yard Waste	2.8%
10	Mixed Recyclable Paper	2.7%
Cumu	lative	67.7%

Table 3-5Top Ten Most Prevalent Materials in Multi-Family Waste

Table 3-6 provides the detailed composition of Multi-Family waste.

Material	Percent	Material	Percent
Paper	20.4%	Glass	1.5%
Newspaper	1.3%	Food & Beverage Glass	1.2%
Office Paper	2.5%	Non-Recyclable Glass	0.2%
Magazines / Catalogs	0.2%		
Gable Top & Aseptic Containers	1.5%	Organic	48.8%
Cardboard / Kraft Paper	1.3%	Yard Waste	2.8%
Boxboard / Paperboard	2.1%	Food Waste	21.9%
Mixed Recycle Paper	2.7%	Liquid Food Waste	2.4%
Compostable Paper	7.9%	Textiles & Leather	4.6%
Non-Recyclable Paper	1.0%	Diapers & Sanitary Napkins	11.6%
		Clean Lumber/ Pallets/ Crates	0.3%
Plastic	14.2%	Treated Wood/ Plywood	4.5%
#1 PET Bottles	1.4%	Other Organic Material	0.8%
Other Non Bottle #1 PET	0.3%		
#2 HDPE Bottles and Jars	0.6%	Electronics	2.5%
#2 HDPE Non Bottles and Jars	0.3%	Electronics	2.5%
#5 PP Containers	0.3%		
Other Plastic Bottles #3 - #7	0.2%	HHW	Not Foun
#3 PVC Rigid Non-Bottle	0.0%	Batteries	Not Found
Plastic Packaging Containers	0.7%	Mercury-Containing Items	Not Found
Bulky Rigid	1.4%	Paints & Solvents	Not Found
#6 Styrofoam	0.6%	Automotive Products	Not Found
Recoverable Film & Film Bags	1.0%	Other HHW	Not Found
Film: Trash Bags	1.1%		
Film: Other	3.4%	Other	8.9%
Non-Recyclable Plastic	2.9%	Bulky Material	5.5%
·		Small Household Appliances	Not Found
Metal	3.8%	Carpet & Padding	Not Found
Aluminum Cans	0.6%	C&D Material	0.7%
Non-Ferrous Metal	0.1%	Tires/ Rubber	0.0%
Steel Cans	0.6%	Other Inorganic	2.6%
Other Scrap Steel	0.7%	<u> </u>	
Mixed Metal	1.8%	Total	100.0%
		Total Samples	4

Table 3-6Detailed Multi-Family Residential Waste Composition

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3.4 Aggregate Waste Composition

Figure 3-4 shows the breakdown of major material groups for the Aggregate waste stream (encompassing residential wastes making up 45% and commercial wastes making up 55% respectively). Results are shown as a percentage of disposed wastes. As shown, Organics is the largest material group at almost 43 percent, followed by Paper at over 17 percent.

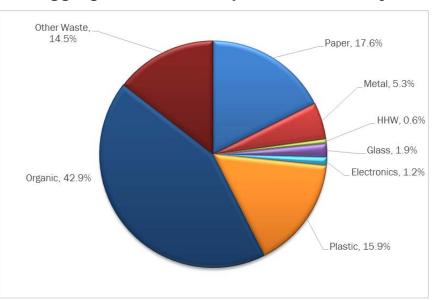




Table 3-7 shows the top 10 most prevalent material categories in the Aggregate waste stream. Not surprisingly, Food Waste was found to be the single most prevalent category. The top 10 most prevalent materials disposed totals 62 percent of the Aggregate waste stream.

Rank	Material	Percent
1	Food Waste	21.3%
2	Compostable Paper	6.3%
3	Bulky Material	5.8%
4	Treated Wood/ Plywood	5.3%
5	Textiles & Leather	4.2%
6	Non-Recyclable Plastic	4.1%
7	Cardboard / Kraft Paper	4.0%
8	Film: Other	3.8%
9	Yard Waste	3.7%
10	Clean Lumber/ Pallets/ Crates	3.5%
Cumulative		62.0%

Table 3-7Top Ten Most Prevalent Materials in Aggregate Waste Stream

Table 3-8 provides a detailed statistical profile of the aggregate Ramsey/Washington County waste stream received at the Newport RRT. For each material category, the mean percent composition and 90 percent confidence intervals are shown.

		Conf			Conf
Material	Percent	Int (+/-)	Material	Percent	Int (+/-)
Paper	17.6%	2.5%	Glass	1.9%	0.6%
Newspaper	1.2%	0.4%	Food & Beverage Glass	1.6%	0.5%
Office Paper	0.6%	0.3%	Non-Recyclable Glass	0.4%	0.1%
Magazines / Catalogs	1.0%	0.5%			
Gable Top & Aseptic Containers	0.2%	0.1%	Organic	42.9%	3.4%
Cardboard / Kraft Paper	4.0%	1.8%	Yard Waste	3.7%	1.4%
Boxboard / Paperboard	1.6%	0.3%	Food Waste	21.3%	4.0%
Mixed Recycle Paper	1.5%	0.3%	Liquid Food Waste	0.9%	0.4%
Compostable Paper	6.3%	1.0%	Textiles & Leather	4.2%	1.7%
Non Recyclable Paper	1.3%	0.4%	Diapers & Sanitary Napkins	2.1%	0.6%
			Clean Lumber/ Pallets/ Crates	3.5%	1.8%
Plastic	15.9%	2.0%	Treated Wood/ Plywood	5.3%	2.3%
#1 PET Bottles	0.9%	0.3%	Other Organic Material	1.9%	1.2%
Other Non Bottle #1 PET	0.2%	0.0%			
#2 HDPE Bottles and Jars	0.4%	0.1%	Electronics	1.2%	0.5%
#2 HDPE Non Bottles and Jars	0.2%	0.1%	Electronics	1.2%	0.5%
#5 PP Containers	0.5%	0.1%			
Other Plastic Bottles #3 - #7	0.1%	0.0%	HHW	0.6%	0.8%
#3 PVC Rigid Non-Bottle	0.1%	0.1%	Batteries	0.0%	0.0%
Plastic Packaging Containers	0.8%	0.2%	Mercury-Containing Items	0.0%	0.0%
Bulky Rigid	1.4%	0.6%	Paints & Solvents	0.0%	0.0%
#6 Styrofoam	0.5%	0.1%	Automotive Products	0.1%	0.1%
Recoverable Film & Film Bags	1.2%	0.2%	Other HHW	0.5%	0.8%
Film: Trash Bags	1.7%	0.3%			
Film: Other	3.8%	0.7%	Other	14.5%	3.4%
Non-Recyclable Plastic	4.1%	1.8%	Bulky Material	5.8%	2.9%
			Small Household Appliances	0.2%	0.2%
Metal	5.3%	1.6%	Carpet & Padding	2.5%	1.4%
Aluminum Cans	0.5%	0.2%	C&D Material	3.3%	1.8%
Non-Ferrous Metal	0.3%	0.2%	Tires/ Rubber	0.9%	0.5%
Steel Cans	0.5%	0.1%	Other Inorganic	1.9%	1.1%
Other Scrap Steel	1.9%	1.0%			
Mixed Metal	2.0%	1.0%	Total	100.0%	
			Total Samples	56	

Table 3-8Detailed Composition of Aggregate Waste Stream

Confidence intervals calculated at the 90% confidence level. Percentages for material types may not total 100% due to rounding.

3.5 Analysis of Food Wastes

MSW Consultants understands that the quantity of food wastes is of particular importance in future decision-making about Ramsey and Washington Counties' solid waste management strategies and systems. The purpose of this section is to provide additional details on the incidence of food waste observed in the waste composition study, and to compare the incidence of food waste in Washington and Ramsey Counties with that of other recent studies.

When comparing the results of any two waste composition studies, the initial assessment involves comparing the average compositions. However, a full comparison must also take into account the confidence intervals and the level of confidence at which results were calculated. The confidence intervals signify the range within which the sample mean likely falls. For example, in this study, it was found that the average composition of Residential Food Waste was 20.0 percent. The confidence interval, calculated at a 90 percent level of confidence, was 2.8 percent. This means that the likely incidence of Food Waste in the residential waste stream falls between 17.2 percent and 22.8 percent, and that we can be 90 percent sure this is the case. (The converse is also true – there is a 10 percent chance that the actual incidence of food waste is either less than 17.2 percent or greater than 22.8 percent.)

MSW Consultants compared the results of this study with four recent waste composition studies conducted in Minnesota in the past two years. This involved not only comparing the average Food Waste composition, but also comparing the width of the confidence intervals of each study, and the degree to which the confidence intervals did or did not overlap. The following bullets describe the outcome of this comparison:

- ◆ 2013 Minnesota Statewide Study, Statewide Aggregate Results: This study captured 180 samples of wastes from six facilities across the state. It did not differentiate between residential and commercial waste. Statewide results were weighted towards the metropolitan areas based on their higher waste generation. The incidence of food waste in the statewide study was found to be statistically slightly lower than in Ramsey/Washington County.
- ◆ 2013 Minnesota Statewide Study, Advanced Disposal St. Paul Transfer Station: One of the facilities that participated in the Minnesota statewide study was Advanced Disposal's St. Paul Transfer Station. A total of thirty (30) samples of residential and commercial waste were obtained at this facility, which delivers wastes to the Newport RRF. It is of particular interest that the incidence of food waste from the St. Paul transfer station was statistically comparable to the results of this study.
- **2012 Newport RRF:** This study relied on 30 total samples to determine plant-wide composition. The incidence of food waste in this study was lower that the Ramsey-Washington County study by a statistically significant margin.
- 2012 Covanta Hennepin Energy Recovery Facility: This study relied on 50 samples to determine plant-wide composition. The incidence of food waste in this study was also lower by a statistically significant margin.

Table 3-9 provides the Food Waste composition and lower and upper confidence intervals for each of the studies references above.

Year	Source/Wasteshed	Material	Composition	
			low- <i>avg</i> -high %	
2014	Ramsey-Washington County/Ramsey-	Food Waste	17.3- 21.3 -25.3	
Washington Cou	washington County	Liquid Food Waste	0.5- 0.9 -1.3	
2013	MN Statewide/State	Food Waste	15.2- 18.7 -20.3	
2013	MN Statewide/Advance St. Paul TS	Food Waste	13.7- 19.0 -24.3	
2012	Newport RRF/Facility Service Area	Food Waste	11.3- 14.6 -18.2	
2012	Covanta Hennepin/Facility Service Area	Food Waste	13.7- 16.5 -19.4	
		Liquid Waste	0.7- 1.0 -1.4	

Table 3-9Comparison of Aggregate Food Waste Composition, Recent Studies

MSW Consultants also reviewed the individual samples that contributed to the food waste composition during the 2014 Study. Specifically, it was found that four Commercial samples contained a high percentage of food waste. These samples are listed below for reference.

Date Obtained	6/28/14	6/28/14	6/30/14	6/28/14
Food Waste % in Sample	79.1%	70.3%	60.0%	62.5%
Generator Sector	Commercial	Commercial	Commercial	Commercial
County of Origin	Washington	Ramsey	Ramsey	Ramsey
Hauler	Allied Waste - Action	Aspen	Allied Waste - Action	Allied Waste - Action
Truck #	5986	5992	6041	5520
Truck Type	FL	FL	COMP	FL
Ticket #	1474706	1474681	1474920	1474725
Net Weight (Tons)	3.85	11.66	10.7	6.65

Table 3-10 Samples with High Incidence of Food Waste

Although it is beyond the scope of this study to confirm, it may be significant that three of these samples were obtained on a Saturday. Restaurants are highly represented in commercial Saturday routes, because the nature of their wastes requires that they not "sit and stew" for several days before being removed. None of the other comparative studies sampled wastes on Saturday, which may have under-represented food wastes in those studies. If Saturday routes tend to service customers that generate more food waste, this arrangement may explain the slightly elevated food waste composition results for the 2014 Newport Facility study as compared to other studies. Additional investigation is required to fully test this hypothesis.

If these four samples are removed from the analysis, the incidence of food waste in the Commercial waste stream drops from 22.4 percent to 15.6 percent, still a high percentage component of the waste. MSW Consultants is not specifically recommending elimination of these samples; rather, the data is provided to illustrate the sensitivity of Commercial food waste composition to four samples that contained a high fraction of food waste. Determining the representativeness of these four samples may require additional sampling.

3.6 Composition and Percent of "Standard" Recyclables

The waste composition in all categories reflects the mature recycling programs in Ramsey and Washington counties. When aggregated, only cardboard/Kraft paper is found among the top ten materials in the waste stream. No standard recyclables made the top ten in the residential or multifamily waste streams, and cardboard and Kraft were the sole category of standard recyclables in the commercial waste stream.

The "paper" classification includes both recyclable and non-recyclable paper categories.

- Of the recyclable papers, newspaper, the historic "heavyweight," was 1.2% of the aggregate waste stream, ranging from 1.2 to 1.3 percent of the individual waste streams.
- Office paper was less than one percent of the residential and commercial waste streams and 2.5 percent of the multi-family stream.
- Magazines and catalogs were less than one percent of the commercial and multifamily waste streams, and 1.2% of the residential waste stream.
- Gable top and aseptic containers were less than 0.2 percent of the residential and commercial waste streams, and 1.5 percent of the multifamily waste stream.
- Mixed recyclable paper was less than one percent of the commercial waste stream and 2.2 and 2.7 percent of the residential and multifamily categories, respectively.
- Cardboard and Kraft paper and boxboard and paperboard were the standard recyclables most prevalent across waste streams. These categories were a combined 6.4 percent in the commercial waste stream, 4.6 percent in the residential waste stream and 3.4 percent in the multifamily waste stream.

The "plastic" classification, similar to paper, includes both recyclable and non-recyclable plastic classifications. The aggregate waste stream had 15.9 percent plastics. Washington County established standard plastic recyclables classification for cities in the County which includes bottle and rigid PET (#1), all HDPE (#2) and all polypropylene (#5) as recyclable plastics.

- Residential waste contained 0.9 percent PET bottles and rigids, the commercial waste contained 1.3 percent PET and the multifamily waste contained 1.7 percent PET.
- HDPE in residential waste comprised 0.6 percent of the residential and commercial waste and 0.9 percent of the multifamily waste.
- PP was 0.6 percent of the residential waste, 0.5 percent of the commercial waste and 0.3 percent of the multifamily waste.

Residential wastes contained 5.8 percent metal items, of which 2.4 percent were mixed metals. Commercial wastes contained 4.8 percent metals and multifamily wastes contained 3.8 percent metals.

Glass was a small fraction of the waste for all generator types.

- Residential waste had 2.4 percent glass, of which 0.5 percent was non-recyclable.
- Commercial waste contained 1.5% glass, of which 0.2 percent was non-recyclable.
- Multifamily glass is the waste totaled 1.5 percent, of which 0.2 percent was non-recyclable.

3.7 Composition and Percent of Other Materials

Household hazardous wastes were 0.2 percent of the residential waste stream, 1 percent of the commercial waste stream and not found in the multi-family waste stream. Electronics were 1.4 percent of the residential waste stream, 1.1 percent of the commercial waste stream and 2.5 percent of the multifamily waste.

Organic wastes were the heaviest classification across all waste streams, with 42.9 percent of the aggregated waste stream. Residential waste was 43.4 percent organics.

- 20 percent of the total weight was food waste, 7.6 percent was yard waste and 7.1 percent were textiles and organics.
- Commercial waste was 42.6 percent organic materials; 22.4 percent of the waste stream was food waste and 8.1 percent treated wood or plywood.
- Multifamily waste was 48.8 percent organic, with food waste at 21.9 percent and diapers and sanitary napkins comprising 11.6 percent.

When evaluating Organics, it is important to note that not all of the material categories could be considered compostable, even though they are organic. For example, Treated Wood – which includes wood that is treated, painted, stained, and engineered (with various glues) – would be inappropriate for a composting process, yet this category is a significant fraction of Organics.

The classification of "Other Waste" comprised 14.5 percent of the aggregate weight. The residential properties included 13.7 percent of Other Waste with 4.3 percent C & D and 2.6 percent bulky material. The commercial waste contained 15.2 percent Other Waste, with 8.4 percent bulky material and 2.4 percent C & D. Multifamily waste contained 8.9 percent Other Waste, with 5.5 percent of bulky materials and 2.6 percent of Other Inorganic waste.

4 Observations

This section provides some summary observations or notes from the composition analysis and overall results.

- The percentage of the "standard" or "typical" recyclables such as Newspaper still remaining in both the residential and commercial waste streams is fairly low and indicative of the mature recycling programs in place.
- The "Top Ten" categories of waste still present in both Residential and Commercial Waste are noticeably lacking the standard recyclables. Only Cardboard/Kraft Paper made the Top Ten in Commercial Waste. Recovering the remaining percentages of the standard recyclables may not achieve the new state goal of 75 percent recovery. Several of the "Top Ten" categories will be difficult to recover (bulky material, treated wood/plywood, textiles and leather, non-recyclable plastics, film, etc.).
- Food wastes were found in particularly high percentages. Residential waste had 20 percent food waste. This was fairly uniformly found in samples. Commercial waste had 22.4 percent Food Waste. Based on a library of waste characterization studies maintained by MSW Consultants, the higher fraction of food waste found in the Counties is consistent with the results from other waste composition studies in jurisdictions with mature, aggressive recycling and diversion programs (including those with effective volume-based pricing structures that give waste generators an incentive to reduce as well as recycle).
- The percentage of Food Waste was driven up by samples sorted on Saturday. Restaurants and groceries are more likely to require service on the weekend to control odors. Commercial routes delivering on Saturday may commonly contain higher percentages of Food Wastes.
- Future options for recycling/organics recovery will need to focus on the Food Wastes.
- Paper generation has continued to decrease fairly dramatically in many waste composition studies and was evident in this analysis.
- Plastic films in MSW are highly contaminated with both moisture and grit. These contaminants negatively affect recoverability.
- The incidence of HHW was impressively low and much of the weight was actually the container. The actual amount of hazardous material is lower than the results suggest.
- Yard Waste was possibly higher than expected in Residential Waste. Part of this is due to the time of year of the analysis (June with recent rains) being grass season. While Yard Waste is banned from landfills, with the common use of carts and automated collection for garbage rather than bags or manual lifting of cans, it is easy for residents to "hide" grass clippings in the cart.
- The disposed waste stream may be changing faster than historical trends. It may be advisable to perform composition analyses on a more regular basis in the future.

Appendix A Haulers Data Forms

Walters Tons Delivered to Newport

(Estimated percentages)

Direct loads to Newport:	
Percent residential	
Percent commercial	
Percent commercial that is multi-family	
Percent commercial that is business/restaurant	
	100%
Transfer Trailer loads to Newport	
"Like" loads, percent in-county (Ramsey and Washington Cou	unties)
"Like" loads, percent out-of-county (out of Ramsey and Washingt	on Counties)
	100%
Transfer Trailer loads to Newport	
Percent residential	
Percent commercial	
Percent commercial that is multi-family	
Percent commercial that is business/restaurant	

100%

Are there loads that you deliver to Newport that are mostly multi-family residential loads? Would I be able to contact you to find out days/truck numbers so that we could be sure to sort multi-family loads?

Appendix B Material Category Definitions

2014 Ramsey and Washington County Waste Composition Study

Material Category Definitions

PAPER

- 1. **NEWSPAPER:** Printed groundwood newsprint, including glossy advertisements and inserts typically found in newspapers.
- 2. **OFFICE PAPER:** High grade continuous form computer paper, white paper including bond, photocopy, notebook paper, index cards, computer cards, notebook paper, xerographic, typing paper, tablets (yellow and with clear glue binding), manila file folders, white register receipts, nonglossy fax paper, and colored ledger paper primarily found in offices.
- 3. **MAGAZINES / CATALOGS:** Magazines and Catalogs including any "seasonal circular" catalog clearly recognized as such from direct mail (e.g., LL Bean, Nordstrom's, etc.)
- 4. GABLE TOP & ASEPTIC CONTAINERS/CARTONS: Paper milk & juice cartons and poly-coated packaging lined with an aluminum or plastic layer typically containing soy milk, fruit drinks, soups, broth, wine, etc. Packages often have folded down square corners. Includes pouches.
- 5. OLD CORRUGATED CARDBOARD (OCC) / KRAFT PAPER: Corrugated cardboard usually has three layers. The center wavy layer is sandwiched between the two outer layers. It does not have any wax coating on the inside or outside. Examples include entire cardboard containers such as shipping and moving boxes, computer packaging cartons, and sheets and pieces of boxes and cartons. This subcategory includes Kraft paper and pizza boxes that are not excessively contaminated with food or liquid. This subcategory does not include chipboard boxes such as cereal and tissue boxes.
- 6. **BOXBOARD/ PAPERBOARD:** Uncoated boxboard such as cereal, cracker, paper towel and toilet paper cores, and shoe boxes. Does not include heavily soiled, food contaminated, or wet boxes such as refrigerated and frozen food boxes.
- 7. **MIXED RECYCLABLE PAPER:** Low grade recyclable paper is a broad category of paper that includes things like mail, phone books, all envelopes (with and without windows), glossy coated paper, paper-back books, construction paper, etc. This subtype excludes hardcover books or books that light up or play music.
- 8. **COMPOSTABLE PAPER:** Other paper products including paper napkins, towels, and tissues; paper plates, cups, coffee filters, paper egg cartons, soiled fast food paper bags

and wrappers, waxed paper, parchment, and food contaminated or wet pizza boxes, and refrigerated or frozen food packaging.

9. **NON-RECYCLABLE AND NON-COMPOSTABLE PAPER:** All other paper that is not recyclable or compostable. Examples include paper used to dispose of chewing gum, hard cover books, paper sprayed with paint heavy glue or tape, cigarette packages photographs, cardboard with styrofoam glued to side(s), and paper coated with plastic or metal.

PLASTIC

- 10. **#1 PET BOTTLES:** Narrow necked clear and colored plastic containers that bear the label #1 PET or PETE (polyethylene terephthalate).
- 11. **OTHER NON-BOTTLE (RIGID) #1 PET:** Other thermoform jars, trays, or clam shells that bear the label #1 PET or PETE (polyethylene terephthalate).
- 12. **HDPE BOTTLES/JARS:** Natural and pigmented bottles and jars that bear the label #2 HDPE (high-density polyethylene). Examples include dairy products, detergent, fabric softener, bleach, etc.
- 13. **OTHER NON-BOTTLE #2 HDPE:** Plastic #2 HDPE plastics. This subcategory excludes bottles and jars.
- 14. **#5 POLYPROPYLENE CONTAINERS:** This subcategory includes all bottles, jars, tubs, lids, cups, clamshells, trays, etc. that bears the label **#5** or "PP".
- 15. **OTHER PLASTIC BOTTLES #3 #7:** All bottles that bears the numbers #3 PVC, #4 LDPE, #6 PS and #7 Other. This excludes bottles labeled #1 PET, #2 HDPE, and #5 PP.
- 16. **#3 PVC RIGID NON BOTTLE:** Includes rigid plastic packaging coded #3 (PVC) such as rigid plastic piping, fencing, etc., and flexible PVC such as tubing.
- 17. NON-BOTTLE RIGID PLASTIC PACKAGING/CONTAINERS: Means plastic containers that are made of types of plastic other than #2 HDPE, #1 PET, #5 PP or PVC. Items may be made of LDPE, PS, Other, dual labeled or unlabeled. When marked for identification, these items may bear the number "4," "6," "7" or Dual Label #5 #7 in the triangular recycling symbol. This subcategory includes empty Keurig coffee container (coffee ground removed) and plastic containers that do not have the triangular recycling symbol.
- 18. BULKY RIGID: Plastic items other than containers or film plastic, that are large (generally larger than a soccer ball). These items are made to last for more than one use. Examples include: crates, buckets (including 5-gallon buckets), baskets, totes, large plastic garbage cans, large tubs, large storage tubs/bins (usually with lids) that don't have sharp corners, flexible (non-brittle) flower pots of 1 gallon size or larger, lawn furniture,

large plastic toys, tool boxes, first aid boxes, and some sporting goods. Can have small amount of other materials such as metal handles.

- 19. **#6 EXPANDED POLYSTYRENE PACKING AND FOOD CONTAINERS:** Plastic products made of #6 PS expanded polystyrene (Styrofoam). Examples are cold and hot drink cups, packing peanuts, molded shipping packaging, coolers, takeout food trays and clamshells, etc. This subcategory excludes rigid #6 PS packaging.
- 20. **RECOVERABLE FILM & FILM BAGS:** This category includes film plastics targeted in the Minnesota Waste Wise "It's In the Bag" program. Includes plastic shopping bags, bread bags, cereal bags, shrink wrap, zipper type plastic bags (with zipper mechanism removed), produce bags, plastic film from paper towel and toilet paper rolls, salt bags, and 6 pack holder rings. These film products are used to contain merchandise to transport from the place of purchase, given out by the store with the purchase and are intended for one-time use. Does not include frozen food bags and plastic wrap used for wrapping meat or fish.
- 21. **FILM: TRASH BAGS:** Plastic trash bags means plastic bags sold for use as trash bags, for both residential and commercial use. This subcategory includes garbage, kitchen, compactor, can liner, yard, lawn, leaf, and recycling bags. This subcategory does not include other plastic bags, like shopping bags, that might have been used to contain trash.
- 22. **FILM: OTHER:** Other Film means all other plastic film that does not fit into any other type, excluding flexible plastic pouches. Examples include other types of plastic bags such as sandwich bags, zipper-re-closeable bags, produce bags, frozen vegetable bags, food wrappers such as candy bar wrappers, potato chip bags, drink pouches, mailing pouches, bank bags, X-ray film, metallized film (such as balloons), and highly contaminated bags and mentioned above.
- 23. **OTHER PLASTIC:** Plastic that cannot be put in any other type. These items are usually recognized by their optical opacity. This type includes items made mostly of plastic but combined with other materials. Examples include auto parts made of plastic attached to metal, plastic drinking straws, unlabeled plastic cups, produce trays, unlabeled cookie trays found in cookie packages, plastic strapping, plastic lids, some kitchen ware, toys, window blinds, plastic lumber, insulating foam, imitation ceramics, handles and knobs, plastic string (such as used for hay bales), plastic rigid bubble/foil packaging (as for medications), small (less than 1 gal) plant containers such as nursery pots and plant six-packs, any unlabeled plastic products, and new Formica, vinyl, or linoleum.

METAL

24. **ALUMINUM CANS:** Containers such as used beverage containers (UBC) and other cans made from aluminum used for containing soda, fruit, juice, sports drinks, iced tea, beer, food, pet food, etc.

- 25. **NON-FERROUS:** Other non-ferrous means any metal item, other than aluminum cans, that is neither stainless steel nor magnetic. These items may be made of aluminum, copper, brass, bronze, lead, or zinc. Examples include aluminum window frames, aluminum siding, copper wire, shell casings, brass pipe, and aluminum foil or trays.
- 26. **STEEL / TIN FOOD & BEVERAGE CONTAINERS:** Steel or tin food & beverage containers means rigid containers made mainly of steel that are Bimetal Cans. These items will stick to a magnet and may be tin-coated. This subtype is used to store food, and beverages.
- 27. **OTHER FERROUS METAL:** Metal composed primarily of iron, plus other scrap ferrous including clothes hangers, sheet metal products, pipes, miscellaneous metal scraps, and other magnetic metal items. This subcategory excludes food and beverage containers.
- 28. **REMAINDER/COMPOSITE METAL:** Metal that cannot be put in any other type. This subcategory includes items made mostly of metal but combined with other materials and items made of both ferrous metal and non-ferrous metal combined. Examples include motors, insulated wire, ad finished products that contain a mixture of metals, plastic, and other materials, whose weight is derived significantly from the metal portion of its construction.

GLASS

- 29. GLASS FOOD & BEVERAGE CONTAINER GLASS: Glass such as clear, brown, green, and blue containers for food, beverage, wine, liquor, and beer.
- 30. **OTHER GLASS:** All other glass that was not originally used for food or beverage containers. Examples including plate glass, ceramics, glass plates, cooking utensils, ash trays, mirrors, incandescent light bulbs, and fragments. If the glass is broken and not 100% identifiable as food or beverage glass, it belongs to Other Glass.

ORGANIC

- 31. **YARD WASTE:** Yard waste means grass clippings, leaves, branches, sticks, garden waste, brush, stumps compostable yard waste bags, and non-woody plant material such as cut flowers.
- 32. **FOOD WASTE:** Food preparation wastes, food scraps, composting food waste bags, and spoiled food including meat' bones' and Keurig type coffee cups that have not been emptied. When feasible, food waste will be removed from containers (e.g., Tupperware, carry-out containers, etc.) and the food waste will be placed in the Food Waste category and the container will be placed in the appropriate category.
- 33. **LIQUID FOOD WASTE:** Liquids such as water, soda, juice, etc. that is disposed in a capped bottles or other type of containers. When possible the liquids will be removed from containers (e.g., PET bottles, milk cartons, glass jars) and the liquids will be

emptied into a 5- gallon or similar-sized bucket, and the bottle or container will be placed in its appropriate category.

- 34. **TEXTILE & LEATHER:** Items made of natural or manmade woven thread, yarn, fabric, or cloth. This subcategory includes clothes, fabric trimmings, draperies, towels, and all natural and synthetic cloth fibers. This subcategory includes leather shoes, leather bags, or leather belts.
- 35. DIAPERS & SANITARY NAPKINS: Diapers and Sanitary Napkins.
- 36. **NON-TREATED DIMENSIONAL LUMBER/PALLETS/CRATES:** Clean dimensional lumber means unpainted new or demolition dimensional lumber. Includes materials such as 2 x 4s, 2 x 6s, 2 x 12s, and other residual materials from framing and related construction activities. May contain nails or other trace contaminants. This subcategory also includes clean pallets and crates made of lumber used for shipping and packaging.
- 37. TREATED /PAINTED /STAINED WOOD & PLYWOOD/COMPOSITE WOOD: Wood treated with adhesive, paint, stain, fire retardant, pesticide or preservative. Examples are painted or stained lengths of wood from construction or woodworking activities, particle board, OSB, and plywood.
- 38. **OTHER ORGANIC MATERIAL:** Material that is mostly organic that does not fit into the categories specified above, and items that are primarily organic but include other materials such as plastic or metal. Examples include cotton balls, hair, Q-tips, wax, soap, popsicle sticks, toothpicks, animal feces, and animal carcasses.

ELECTRONIC

39. **ELECTRONIC:** Electronic items with cathode ray tubes (CRTs) such as TVs, flat screen TVs, computer monitors, copiers, scanners, printers, cell phones, telephones, phone answering machines, computer gaming systems, other electronic toys, portable CD players, camcorders, digital cameras, and other small consumer electronics.

HOUSEHOLD HAZARDOUS WASTE (HHW)

- 40. **BATTERIES:** Lead acid, all household (rechargeable and non-rechargeable), and button batteries.
- 41. **MERCURY-CONTAINING ITEMS:** Items that contain mercury. Examples include compact fluorescent light (CFL) and fluorescent light bulbs, thermostats, thermometers, light switches, and other items containing mercury.
- 42. **PAINTS & SOLVENTS:** Liquid paints, solvents, and stains that are oil or water based products. This subcategory does not include empty or dried paint or solvent containers.

- 43. **AUTOMOTIVE PRODUCTS:** Antifreeze, oil, oil filters, and other automotive products.
- 44. **OTHER HHW:** All other products characterized as toxic, corrosive, flammable, ignitable, radioactive, poisonous, or reactive. Examples include strong cleaners, pesticides, drain cleaners, syringes, pharmaceuticals, untreated medical waste, smoke detectors, etc.

OTHER WASTE

- 45. **BULKY MATERIAL:** Large bulky items made of more than one material such as mattresses, box springs, couches, chairs, etc.
- 46. **SMALL HOUSEHOLD APPLIANCES:** Electrically-powered household products with very little or no circuit boards fabricated from metals and plastics not easily separable into individual materials. Examples include hair dryers, toasters, coffee makers, etc.
- 47. **CARPET & PADDING:** Carpet means flooring applications consisting of various natural or synthetic fibers bonded to some type of backing material. This subcategory includes carpet padding.
- 48. **CONSTRUCTION & DEMOLITION (C&D) MATERIAL**: All C&D material excluding wood products. Examples include brick, asphalt, concrete, other aggregates, ceramics, tiles, toilets, sinks, and fiberglass insulation, plate glass, tiles, and gypsum board.
- 49. **TIRES / RUBBER**: Tires and rubber means vehicle tires, tubes, and other material mainly made of rubber. Examples include tires from trucks, automobiles, motorcycles, heavy equipment, bicycles, some shoes, and floor mats.
- 50. **OTHER INORGANIC:** Other inorganic materials means inerts and other material that cannot be put in any other type. This type may include items from different types combined, which would be very hard to separate.

Appendix C Field Data

	Date	6/23/2014	6/23/2014	6/23/2014	6/23/2014
	-	•	•	,	Washington
				Ken Berquist & Sc	
	Truck # Truck Type		6086 RL		344 SL
	Ticket #				
	Net Weight				
	Sequence Number		2	3	4
	Category	Total	Total	Total	Total
	Paper Subtotal	33.4	59.0	21.8	51.5
1	NEWSPAPER	0.2	5.2	1.4	5.0
2	OFFICE PAPER	1.3	0.6	1.3	0.0
3	MAGAZINES / CATALOGS	5.1	10.1	0.2	1.7
4	GABLE TOP & ASEPTIC CONTAINERS CARDBOARD /KRAFT PAPER	0.0 6.7	0.2 5.6	0.3 2.6	0.1 13.8
6	BOXBOARD/ PAPERBOARD	0.4	3.7	2.0	3.2
7	MIXED RECYCLABLE PAPER	1.3	5.6	1.6	4.6
8	COMPOSTABLE PAPER	13.7	10.0	10.1	12.4
9	R/C PAPER	4.9	18.1	2.3	10.8
	Plastic Subtotal	22.1	21.8	23.1	22.8
10	#1 PET BOTTLES	0.2	0.3	0.8	1.0
11	OTHER NON-BOTTLE #1 PET	0.0	0.0	0.0	0.0
12	#2 HDPE BOTTLES/JARS	0.1	0.4	0.8	1.2
13 14	#2 HDPE NON-BOTTLE AND JARS #5 PP CONTAINERS	0.4 3.5	0.6 4.6	0.0 1.3	0.0 1.5
14	#5 PP CONTAINERS OTHER PLASTIC BOTTLES #3 - #7	3.5 0.4	4.6	0.5	0.0
16	#3 PVC RIGID NON - BOTTLE	0.0	0.2	0.0	0.6
17	PLASTIC PACKAGING/CONTAINERS	0.4	0.7	0.4	2.0
18	BULKY RIGID	3.6	1.0	10.6	0.0
19	#6 STYROFOAM	0.6	0.9	0.6	0.3
20	RECOVERABLE FILM & FILM BAGS	1.8	3.2	2.3	2.9
21	FILM: TRASH BAGS	1.8	1.8	0.9	1.8
22	FILM: OTHER	7.9	2.1	4.0	4.2
23	R/C PLASTIC	1.5 5.5	6.3 7.6	1.1 5.0	7.6 5.7
24	ALUMINUM CANS	0.2	0.5	0.7	1.1
25	NON-FERROUS METAL	0.2	1.0	0.7	0.9
26	STEEL CANS	0.7	0.6	0.6	2.3
27	OTHER SCRAP STEEL	4.3	1.4	1.7	0.7
28	R/C METAL	0.4	4.2	1.4	0.8
	Glass Subtotal	2.8	10.2	0.7	2.3
29	FOOD & BEVERAGE GLASS	1.4	9.3	0.7	1.3
30	R/C GLASS	1.4	0.9	0.0	1.0
	Organic Subtotal	130.1	78.9	83.5	107.6
31	YARD WASTE	10.8	11.4	2.1	0.0
32		0.3	30.5	41.8	30.3
33 34	LIQUID FOOD WASTE TEXTILE & LEATHER	0.5 110.1	0.0 14.6	0.4 11.1	0.0 4.1
35	DIAPERS & SANITARY NAPKINS	0.0	0.0	26.8	1.4
36	CLEAN LUMBER/PALLETS/CRATES	0.0	0.0	0.0	52.0
37	TREATED WOOD & PLYWOOD	0.0	15.9	0.7	5.9
38	R/C ORGANIC MATERIAL	8.4	6.6	0.7	14.0
	Electronic Subtotal	1.4	11.9	0.0	2.8
39	ELECTRONICS	1.4	11.9	0.0	2.8
	HHW Subtotal	0.1	1.3	0.2	0.1
40		0.1	0.4	0.1	0.0
41 42	MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS	0.0 0.0	0.0	0.0 0.0	0.0 0.0
42	AUTOMOTIVE PRODUCTS	0.0	0.0	0.0	0.0
44	R/C OTHER HHW	0.0	0.9	0.0	0.0
	Subtotal Other Waste		24.7	62.2	6.4
45	BULKY MATERIAL	0.0	0.0	0.0	0.0
46	SMALL HOUSEHOLD APPLIANCES	3.7	12.8	0.0	6.0
47	CARPET & PADDING	27.5	0.9	0.0	0.0
48	C&D MATERIAL	0.0	0.1	15.9	0.0
49	TIRES / RUBBER OTHER INORGANIC	3.9	2.7	0.1 46.2	0.1
50		0.0 230.3	8.2 215.2	46.2 196.3	0.3 199.0
	Total	230.3	210.2	720.2	T33.0

	Date			6/24/2014 Ramsey N	
	•		-	Nitti Sanitation	-
	Truck #	•			343
	Truck Type	RL	SL	SL	SL
	Ticket #		1473504	1473509	1473518
	Net Weight				6.98
-	Sequence Number	-	6	7	8
	Category	Total	Total	Total	Total
	Paper Subtotal		45.8	43.6	23.0
1 2		0.0	2.9	1.9 3.1	0.1
2	OFFICE PAPER MAGAZINES / CATALOGS	1.6 0.7	0.0	1.5	0.0
4	GABLE TOP & ASEPTIC CONTAINERS	0.0	0.4	0.9	0.0
5	CARDBOARD /KRAFT PAPER	3.3	8.1	6.6	2.9
6	BOXBOARD/ PAPERBOARD	0.0	8.5	2.2	5.9
7	MIXED RECYCLABLE PAPER	0.6	4.0	4.8	3.8
8	COMPOSTABLE PAPER	5.6	20.2	20.0	9.8
9	R/C PAPER	0.4	1.6	2.8	0.6
	Plastic Subtotal	15.8	41.5	41.3	41.5
10	#1 PET BOTTLES	0.1	3.2	3.1	0.2
11	OTHER NON-BOTTLE #1 PET	1.3	0.3	0.4	0.2
12	#2 HDPE BOTTLES/JARS	0.1	2.0	1.6	2.0
13	#2 HDPE NON-BOTTLE AND JARS	0.0	0.2	0.0	0.1
14	#5 PP CONTAINERS	0.0	0.6	1.7	0.6
15 16	OTHER PLASTIC BOTTLES #3 - #7 #3 PVC RIGID NON - BOTTLE	0.0 1.4	0.0	0.4	0.4 3.3
17	PLASTIC PACKAGING/CONTAINERS	0.4	2.3	2.6	2.3
18	BULKY RIGID	0.0	0.5	0.0	10.8
19	#6 STYROFOAM	2.7	2.9	1.9	2.1
20	RECOVERABLE FILM & FILM BAGS	0.6	8.4	3.6	4.6
21	FILM: TRASH BAGS	2.2	4.3	13.5	3.4
22	FILM: OTHER	5.6	12.7	12.8	7.5
23	R/C PLASTIC	1.4	4.3	0.0	4.4
	Metal Subtotal	4.6	3.6	20.4	26.7
24	ALUMINUM CANS	0.5	0.7	1.4	0.5
25	NON-FERROUS METAL	0.4	0.5	0.5	2.4
26	STEEL CANS	1.3	1.5	1.5	1.6
27	OTHER SCRAP STEEL	2.5	0.1	0.3	10.2
28	R/C METAL	0.0	0.9	16.8	12.1
	Glass Subtotal		2.3	5.3	2.3
29	FOOD & BEVERAGE GLASS	12.8	2.3	4.9	2.0
30	R/C GLASS	1.6 101.5	0.0 96.5	0.4 79.6	0.3 67.6
31	Organic Subtotal	65.3	4.2	0.2	8.6
31	FOOD WASTE	22.8	4.2 56.7	52.8	46.9
33	LIQUID FOOD WASTE	0.1	0.8	0.4	0.0
34	TEXTILE & LEATHER	0.0	17.4	18.1	0.0
35	DIAPERS & SANITARY NAPKINS	0.0	10.3	7.2	2.7
36	CLEAN LUMBER/PALLETS/CRATES	8.1	0.5	0.0	0.0
37	TREATED WOOD & PLYWOOD	0.0	0.0	0.0	7.1
38	R/C ORGANIC MATERIAL	5.2	6.7	0.9	2.4
	Electronic Subtotal	0.0	0.0	0.1	3.5
39	ELECTRONICS	0.0	0.0	0.1	3.5
	HHW Subtotal	0.1	0.0	0.1	6.0
40	BATTERIES	0.1	0.0	0.1	0.0
41	MERCURY-CONTAINING ITEMS	0.0	0.0	0.0	0.0
42 43	PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS	0.0	0.0	0.0	0.0 6.0
43	R/C OTHER HHW	0.0	0.0	0.0	6.0 0.0
	Subtotal Other Waste	102.1	3.5	7.5	37.4
45	BULKY MATERIAL	96.0	0.0	0.0	0.0
46	SMALL HOUSEHOLD APPLIANCES	0.0	0.0	0.0	0.0
47	CARPET & PADDING	0.0	0.0	0.0	15.7
48	C&D MATERIAL	0.0	0.0	0.0	10.6
49	TIRES / RUBBER	0.0	2.6	0.6	0.1
50	OTHER INORGANIC	6.1	0.9	6.9	11.0
	Total	250.4	193.1	197.7	207.9

	Date			6/25/2014 Washington F	6/25/2014 Ramsey
	-	-	-	Tennis Sanitation A	-
	Truck #		5951		5851
	Truck Type	SL	SL	SL	SL
	Ticket #			1473836	1473876
	Net Weight			10.08	8
	Sequence Number	-	10	11	12 Total
	Category	Total	Total	Total	
	Paper Subtotal		82.6	13.7	40.1
1 2	NEWSPAPER OFFICE PAPER	0.7	13.2 5.6	0.0	1.6 2.6
3	MAGAZINES / CATALOGS	0.0	6.5	0.0	2.0
4	GABLE TOP & ASEPTIC CONTAINERS	1.2	0.7	0.2	0.0
5	CARDBOARD /KRAFT PAPER	2.8	2.2	0.5	2.3
6	BOXBOARD/ PAPERBOARD	4.1	11.4	2.0	11.7
7	MIXED RECYCLABLE PAPER	3.9	12.8	1.3	4.5
8	COMPOSTABLE PAPER	15.7	27.3	6.8	14.2
9	R/C PAPER	0.8	3.1	3.0	1.0
	Plastic Subtotal	26.3	55.8	29.6	47.7
10	#1 PET BOTTLES	1.2	1.0	2.3	1.9
11	OTHER NON-BOTTLE #1 PET	0.9	0.1	0.1	0.0
12	#2 HDPE BOTTLES/JARS	0.8	0.9	0.1	2.2
13	#2 HDPE NON-BOTTLE AND JARS	0.1	1.0	0.0	0.3
14	#5 PP CONTAINERS	1.4	2.6	0.6	3.0
15 16	OTHER PLASTIC BOTTLES #3 - #7 #3 PVC RIGID NON - BOTTLE	1.3 0.0	0.2	0.4	0.5 0.0
17	PLASTIC PACKAGING/CONTAINERS	0.8	1.7	13.5	3.5
18	BULKY RIGID	0.5	3.2	0.8	11.9
19	#6 STYROFOAM	0.9	0.0	1.8	1.6
20	RECOVERABLE FILM & FILM BAGS	5.0	8.8	1.7	2.6
21	FILM: TRASH BAGS	2.1	2.0	2.0	6.1
22	FILM: OTHER	8.6	29.8	5.3	12.7
23	R/C PLASTIC	2.9	4.7	1.1	1.7
	Metal Subtotal	6.7	10.1	48.8	21.2
24	ALUMINUM CANS	1.4	1.8	0.2	2.1
25	NON-FERROUS METAL	1.2	0.3	0.8	0.2
26	STEEL CANS	2.2	2.3	1.5	2.3
27	OTHER SCRAP STEEL	0.2	3.7	44.0	11.2
28	R/C METAL	1.8	2.1	2.4	5.5
	Glass Subtotal		2.1	3.6	4.7
29	FOOD & BEVERAGE GLASS	5.5	1.0	3.6	4.5
30	R/C GLASS	0.0 117.7	1.1 40.5	0.0 45.7	0.2 80.6
31	Organic Subtotal	36.2	40.9 11.2	0.6	0.0
31	FOOD WASTE	53.9	26.3	26.5	44.8
33	LIQUID FOOD WASTE	2.7	0.0	0.0	1.3
34	TEXTILE & LEATHER	8.3	3.0	0.4	3.9
35	DIAPERS & SANITARY NAPKINS	8.9	0.0	15.3	8.9
36	CLEAN LUMBER/PALLETS/CRATES	0.0	0.0	0.0	1.4
37	TREATED WOOD & PLYWOOD	1.9	0.0	0.2	6.8
38	R/C ORGANIC MATERIAL	5.9	0.0	2.8	13.6
	Electronic Subtotal	0.0	0.8	0.0	0.0
39	ELECTRONICS	0.0	0.8	0.0	0.0
	HHW Subtotal		0.2	0.1	0.0
40	BATTERIES	0.1	0.2	0.1	0.0
41	MERCURY-CONTAINING ITEMS	0.0	0.0	0.0	0.0
42 43	PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS	0.0	0.0 0.0	0.0	0.0 0.0
43	R/C OTHER HHW	0.0	0.0	0.0	0.0
	Subtotal Other Waste		2.4	63.1	15.6
45	BULKY MATERIAL	0.0	0.0	55.0	0.0
46	SMALL HOUSEHOLD APPLIANCES	0.0	0.0	0.0	0.0
47	CARPET & PADDING	42.1	0.0	0.0	0.0
48	C&D MATERIAL	0.0	0.0	0.0	0.4
49	TIRES / RUBBER	0.4	2.4	8.1	0.1
50	OTHER INORGANIC	0.9	0.0	0.0	15.1
	Total	228.7	194.4	204.5	209.7

	Date		6/26/2014		
	-	-	-	,	Washington
		Waste Manageme			-
	Truck #		5616 SL	5955 FL	6182 SL
	Truck Type Ticket #		-		-
	Net Weight		7.77		9.43
	Sequence Number		14	15	9.43 16
	Category	Total	Total	Total	Total
	Paper Subtotal		46.8	26.8	53.9
1	NEWSPAPER				
1 2	OFFICE PAPER	0.5 0.0	0.5 0.4	0.0 0.3	9.1 1.8
3	MAGAZINES / CATALOGS	1.3	5.7	0.5	0.7
4	GABLE TOP & ASEPTIC CONTAINERS	0.0	0.5	0.2	0.7
5	CARDBOARD /KRAFT PAPER	6.4	5.3	2.6	10.5
6	BOXBOARD/ PAPERBOARD	5.9	5.7	4.9	7.5
7	MIXED RECYCLABLE PAPER	4.8	4.8	0.4	3.2
8	COMPOSTABLE PAPER	6.3	19.7	11.4	13.8
9	R/C PAPER	1.2	4.4	6.7	6.8
	Plastic Subtotal	31.6	36.6	43.7	30.1
10	#1 PET BOTTLES	1.2	2.0	1.5	2.2
11	OTHER NON-BOTTLE #1 PET	0.1	0.4	0.2	0.2
12	#2 HDPE BOTTLES/JARS	0.9	1.5	2.6	1.1
13	#2 HDPE NON-BOTTLE AND JARS	1.9	0.2	0.0	0.1
14	#5 PP CONTAINERS	1.2	0.6	0.4	0.6
15	OTHER PLASTIC BOTTLES #3 - #7	0.2	0.0	0.6	0.7
16	#3 PVC RIGID NON - BOTTLE	0.0	0.0	0.0	1.5
17	PLASTIC PACKAGING/CONTAINERS	1.4	2.5	2.0	3.1
18	BULKY RIGID	5.9	6.9	0.0	0.4
19	#6 STYROFOAM	0.8	1.5	0.6	2.3
20	RECOVERABLE FILM & FILM BAGS	3.0	0.9	2.4	0.0
21	FILM: TRASH BAGS	3.0	3.3	9.7	4.2
22	FILM: OTHER	9.9	11.4	11.3	9.8
23	R/C PLASTIC	2.4	5.5	12.6	4.2
	Metal Subtotal	30.0	3.9	2.8	25.5
24	ALUMINUM CANS	0.5	0.1	0.7	0.6
25	NON-FERROUS METAL	0.2	0.9	0.2	0.6
26	STEEL CANS	1.5	1.2	1.2	2.9
27	OTHER SCRAP STEEL	4.9	1.8	0.6	0.0
28	R/C METAL	23.0	0.0	0.2	21.5
	Glass Subtotal	0.0	31.1	4.8	5.1
29	FOOD & BEVERAGE GLASS	0.0	24.3	4.8	3.3
30	R/C GLASS	0.0 96.0	6.8 93.4	0.0 124.5	1.8 94.4
0.1	Organic Subtotal				
31	YARD WASTE	16.9	29.4	18.4	32.5
32		26.1	49.5	48.1	30.9
33 34	LIQUID FOOD WASTE TEXTILE & LEATHER	1.2 35.9	0.3 3.6	0.0 47.1	0.6 9.2
34	DIAPERS & SANITARY NAPKINS	5.0	2.1	0.0	9.2 3.3
36	CLEAN LUMBER/PALLETS/CRATES	5.6	2.1	2.2	0.3
36	TREATED WOOD & PLYWOOD	5.6 5.4	4.7	8.5	0.3 8.5
37	R/C ORGANIC MATERIAL	0.0	4.7	0.3	8.5 9.2
- 55	Electronic Subtotal	5.6	1.5	4.3	4.2
39	ELECTRONICS	5.6	1.5	4.3	4.2
- 33	HHW Subtotal	0.3	0.1	4.3 0.0	4.2 0.1
40	BATTERIES	0.2	0.1	0.0	0.1
40	MERCURY-CONTAINING ITEMS	0.2	0.0	0.0	0.1
42	PAINTS & SOLVENTS	0.1	0.0	0.0	0.0
43	AUTOMOTIVE PRODUCTS	0.0	0.0	0.0	0.0
44	R/C OTHER HHW	0.0	0.0	0.0	0.0
	Subtotal Other Waste		0.1	7.0	1.5
45	BULKY MATERIAL	0.0	0.0	0.0	0.0
46	SMALL HOUSEHOLD APPLIANCES	0.0	0.0	0.0	0.0
47	CARPET & PADDING	9.1	0.0	6.8	0.1
	C&D MATERIAL	0.0	0.0	0.0	1.4
48					
48 49	TIRES / RUBBER	0.2	0.0	0.2	0.0
_	TIRES / RUBBER OTHER INORGANIC Total	0.2 0.7 199.6	0.0 0.1 213.4	0.2	0.0 0.0

2 OF 3 M/ 4 GA 5 CA 6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NC 26 ST 27 OT 28 R/ 29 FC 30 R/	County Hauler Name Truck # Truck Type Ticket # Net Weight Sequence Number Category Paper Subtotal IEWSPAPER OFFICE PAPER MAGAZINES / CATALOGS ABLE TOP & ASEPTIC CONTAINERS ABLE TOP & ASEPTIC PAPER AGAZINES / CATALOGS ABLE TOP & ASEPTIC CONTAINERS ABLE TOP & ASEPTIC BOTTLE #1 PET ADDE BOTTLES/JARS ADDE BOTTLES/JARS ADDE BOTTLES/JARS ADDE BOTTLES/JARS ADDE BOTTLES/JARS ADDE NON-BOTTLE AND JARS ADDE NON-BOTTLE #1 PET ASTIC PACKAGING/CONTAINERS ADULKY RIGID ASTIC PACKAGING/CONTAINERS ADULKY RIGID ADDE ADDE ADDE ADDE ADDE ADDE ADDE ADD	EME Other 6106 RL 1474253 6.47 17 Total 21.7 2.8 0.5 2.0 0.0 4.8 2.1 2.8 4.9 2.0 2.0 2.8 4.9 2.0 2.8 4.9 2.0 2.8 4.9 2.0 2.8 4.9 2.0 2.8 4.9 2.0 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0	Waste Manageme I 6170 SL 1474256	Maroney's Sanitat All Sidewinder SL	6117 SL
2 OF 3 M/ 4 GA 5 CA 6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NC 26 ST 27 OT 28 R/ 29 FC 30 R/	Truck # Truck Type Ticket # Net Weight Sequence Number Category Paper Subtotal IEWSPAPER OFFICE PAPER AGAZINES / CATALOGS GABLE TOP & ASEPTIC CONTAINERS GABLE TOP & ASEPTIC CONTAINERS THER NON-BOTTLE #1 PET COMPOSTABLE PAPER DIHER NON-BOTTLE #1 PET CONTAINERS THER PLASTIC BOTTLES #3 - #7 CONTAINERS DIHER PLASTIC PACKAGING/CONTAINERS DIHER PLASTIC PACKAGING/CONTAINERS	6106 RL 1474253 6.47 17 Total 21.7 2.8 0.5 2.0 0.0 4.8 2.1 2.8 4.9 2.0 2.8 4.9 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 0.0 0.0 0.0 0.0 1.1	6170 SL 1474256 7.9 18 Total 53.1 0.2 0.0 2.9 0.3 14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.4 0.3	Sidewinder SL 1474317 7.5 19 Total 25.6 0.2 0.0 0.8 0.4 3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	6117 SL 1474469 8.78 20 Total 46.0 4.3 0.0 1.2 0.3 2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
2 OF 3 M/ 4 GA 5 CA 6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NC 26 ST 27 OT 28 R/ 29 FC 30 R/	Truck Type Ticket # Net Weight Sequence Number Category Paper Subtotal IEWSPAPER OFFICE PAPER AGAZINES / CATALOGS GABLE TOP & ASEPTIC CONTAINERS ARDBOARD / KRAFT PAPER GOXBOARD / KRAFT PAPER GOXBOARD / KRAFT PAPER GOXBOARD / PAPERBOARD MIXED RECYCLABLE PAPER COMPOSTABLE PAPER COMPO	RL 1474253 6.47 17 Total 21.7 2.8 0.5 2.0 0.0 4.8 2.1 2.8 4.9 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.1	SL 1474256 7.9 18 Total 53.1 0.2 0.0 2.9 0.3 14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 1.2 0.3 0.6 0.1 0.4 0.4 0.3	SL 1474317 7.5 19 Total 25.6 0.2 0.0 0.8 0.4 3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	SL 1474469 8.78 20 Total 46.0 4.3 0.0 1.2 0.3 2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
2 OF 3 M/ 4 GA 5 CA 6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NC 26 ST 27 OT 28 R/ 29 FC 30 R/	Ticket # Net Weight Sequence Number Category Paper Subtotal IEWSPAPER OFFICE PAPER MAGAZINES / CATALOGS ABLE TOP & ASEPTIC CONTAINERS ARDBOARD / KRAFT PAPER OXBOARD / KRAFT PAPER OXBOARD / KRAFT PAPER OXBOARD / PAPERBOARD MIXED RECYCLABLE PAPER OMPOSTABLE PAPER	1474253 6.47 17 Total 21.7 2.8 0.5 2.0 0.0 4.8 2.1 2.8 4.9 2.0 2.8 4.9 2.0 2.8 4.9 2.0 2.8 4.9 2.0 2.8 4.9 2.0 2.8 4.9 2.0 0.0 2.8 4.9 2.0 0.0 2.8 4.9 2.0 0.0 2.8 4.9 2.0 0.0 2.8 4.9 2.0 0.0 2.8 0.0 2.8 0.0 0.0 2.0 0.0 0	1474256 7.9 18 Total 53.1 0.2 0.0 2.9 0.3 14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.4 0.3	1474317 7.5 19 Total 25.6 0.2 0.0 0.8 0.4 3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	1474469 8.78 20 Total 46.0 4.3 0.0 1.2 0.3 2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
2 OF 3 M/ 4 GA 5 CA 6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NG 26 ST 27 OT 28 R/ 29 FC 30 R/	Net Weight Sequence Number Category Paper Subtotal IEWSPAPER Paper Subtotal IEWSPAPER MAGAZINES / CATALOGS MAGAZINES / CATALOGS ABLE TOP & ASEPTIC CONTAINERS GABLE TOP & ASEPTIC CONTAINERS ARDBOARD / KRAFT PAPER MIXED RECYCLABLE PAPER MIXED RECYCLABLE PAPER COMPOSTABLE PAPER MIXED RECYCLABLE PAPER COMPOSTABLE PAPER Plastic Subtotal 21 PET BOTTLES Plastic Subtotal 21 PET BOTTLES Plastic Subtotal 22 HDPE BOTTLES/JARS Plastic Subtotal 23 PUC NON-BOTTLE AND JARS PONN-BOTTLE AND JARS 25 PP CONTAINERS PLASTIC BOTTLES #3 - #7 23 PVC RIGID NON - BOTTLE *1 PET *14KY RIGID *14KY RIGID	6.47 17 Total 21.7 2.8 0.5 2.0 0.0 4.8 2.1 2.8 4.9 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 0.0 0.0 1.1	7.9 18 Total 53.1 0.2 0.0 2.9 0.3 14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3	7.5 19 Total 25.6 0.2 0.0 0.8 0.4 3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	8.78 20 Total 46.0 4.3 0.0 1.2 0.3 2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
2 OF 3 M/ 4 GA 5 CA 6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NG 26 ST 27 OT 28 R/ 29 FC 30 R/	Sequence Number Category Paper Subtotal IEWSPAPER OFFICE PAPER MAGAZINES / CATALOGS GABLE TOP & ASEPTIC CONTAINERS GABLE TOP & ASEPTIC CONTAINERS GABLE TOP & ASEPTIC CONTAINERS GABLE TOP & ASEPTIC CONTAINERS GABLE TOP & ASEPTIC CONTAINERS GABLE TOP & ASEPTIC CONTAINERS GOXBOARD / KRAFT PAPER GOXBOARD / PAPERBOARD MIXED RECYCLABLE PAPER GOMPOSTABLE PAPER GOMPOSTABLE PAPER GOMPOSTABLE PAPER Plastic Subtotal 21 PET BOTTLES Plastic Subtotal 21 PET BOTTLES Plastic Subtotal 22 HDPE BOTTLES/JARS S2 23 PUC NON-BOTTLE AND JARS S5 25 PP CONTAINERS STHER PLASTIC BOTTLES #3 - #7 23 PVC RIGID NON - BOTTLE SULKY RIGID	17 Total 21.7 2.8 0.5 2.0 0.0 4.8 2.1 2.8 4.9 2.0 2.8 4.9 2.0 2.8 4.9 2.0 2.8 4.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	18 Total 53.1 0.2 0.0 2.9 0.3 14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3	19 Total 25.6 0.2 0.0 0.8 0.4 3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	20 Total 46.0 4.3 0.0 1.2 0.3 2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
2 OF 3 M/ 4 GA 5 CA 6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NG 26 ST 27 OT 28 R/ 29 FC 30 R/	Category Paper Subtotal IEWSPAPER OFFICE PAPER MAGAZINES / CATALOGS GABLE TOP & ASEPTIC CONTAINERS GABLE TOP & ASEPTIC CONTAINERS GARDBOARD / KRAFT PAPER GOXBOARD / KRAFT PAPER GOXBOARD / KRAFT PAPER GOXBOARD / PAPERBOARD MIXED RECYCLABLE PAPER GOMPOSTABLE PAPER GOMPOSTABLE PAPER GOMPOSTABLE PAPER Plastic Subtotal S1 PET BOTTLES Plastic Subtotal S2 HDPE BOTTLES/JARS S2 S2 HDPE NON-BOTTLE #1 PET S2 S2 HDPE NON-BOTTLE AND JARS S5 S5 PP CONTAINERS S1 DTHER PLASTIC BOTTLES #3 - #7 S3 S3 PVC RIGID NON - BOTTLE SULKY RIGID	Total 21.7 2.8 0.5 2.0 0.0 4.8 2.1 2.8 4.9 2.0 284 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 1.1	Total 53.1 0.2 0.0 2.9 0.3 14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3	Total 25.6 0.2 0.0 0.8 0.4 3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	Total 46.0 4.3 0.0 1.2 0.3 2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
2 OF 3 M/ 4 GA 5 CA 6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NG 26 ST 27 OT 28 R/ 29 FC 30 R/	Paper Subtotal IEWSPAPER DEFICE PAPER AGAZINES / CATALOGS GABLE TOP & ASEPTIC CONTAINERS CARDBOARD / KRAFT PAPER BOXBOARD / KRAFT PAPER BOXBOARD / PAPERBOARD MIXED RECYCLABLE PAPER COMPOSTABLE COMPOSTABLE COMPOSTABLE PAPER COMPOSTABLE	21.7 2.8 0.5 2.0 0.1 2.8 4.9 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 0.1 <td< th=""><th>53.1 0.2 0.0 2.9 0.3 14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3</th><th>25.6 0.2 0.0 0.8 0.4 3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 0.9 0.4</th><th>46.0 4.3 0.0 1.2 0.3 2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5</th></td<>	53.1 0.2 0.0 2.9 0.3 14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3	25.6 0.2 0.0 0.8 0.4 3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 0.9 0.4	46.0 4.3 0.0 1.2 0.3 2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
2 OF 3 M/ 4 GA 5 CA 6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NG 26 ST 27 OT 28 R/ 29 FC 30 R/	IEWSPAPER DFFICE PAPER MAGAZINES / CATALOGS GABLE TOP & ASEPTIC CONTAINERS GARDBOARD / KRAFT PAPER BOXBOARD / PAPERBOARD MIXED RECYCLABLE PAPER COMPOSTABLE PAPER COMPOSTABLE PAPER COMPOSTABLE PAPER Plastic Subtotal 1 PET BOTTLES THER NON-BOTTLE #1 PET 2 HDPE BOTTLES/JARS 2 HDPE NON-BOTTLE AND JARS 5 PP CONTAINERS DTHER PLASTIC BOTTLES #3 - #7 3 PVC RIGID NON - BOTTLE PLASTIC PACKAGING/CONTAINERS BULKY RIGID	2.8 0.5 2.0 0.0 4.8 2.1 2.8 4.9 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 0.0 0.0 1.1	0.2 0.0 2.9 0.3 14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3	0.2 0.0 0.8 0.4 3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	4.3 0.0 1.2 0.3 2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
2 OF 3 M/ 4 GA 5 CA 6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NG 26 ST 27 OT 28 R/ 29 FC 30 R/	AGAZINES / CATALOGS AAGAZINES / CATALOGS ABLE TOP & ASEPTIC CONTAINERS ARDBOARD / KRAFT PAPER BOXBOARD / PAPERBOARD MIXED RECYCLABLE PAPER COMPOSTABLE PAPER COMPOSTABLE PAPER R/C PAPER Plastic Subtotal 1 PET BOTTLES DTHER NON-BOTTLE #1 PET 2 HDPE BOTTLES/JARS 2 HDPE BOTTLES/JARS 2 HDPE NON-BOTTLE AND JARS 2 HDPE NON-BOTTLE AND JARS 25 PP CONTAINERS DTHER PLASTIC BOTTLES #3 - #7 3 PVC RIGID NON - BOTTLE PLASTIC PACKAGING/CONTAINERS BULKY RIGID	0.5 2.0 0.0 4.8 2.1 2.8 4.9 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 1.1	0.0 2.9 0.3 14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3	0.0 0.8 0.4 3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	0.0 1.2 0.3 2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
3 M/ 4 GA 5 CA 6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NC 26 ST 27 OT 28 R/ 29 FC 30 R/	AGAZINES / CATALOGS GABLE TOP & ASEPTIC CONTAINERS GABLE TOP & ASEPTIC CONTAINERS GARDBOARD / KRAFT PAPER GOXBOARD / PAPERBOARD MIXED RECYCLABLE PAPER COMPOSTABLE PAPER COMPOSTABLE PAPER Plastic Subtotal 1 PET BOTTLES PHER NON-BOTTLE #1 PET 12 HDPE BOTTLES/JARS 12 HDPE NON-BOTTLE #1 PET 12 HDPE BOTTLES/JARS 12 HDPE NON-BOTTLE AND JARS 15 PP CONTAINERS 11 HER PLASTIC BOTTLES #3 - #7 13 PVC RIGID NON - BOTTLE PLASTIC PACKAGING/CONTAINERS BULKY RIGID	2.0 0.0 4.8 2.1 2.8 4.9 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 0.0 1.1	2.9 0.3 14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3	0.8 0.4 3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	1.2 0.3 2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
4 GA 5 CA 6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NC 26 ST 27 OT 28 R/ 29 FC 30 R/	ABLE TOP & ASEPTIC CONTAINERS ARDBOARD / KRAFT PAPER BOXBOARD / PAPERBOARD MIXED RECYCLABLE PAPER COMPOSTABLE PAPER COMPOSTABLE PAPER COMPOSTABLE PAPER COMPOSTABLE PAPER Plastic Subtotal 1 PET BOTTLES THER NON-BOTTLE #1 PET C2 HDPE BOTTLES/JARS C2 HDPE BOTTLES/JARS C2 HDPE NON-BOTTLE AND JARS C3 PVC NIGID NON - BOTTLE CASTIC PACKAGING/CONTAINERS BULKY RIGID	0.0 4.8 2.1 2.8 4.9 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 1.1	0.3 14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3	0.4 3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	0.3 2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
5 CA 6 BC 7 Mil 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 23 R/ 24 AL 25 NC 26 ST 27 OT 28 R/ 29 FC 30 R/	ARDBOARD / KRAFT PAPER BOXBOARD / PAPERBOARD MIXED RECYCLABLE PAPER COMPOSTABLE PAPER COMPOSTABLE PAPER COMPOSTABLE PAPER Plastic Subtotal 1 PET BOTTLES THER NON-BOTTLE #1 PET 2 HDPE BOTTLES/JARS 2 HDPE BOTTLES/JARS 2 HDPE NON-BOTTLE AND JARS 5 PP CONTAINERS DTHER PLASTIC BOTTLES #3 - #7 3 PVC RIGID NON - BOTTLE PLASTIC PACKAGING/CONTAINERS BULKY RIGID	4.8 2.1 2.8 4.9 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 1.1	14.6 2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3	3.7 0.9 4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	2.3 8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
6 BC 7 MI 8 CC 9 R/ 10 #1 11 OT 12 #2 13 #2 14 #5 15 OT 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NO 26 ST 27 OT 28 R/ 29 FC 30 R/	OXBOARD/ PAPERBOARD MIXED RECYCLABLE PAPER COMPOSTABLE PAPER Plastic Subtotal Plastic Plastic Subtotal Plastic Plastic Subtotal Plastic Plastic Subtotal Plastic Plastic Subtotal Plastic Plastic Plastic Subtotal Plastic Plastic Plastic Subtotal Plastic Plastic Plastic Plastic Subtotal Plastic Plastic	2.1 2.8 4.9 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 0.0 0.0 1.1	2.1 10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3	0.9 4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	8.8 3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
7 MI 8 CC 9 R/ 10 #1 11 01 12 #2 13 #2 14 #5 15 01 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NO 26 ST 27 01 28 R/ 29 FC 30 R/	AIXED RECYCLABLE PAPER COMPOSTABLE PAPER COMPOSTABLE PAPER CPAPER Plastic Subtotal 1 PET BOTTLES THER NON-BOTTLE #1 PET 2 HDPE BOTTLES/JARS 2 HDPE BOTTLES/JARS 2 HDPE NON-BOTTLE AND JARS 2 HDPE NON-BOTTLE AND JARS 5 PP CONTAINERS DTHER PLASTIC BOTTLES #3 - #7 3 PVC RIGID NON - BOTTLE PLASTIC PACKAGING/CONTAINERS BULKY RIGID	2.8 4.9 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 0.0 0.0 1.1	10.4 16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3	4.8 11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	3.9 23.9 1.4 38.4 2.6 0.7 1.1 0.5
8 CC 9 R/ 10 #1 11 01 12 #2 13 #2 14 #5 15 01 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NG 26 ST 27 01 28 R/ 29 FC 30 R/	COMPOSTABLE PAPER Plastic Subtotal Plastic Plastic Subtotal Plastic Plastic Subtotal Plastic Plastic Subtotal Plastic Plastic Subtotal Plastic Plastic Subtotal Plastic Plastic Plastic Subtotal Plastic Plastic Plastic Subtotal Plastic Plastic Plastic Subtotal Plastic Plastic Plastic Plastic Subtotal Plastic Plastic Pla	4.9 2.0 28.4 2.6 1.2 0.3 0.1 0.9 0.0 0.0 0.0 1.1	16.7 6.0 29.4 1.2 0.3 0.6 0.1 0.4 0.3	11.8 3.1 25.0 1.2 0.4 1.3 0.9 0.4	23.9 1.4 38.4 2.6 0.7 1.1 0.5
10 #1 11 01 12 #2 13 #2 14 #5 15 01 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 23 R/ 24 AL 25 NG 26 ST 27 01 28 R/ 29 FC 30 R/	Plastic Subtotal Plastic Subtotal Perf Bottles Physical Action of the second state	28.4 2.6 1.2 0.3 0.1 0.9 0.0 1.1	29.4 1.2 0.3 0.6 0.1 0.4 0.3	25.0 1.2 0.4 1.3 0.9 0.4	38.4 2.6 0.7 1.1 0.5
11 01 12 #2 13 #2 14 #5 15 01 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 23 R/ 24 AL 25 NG 26 ST 27 01 28 R/ 29 FC 30 R/	21 PET BOTTLES 21 PET BOTTLES 22 HDPE BOTTLES/JARS 22 HDPE NON-BOTTLE AND JARS 25 PP CONTAINERS 35 PP CONTAINERS 37 PVC RIGID NON - BOTTLE 32 PVC RIGID NON - BOTTLE 32 PVC RIGID 33 PVC RIGID	2.6 1.2 0.3 0.1 0.9 0.0 0.0 1.1	1.2 0.3 0.6 0.1 0.4 0.3	1.2 0.4 1.3 0.9 0.4	2.6 0.7 1.1 0.5
11 01 12 #2 13 #2 14 #5 15 01 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 23 R/ 24 AL 25 NG 26 ST 27 01 28 R/ 29 FC 30 R/	21 PET BOTTLES 21 PET BOTTLES 22 HDPE BOTTLES/JARS 22 HDPE NON-BOTTLE AND JARS 25 PP CONTAINERS 35 PP CONTAINERS 37 PVC RIGID NON - BOTTLE 32 PVC RIGID NON - BOTTLE 32 PVC RIGID 33 PVC RIGID	2.6 1.2 0.3 0.1 0.9 0.0 0.0 1.1	0.3 0.6 0.1 0.4 0.3	0.4 1.3 0.9 0.4	0.7 1.1 0.5
11 01 12 #2 13 #2 14 #5 15 01 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 23 R/ 24 AL 25 NG 26 ST 27 01 28 R/ 29 FC 30 R/	OTHER NON-BOTTLE #1 PET 2 HDPE BOTTLES/JARS 2 HDPE NON-BOTTLE AND JARS 3 PP CONTAINERS OTHER PLASTIC BOTTLES #3 - #7 3 PVC RIGID NON - BOTTLE PLASTIC PACKAGING/CONTAINERS BULKY RIGID	1.2 0.3 0.1 0.9 0.0 0.0 1.1	0.3 0.6 0.1 0.4 0.3	0.4 1.3 0.9 0.4	0.7 1.1 0.5
12 #2 13 #2 14 #5 15 01 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 23 R/ 24 AL 25 NO 26 ST 27 01 28 R/ 29 FC 30 R/	2 HDPE BOTTLES/JARS 2 HDPE NON-BOTTLE AND JARS 25 PP CONTAINERS 0THER PLASTIC BOTTLES #3 - #7 23 PVC RIGID NON - BOTTLE 24 PVC RIGID NON - BOTTLE 24 PACKAGING/CONTAINERS 20 LKY RIGID	0.3 0.1 0.9 0.0 0.0 1.1	0.6 0.1 0.4 0.3	1.3 0.9 0.4	1.1 0.5
13 #2 14 #5 15 01 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 23 R/ 24 AL 25 NO 26 ST 27 01 28 R/ 29 FC 30 R/	2 HDPE NON-BOTTLE AND JARS 5 PP CONTAINERS 0THER PLASTIC BOTTLES #3 - #7 3 PVC RIGID NON - BOTTLE 2LASTIC PACKAGING/CONTAINERS 0ULKY RIGID	0.1 0.9 0.0 0.0 1.1	0.1 0.4 0.3	0.9 0.4	
15 01 16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NO 26 ST 27 01 28 R/ 29 FO 30 R/	OTHER PLASTIC BOTTLES #3 - #7 3 PVC RIGID NON - BOTTLE PLASTIC PACKAGING/CONTAINERS BULKY RIGID	0.0 0.0 1.1	0.3	-	0.4
16 #3 17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NG 26 ST 27 OT 28 R/ 29 FC 30 R/	3 PVC RIGID NON - BOTTLE PLASTIC PACKAGING/CONTAINERS BULKY RIGID	0.0 1.1		0.0	0.4
17 PL 18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NO 26 ST 27 OT 28 R/ 29 FC 30 R/	LASTIC PACKAGING/CONTAINERS BULKY RIGID	1.1	0.0		0.4
18 BL 19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NO 26 ST 27 OT 28 R/ 29 FC 30 R/	BULKY RIGID			0.0	0.0
19 #6 20 RE 21 FII 22 FII 23 R/ 24 AL 25 NO 26 ST 27 01 28 R/ 29 FC 30 R/			2.1	2.3	0.0
20 RE 21 FII 22 FII 23 R/ 24 AL 25 NO 26 ST 27 OT 28 R/ 29 FO 30 R/	6 STVROFOAM	0.0	2.3	0.0	4.3
21 FII 22 FII 23 R/ 24 AL 25 NG 26 ST 27 OT 28 R/ 29 FC 30 R/		1.2	1.2	0.4	3.1
22 FII 23 R/ 24 AL 25 NO 26 ST 27 OT 28 R/ 29 FC 30 R/	ECOVERABLE FILM & FILM BAGS	1.4	3.8	2.4	3.0
23 R/ 24 AL 25 NO 26 ST 27 OT 28 R/ 29 FC 30 R/	ILM: TRASH BAGS	3.5	0.7	1.7	4.5
24 AL 25 NC 26 ST 27 OT 28 R/ 29 FC 30 R/	ILM: OTHER	7.6	7.6	10.3	11.9
25 N0 26 ST 27 01 28 R/ 29 FC 30 R/	R/C PLASTIC	8.7	9.1	3.8	6.2
25 N0 26 ST 27 01 28 R/ 29 FC 30 R/	Metal Subtotal	14.9	7.2	2.9	6.8
26 ST 27 01 28 R/ 29 FC 30 R/	LUMINUM CANS	0.8	0.4	0.8	0.6
27 01 28 R/ 29 FC 30 R/	ION-FERROUS METAL	0.0	0.8	0.6	0.7
28 R/ 29 FC 30 R/	TEEL CANS	2.1	1.3	1.5	3.1
29 FC 30 R/	THER SCRAP STEEL	2.3	3.3	0.0	2.5
30 R/	R/C METAL	9.8	1.5	0.1	0.0
30 R/	Glass Subtotal	1.9	3.7	0.9	3.7
	OOD & BEVERAGE GLASS	1.8	2.8	0.0	3.7
21 VA	2/C GLASS	0.1	0.9	0.9	0.0
21 VA	Organic Subtotal	102.1	88.5	109.1	117.2
	ARD WASTE	8.2	0.6	40.8	1.9
	OOD WASTE	68.1	31.1	50.9	83.7
	IQUID FOOD WASTE	1.3	4.8	0.3	1.4
	EXTILE & LEATHER	6.4	13.9	6.2	18.9
	DIAPERS & SANITARY NAPKINS	14.1	3.2	8.4	6.9
	LEAN LUMBER/PALLETS/CRATES	0.0	0.0	0.0	0.0
	REATED WOOD & PLYWOOD	4.0	21.1	0.1	4.4
38 R/	R/C ORGANIC MATERIAL	0.0	13.9	2.5	0.0
	Electronic Subtotal		0.0	0.0	0.0
39 EL	LECTRONICS	0.0	0.0	0.0	0.0
	HHW Subtotal		0.1	0.0	0.4
	ATTERIES	0.0	0.1	0.0	0.4
	ARCURY-CONTAINING ITEMS	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0
L		0.0	0.0	0.0	0.0
44 R/		0.0 44.8	0.0 31.9	0.0 45.5	0.0 0.3
45 5	COTHER HHW				
	Subtotal Other Waste	0.0	0.0	0.0	0.0
	Subtotal Other Waste	0.0	0.0	0.0	0.0
	Subtotal Other Waste BULKY MATERIAL MALL HOUSEHOLD APPLIANCES	0.0	24.5 0.0	0.0 45.5	0.0
	Subtotal Other Waste BULKY MATERIAL MALL HOUSEHOLD APPLIANCES CARPET & PADDING	0.0 43.4	3.9	45.5	0.0
	Subtotal Other Waste BULKY MATERIAL MALL HOUSEHOLD APPLIANCES ARPET & PADDING &D MATERIAL	43.4	<u>م</u> ۲	0.0	0.0
	Subtotal Other Waste BULKY MATERIAL MALL HOUSEHOLD APPLIANCES CARPET & PADDING		3.9	0.0	0.0

	Date			6/27/2014	
			-	Ramsey R Highland Sanitatic H	amsey ighland Sanitatic
	Truck #	6123	5628	6162	6126
	Truck Type	SL	RL	RL	RL
	Ticket #	-			1474550
	Net Weight		5.2	4.49	7.34
	Sequence Number	21	22	23	24
	Category	Total	Total	Total	Total
	Paper Subtotal	36.4	8.3	57.2	39.5
1	NEWSPAPER	4.7	1.4	0.5	0.6
2	OFFICE PAPER	0.0	0.0	18.0	0.0
3	MAGAZINES / CATALOGS	0.3	0.1	0.8	11.7
4	GABLE TOP & ASEPTIC CONTAINERS	0.2	0.0	0.2	0.0
5	CARDBOARD / KRAFT PAPER	3.9	0.3	5.5	5.8
6	BOXBOARD/ PAPERBOARD	3.7	0.7	3.6	3.3
7	MIXED RECYCLABLE PAPER	11.0	1.4	13.8	2.2
8	COMPOSTABLE PAPER	9.5	4.3	11.8	13.5
9	R/C PAPER	3.2	0.2	3.2	2.5
	Plastic Subtotal	18.8	10.9	27.2	38.5
10	#1 PET BOTTLES	1.8	0.4	0.3	0.6
11	OTHER NON-BOTTLE #1 PET	0.2	0.2	0.6	0.4
12	#2 HDPE BOTTLES/JARS	0.6	0.4	0.4	0.4
13	#2 HDPE NON-BOTTLE AND JARS	0.0	0.4	0.8	0.2
14	#5 PP CONTAINERS	0.6	0.1	0.4	1.4
15	OTHER PLASTIC BOTTLES #3 - #7	0.6	0.0	0.5	0.4
16	#3 PVC RIGID NON - BOTTLE	0.0	0.0	0.0	0.0
17	PLASTIC PACKAGING/CONTAINERS	1.7	0.4	0.8	2.5
18	BULKY RIGID	0.0	0.0	0.0	0.0
19	#6 STYROFOAM	1.2	0.4	0.9	1.4
20	RECOVERABLE FILM & FILM BAGS	1.9	0.4	0.8	1.7
21	FILM: TRASH BAGS	2.7	0.9	1.8	5.9
22	FILM: OTHER	6.3	1.4	9.1	13.4
23	R/C PLASTIC	1.4	6.0	11.0	10.5
	Metal Subtotal	5.6	0.4	13.8	11.2
24	ALUMINUM CANS	0.7	0.2	0.7	0.5
25	NON-FERROUS METAL	0.2	0.1	0.3	0.2
26	STEEL CANS	1.4	0.0	0.6	2.6
27	OTHER SCRAP STEEL	3.4	0.1	0.0	0.9
28	R/C METAL	0.0	0.0	12.3	7.1
	Glass Subtotal	4.1	1.5	10.4	4.5
29	FOOD & BEVERAGE GLASS	0.0	1.5	9.7	1.1
30	R/C GLASS	4.1	0.0	0.7	3.4
	Organic Subtotal	102.3	101.1	60.6	101.8
31	YARD WASTE	26.4	52.8	18.3	22.9
32	FOOD WASTE	46.1	36.8	29.1	58.4
33	LIQUID FOOD WASTE	0.5	0.0	0.0	0.0
34	TEXTILE & LEATHER	18.5	1.9	10.7	4.5
35	DIAPERS & SANITARY NAPKINS	4.8	9.2	0.9	10.0
36	CLEAN LUMBER/PALLETS/CRATES	3.5	0.0	0.0	0.0
37	TREATED WOOD & PLYWOOD	0.1	0.4	1.1	4.1
38	R/C ORGANIC MATERIAL	2.5	0.0	0.6	2.0
	Electronic Subtotal	0.0	7.4	26.4	0.0
39	ELECTRONICS	0.0	7.4	26.4	0.0
	HHW Subtotal	0.1	0.0	0.1	0.1
40	BATTERIES	0.1	0.0	0.0	0.1
41	MERCURY-CONTAINING ITEMS	0.0	0.0	0.0	0.0
42	PAINTS & SOLVENTS	0.0	0.0	0.0	0.0
43	AUTOMOTIVE PRODUCTS	0.0	0.0	0.0	0.0
44	R/C OTHER HHW	0.0	0.0	0.1	0.0
	Subtotal Other Waste	48.8	117.3	35.5	5.7
45	BULKY MATERIAL	0.0	0.0	0.0	0.0
46	SMALL HOUSEHOLD APPLIANCES	0.0	0.0	0.0	0.0
47	CARPET & PADDING	33.9	37.5	0.0	0.0
48	C&D MATERIAL	14.0	79.8	27.4	0.0
49	TIRES / RUBBER	0.9	0.0	1.2	0.1
50	OTHER INORGANIC	0.0	0.0	6.9	5.6
00		216.1	246.7	231.0	

	Date	6/27/2014
		Washington
	-	Allied Waste - Ac
	Truck #	596
	Truck Type	S
	Ticket #	
	Net Weight	8.2
	Sequence Number	
	Category	Total
	Paper Subtotal	49.9
4		
1		4.3
2	OFFICE PAPER	0.0
3	MAGAZINES / CATALOGS	5.7
4	GABLE TOP & ASEPTIC CONTAINERS	0.4
5	CARDBOARD / KRAFT PAPER	4.3
6	BOXBOARD/ PAPERBOARD	9.4
7		6.9
8	COMPOSTABLE PAPER	16.5
9	R/C PAPER	2.5
	Plastic Subtotal	42.7
10	#1 PET BOTTLES	2.7
11	OTHER NON-BOTTLE #1 PET	1.0
12	#2 HDPE BOTTLES/JARS	0.0
13	#2 HDPE NON-BOTTLE AND JARS	1.5
14	#5 PP CONTAINERS	1.5
15	OTHER PLASTIC BOTTLES #3 - #7	0.4
16	#3 PVC RIGID NON - BOTTLE	0.0
17	PLASTIC PACKAGING/CONTAINERS	1.3
18	BULKY RIGID	0.0
19	#6 STYROFOAM	2.5
20	RECOVERABLE FILM & FILM BAGS	2.5
21	FILM: TRASH BAGS	6.9
22	FILM: OTHER	10.8
23	R/C PLASTIC	11.9
23	,	
24	Metal Subtotal	4.6
24 25	NON-FERROUS METAL	4.6 0.5
25 26	STEEL CANS	2.3
-		
27	OTHER SCRAP STEEL	0.0
28	R/C METAL	3.5
	Glass Subtotal	1.9
29	FOOD & BEVERAGE GLASS	0.0
30	R/C GLASS	1.9
	Organic Subtotal	88.7
31	YARD WASTE	0.9
32	FOOD WASTE	58.6
33	LIQUID FOOD WASTE	2.1
34	TEXTILE & LEATHER	14.5
35	DIAPERS & SANITARY NAPKINS	8.5
36	CLEAN LUMBER/PALLETS/CRATES	1.3
37	TREATED WOOD & PLYWOOD	0.0
38	R/C ORGANIC MATERIAL	2.9
	Electronic Subtotal	8.0
39	ELECTRONICS	8.0
59		0.0
40	HHW Subtotal	
40	BATTERIES	0.0
41	MERCURY-CONTAINING ITEMS	0.0
42	PAINTS & SOLVENTS	0.0
43		0.0
44	R/C OTHER HHW	0.0
	Subtotal Other Waste	
45	BULKY MATERIAL	0.0
46	SMALL HOUSEHOLD APPLIANCES	0.0
	CARPET & PADDING	0.0
47		0.0
48	C&D MATERIAL	
48 49	TIRES / RUBBER	0.7
48		0.7 4.4

	Date	6/23/2014	6/23/2014	6/23/2014	6/23/2014
	County	Washington	-	Washington	Ramsey
		ste Management :			
	Truck # Truck Type	6080 COMP	5975 FL	261B FL	6050 FL
	Ticket #	1473167	1473181	1473200	1473253
	Net Weight	8.59	9.26	6.13	10.2
	Sequence Number	26	27	28	29
	Category	Total	Total	Total	Total
	Paper Subtotal	12.4	63.8	59.6	26.2
1	NEWSPAPER	0.0	0.0	2.2	0.0
2	OFFICE PAPER	0.5	0.5	3.2	0.0
3	MAGAZINES / CATALOGS	0.0	5.2	2.7	0.0
4	GABLE TOP & ASEPTIC CONTAINERS	0.0	0.9	0.3	0.1
5 6	CARDBOARD / KRAFT PAPER BOXBOARD/ PAPERBOARD	3.9 0.9	3.5 1.7	2.9 6.1	2.8 1.0
7	MIXED RECYCLABLE PAPER	0.9	0.2	4.7	1.5
8	COMPOSTABLE PAPER	2.2	49.6	25.7	19.8
9	R/C PAPER	5.0	2.4	12.0	1.1
-	Plastic Subtotal	15.8	30.0	49.2	21.0
10	#1 PET BOTTLES	0.8	3.4	16.4	0.0
11	OTHER NON-BOTTLE #1 PET	0.2	0.6	1.7	0.0
12	#2 HDPE BOTTLES/JARS	0.0	2.1	1.3	0.0
13	#2 HDPE NON-BOTTLE AND JARS	0.1	0.1	1.6	0.0
14	#5 PP CONTAINERS	0.1	1.3	2.6	0.0
15	OTHER PLASTIC BOTTLES #3 - #7	0.0	0.5	0.0	0.8
16	#3 PVC RIGID NON - BOTTLE	0.0	0.0	0.0	0.0
17	PLASTIC PACKAGING/CONTAINERS	0.3	0.9	0.1	0.0
18 19	BULKY RIGID #6 STYROFOAM	3.8 0.1	1.8 1.3	0.8 2.5	7.7 0.8
20	RECOVERABLE FILM & FILM BAGS	2.8	1.3	5.6	3.3
20	FILM: TRASH BAGS	2.4	5.3	9.7	1.0
22	FILM: OTHER	1.2	8.8	5.4	7.6
23	R/C PLASTIC	4.0	2.8	1.6	0.0
	Metal Subtotal	2.2	8.5	11.3	8.7
24	ALUMINUM CANS	0.2	4.0	10.4	0.0
25	NON-FERROUS METAL	0.7	1.5	0.2	0.7
26	STEEL CANS	0.0	1.3	0.3	5.5
27	OTHER SCRAP STEEL	1.3	1.5	0.0	0.5
28	R/C METAL	0.0	0.3	0.5	2.1
	Glass Subtotal	2.2	7.7	8.0	4.2
29 30	FOOD & BEVERAGE GLASS R/C GLASS	2.2 0.0	7.3 0.4	6.7 1.3	4.2 0.0
30	Organic Subtotal	120.0	93.5	68.0	101.6
31	YARD WASTE	0.0	0.0	0.0	0.0
32	FOOD WASTE	0.0	91.4	25.3	70.4
33	LIQUID FOOD WASTE	0.0	0.5	14.7	0.0
34	TEXTILE & LEATHER	0.0	0.3	4.9	0.3
35	DIAPERS & SANITARY NAPKINS	0.0	1.0	10.2	4.7
36					0.0
	CLEAN LUMBER/PALLETS/CRATES	34.6	0.0	2.8	0.0
37	TREATED WOOD & PLYWOOD	85.4	0.0	0.0	23.9
	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL	85.4 0.0	0.0 0.3	0.0 10.2	23.9 2.4
37 38	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal	85.4 0.0 0.0	0.0 0.3 0.0	0.0 10.2 0.0	23.9 2.4 12.9
37	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS	85.4 0.0 0.0 0.0	0.0 0.3 0.0 0.0	0.0 10.2 0.0 0.0	23.9 2.4 12.9 12.9
37 38 39	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal	85.4 0.0 0.0 0.0 0.0	0.0 0.3 0.0 0.0 0.0	0.0 10.2 0.0 0.0 0.0	23.9 2.4 12.9 12.9 0.0
37 38 39 40	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES	85.4 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.3 0.0 0.0 0.0 0.0 0.0	0.0 10.2 0.0 0.0 0.0 0.0 0.0	23.9 2.4 12.9 12.9 0.0 0.0
37 38 39 40 41	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS	85.4 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0	0.0 10.2 0.0 0.0 0.0 0.0 0.0 0.0	23.9 2.4 12.9 0.0 0.0 0.0
37 38 39 40 41 42	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS	85.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	23.9 2.4 12.9 0.0 0.0 0.0 0.0 0.0
37 38 39 40 41	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS	85.4 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0	0.0 10.2 0.0 0.0 0.0 0.0 0.0 0.0	23.9 2.4 12.9 0.0 0.0 0.0
37 38 39 40 41 42 43	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW	85.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	23.9 2.4 12.9 0.0 0.0 0.0 0.0 0.0 0.0
37 38 39 40 41 42 43	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS	85.4 0.0	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	23.9 2.4 12.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0
37 38 39 40 41 42 43 44	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste	85.4 0.0	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	23.9 2.4 12.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 33.9
37 38 39 40 41 42 43 44 45	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL	85.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	23.9 2.4 12.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 33.9 27.0
37 38 39 40 41 42 43 44 45 46	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES	85.4 0.0	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	23.9 2.4 12.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 33.9 27.0 0.0
37 38 39 40 41 42 43 44 45 46 47 48 49	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES CARPET & PADDING C&D MATERIAL TIRES / RUBBER	85.4 0.0	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.8	23.9 2.4 12.9 0.0 0.0 0.0 0.0 0.0 0.0 33.9 27.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
37 38 39 40 41 42 43 44 43 44 45 46 47 48	TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES CARPET & PADDING C&D MATERIAL	85.4 0.0 27.1	0.0 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 10.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	23.9 2.4 12.9 0.0 0.0 0.0 0.0 0.0 0.0 33.9 27.0 0.0 0.0 0.0 0.0

	Date	6/23/2014			
	County	Ramsey	-	Ramsey	•
	Hauler Name Truck #	Aspen 5780	c Services Other : 6145	ed Disposal Vas 3 6021	te Management 6085
		0780 OT		FL	SL
	Ticket #	1473296		1473493	1473459
	Net Weight	4.62		9.05	3.81
	Sequence Number	30	31	32	33
	Category	Total	Total	Total	Total
	Paper Subtotal	126.0	5.0	38.7	29.3
1	NEWSPAPER	0.0	0.0	2.3	0.0
2	OFFICE PAPER	0.0	0.0	1.3	0.0
3	MAGAZINES / CATALOGS	0.0	0.0	0.0	0.0
4 5	GABLE TOP & ASEPTIC CONTAINERS CARDBOARD /KRAFT PAPER	0.0 126.0	0.0 0.0	0.0 11.4	1.5 4.5
6	BOXBOARD/ PAPERBOARD	0.0	1.2	5.2	1.7
7	MIXED RECYCLABLE PAPER	0.0	0.0	2.6	0.6
8	COMPOSTABLE PAPER	0.0	3.8	14.6	19.6
9	R/C PAPER	0.0	0.0	1.4	1.5
	Plastic Subtotal	0.0	26.4	22.8	38.3
10	#1 PET BOTTLES	0.0	0.2	0.0	0.5
11	OTHER NON-BOTTLE #1 PET	0.0	0.0	0.3	2.3
12	#2 HDPE BOTTLES/JARS	0.0	0.0	1.5	0.0
13	#2 HDPE NON-BOTTLE AND JARS	0.0	0.1	0.1	0.3
14 15	#5 PP CONTAINERS OTHER PLASTIC BOTTLES #3 - #7	0.0	0.4	0.4 2.3	3.7 0.0
15	#3 PVC RIGID NON - BOTTLE	0.0	0.2	0.0	0.0
17	PLASTIC PACKAGING/CONTAINERS	0.0	0.0	0.6	3.1
18	BULKY RIGID	0.0	0.0	1.9	3.2
19	#6 STYROFOAM	0.0	1.1	0.4	0.1
20	RECOVERABLE FILM & FILM BAGS	0.0	0.4	3.7	10.7
21	FILM: TRASH BAGS	0.0	0.2	5.1	4.3
22	FILM: OTHER	0.0	23.2	4.0	6.1
23	R/C PLASTIC	0.0	0.6	2.7	4.1
0.4	Metal Subtotal	0.0	0.1	14.1	44.4
24 25	ALUMINUM CANS NON-FERROUS METAL	0.0	0.1	0.4 0.5	0.3 0.1
25	STEEL CANS	0.0	0.0	1.9	0.1
27	OTHER SCRAP STEEL	0.0	0.0	11.4	44.0
28	R/C METAL	0.0	0.0	0.0	0.0
	Glass Subtotal	3.0	0.0	5.1	0.8
29	FOOD & BEVERAGE GLASS	3.0	0.0	5.1	0.8
30	R/C GLASS	0.0	0.0	0.0	0.0
	Organic Subtotal	33.0	97.0	116.1	110.7
31	YARD WASTE	0.0	0.0	0.3	0.9
32	FOOD WASTE	0.0	0.0	11.4	18.4
33		0.0	0.0	3.4	0.3
34 35	TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS	0.0	0.0	0.3 9.7	0.0
35 36	CLEAN LUMBER/PALLETS/CRATES	0.0 24.5	36.0	9.7	0.0 89.8
37	TREATED WOOD & PLYWOOD	0.0	61.0	87.2	1.2
38	R/C ORGANIC MATERIAL	8.5	0.0	3.8	0.2
	Electronic Subtotal	0.0	0.0	0.0	0.0
39	ELECTRONICS	0.0	0.0	0.0	0.0
	HHW Subtotal	0.0	0.0	0.5	0.0
40	BATTERIES	0.0	0.0	0.0	0.0
41	MERCURY-CONTAINING ITEMS	0.0	0.0	0.0	0.0
42	PAINTS & SOLVENTS	0.0	0.0	0.5	0.0
43	AUTOMOTIVE PRODUCTS	0.0	0.0	0.0	0.0
44			0.0	0.0	0.0
	R/C OTHER HHW	0.0		25.2	20
	Subtotal Other Waste	61.6	78.0	25.2	3.9
45	Subtotal Other Waste BULKY MATERIAL	61.6 0.0	78.0 78.0	24.5	0.0
45 46	Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES	61.6 0.0 0.0	78.0 78.0 0.0	24.5 0.0	0.0 0.0
45	Subtotal Other Waste BULKY MATERIAL	61.6 0.0	78.0 78.0	24.5	0.0
45 46 47	Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES CARPET & PADDING	61.6 0.0 0.0 0.0	78.0 78.0 0.0 0.0	24.5 0.0 0.0	0.0 0.0 0.0
45 46 47 48	Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES CARPET & PADDING C&D MATERIAL	61.6 0.0 0.0 0.0 0.0	78.0 78.0 0.0 0.0 0.0	24.5 0.0 0.0 0.0	0.0 0.0 0.0 0.0

	Date	6/24/2014	6/24/2014	6/25/2014	6/25/2014
	County	,	•	•	-
				d Waste - Action w	
	Truck # Truck Type	5545 FL			5975 FL
	Ticket #				1473789
	Net Weight		3.23	8.7	9.35
	Sequence Number	34	35	36	37
	Category	Total	Total	Total	Total
	Paper Subtotal	87.3	21.4	0.0	39.6
1	NEWSPAPER	2.5	8.2	0.0	8.8
2	OFFICE PAPER	0.0	0.2	0.0	1.0
3	MAGAZINES / CATALOGS	2.6	1.6	0.0	0.7
4	GABLE TOP & ASEPTIC CONTAINERS CARDBOARD /KRAFT PAPER	0.2 34.3	0.0 6.3	0.0	2.1
6	BOXBOARD/ PAPERBOARD	5.9	1.4	0.0	5.6
7	MIXED RECYCLABLE PAPER	3.1	1.3	0.0	7.1
8	COMPOSTABLE PAPER	34.2	1.6	0.0	11.5
9	R/C PAPER	4.6	1.0	0.0	0.7
	Plastic Subtotal	32.2	16.7	48.0	55.5
-	#1 PET BOTTLES	7.9	0.2	0.0	1.0
11	OTHER NON-BOTTLE #1 PET	0.4	0.2	0.0	0.5
12 13	#2 HDPE BOTTLES/JARS #2 HDPE NON-BOTTLE AND JARS	1.8 0.1	0.0	0.0	0.6
13	#5 PP CONTAINERS	2.3	0.0	0.0	2.3
15	OTHER PLASTIC BOTTLES #3 - #7	0.3	0.0	0.0	0.0
16	#3 PVC RIGID NON - BOTTLE	0.0	0.5	0.0	0.0
17	PLASTIC PACKAGING/CONTAINERS	2.0	0.3	0.0	1.9
18	BULKY RIGID	0.8	0.7	29.5	15.8
19		0.6	0.6	0.0	2.2
20 21	RECOVERABLE FILM & FILM BAGS FILM: TRASH BAGS	4.0 4.7	1.4 1.8	0.0	3.6 1.7
21	FILM: OTHER	4.4	4.4	5.0	2.3
23	R/C PLASTIC	3.2	6.6	13.5	23.6
	Metal Subtotal	16.1	0.9	105.0	11.5
24	ALUMINUM CANS	3.9	0.1	0.0	0.4
25	NON-FERROUS METAL	12.2	0.0	0.0	0.0
26	STEEL CANS	0.0	0.0	0.0	0.3
27 28	OTHER SCRAP STEEL R/C METAL	0.0	0.8	40.0 65.0	10.7 0.2
20	Glass Subtotal	5.4	0.0 1.4	0.0	0.2
29	FOOD & BEVERAGE GLASS	5.2	1.4	0.0	0.0
30	R/C GLASS	0.2	0.0	0.0	0.7
	Organic Subtotal	72.0	34.5	65.0	72.3
31	YARD WASTE	0.0	0.0	0.0	0.0
32	FOOD WASTE	28.7	2.4	0.0	58.5
33	LIQUID FOOD WASTE	13.7	0.0	0.0	3.3
34		0.2	4.9	0.0	3.1
35 36	DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES	0.0 27.5	0.0 17.5	0.0	2.1 0.0
37	TREATED WOOD & PLYWOOD	1.5	9.5	65.0	4.9
38	R/C ORGANIC MATERIAL	0.5	0.2	0.0	0.5
	Electronic Subtotal	0.0	11.5	15.0	16.7
39	ELECTRONICS	0.0	11.5	15.0	16.7
	HHW Subtotal	1.4	72.5	0.0	0.5
40	BATTERIES	0.3	0.0	0.0	0.5
41	MERCURY-CONTAINING ITEMS	0.0	0.0	0.0	0.0
42	PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS	1.1 0.0	0.0 0.0	0.0	0.0
43 44	R/C OTHER HHW	0.0	72.5	0.0	0.0
	Subtotal Other Waste	0.0	95.1	0.0	4.9
45	BULKY MATERIAL	0.0	0.0	0.0	0.0
46	SMALL HOUSEHOLD APPLIANCES	0.0	0.0	0.0	0.0
47	CARPET & PADDING	0.0	90.0	0.0	0.0
48	C&D MATERIAL	0.0	4.9	0.0	0.0
49	TIRES / RUBBER	0.5	0.2	0.0	4.9
50	OTHER INORGANIC	0.0	0.0	0.0	0.0
	Total	214.8	253.9	233.0	201.6

	Date	6/25/2014	6/25/2014	6/26/2014	6/26/2014
	County	0	Ramsey	-	Washington
		te Management	•	ed Disposal Vas e	
	Truck # Truck Type	6168 FL	2336 FL	6021 FL	6191 COMP
	Ticket #	۲L 1473877	1473881	۲L 1474147	1474131
	Net Weight	10.32	8.03	8.48	6.27
	Sequence Number	38	39	40	41
	Category	Total	Total	Total	Total
	Paper Subtotal	0.0	41.0	33.8	48.3
1	NEWSPAPER	0.0	1.9	5.6	0.0
2	OFFICE PAPER	0.0	2.1	0.0	13.3
3	MAGAZINES / CATALOGS	0.0	0.4	2.1	0.0
4	GABLE TOP & ASEPTIC CONTAINERS	0.0	0.5	0.4	0.0
5	CARDBOARD / KRAFT PAPER BOXBOARD/ PAPERBOARD	0.0 0.0	7.6 3.7	2.7 5.8	9.5 0.8
7	MIXED RECYCLABLE PAPER	0.0	5.9	3.7	0.5
8	COMPOSTABLE PAPER	0.0	16.6	10.8	23.4
9	R/C PAPER	0.0	2.5	2.8	0.9
	Plastic Subtotal	0.0	31.3	36.8	52.6
10	#1 PET BOTTLES	0.0	0.5	3.7	0.3
11	OTHER NON-BOTTLE #1 PET	0.0	0.4	0.2	0.1
12	#2 HDPE BOTTLES/JARS	0.0	4.2	1.4	0.0
13	#2 HDPE NON-BOTTLE AND JARS	0.0	0.0	0.0	0.0
14	#5 PP CONTAINERS	0.0	0.3	0.9	0.0
15 16	OTHER PLASTIC BOTTLES #3 - #7 #3 PVC RIGID NON - BOTTLE	0.0 0.0	0.5 0.0	0.4	0.0
17	PLASTIC PACKAGING/CONTAINERS	0.0	2.9	2.6	2.0
18	BULKY RIGID	0.0	3.2	0.0	0.0
19	#6 STYROFOAM	0.0	0.8	1.1	3.6
20	RECOVERABLE FILM & FILM BAGS	0.0	2.4	0.0	4.6
21	FILM: TRASH BAGS	0.0	5.0	2.9	6.2
22	FILM: OTHER	0.0	4.5	12.4	35.4
23	R/C PLASTIC	0.0	6.9	11.5	0.5
	Metal Subtotal	0.0	1.6	13.2	0.7
24 25	ALUMINUM CANS NON-FERROUS METAL	0.0 0.0	0.7 0.2	2.9 0.6	0.1
25	STEEL CANS	0.0	0.2	4.4	0.0
27	OTHER SCRAP STEEL	0.0	0.0	0.0	0.2
28	R/C METAL	0.0	0.0	5.4	0.5
	Glass Subtotal	0.0	0.1	5.3	0.0
29	FOOD & BEVERAGE GLASS	0.0	0.0	4.4	0.0
30	R/C GLASS	0.0	0.1	0.9	0.0
	Organic Subtotal	127.5	126.0	58.3	105.2
31	YARD WASTE	0.0	0.0	0.0	0.0
32	FOOD WASTE	0.0	33.7	33.7	104.1
33	LIQUID FOOD WASTE TEXTILE & LEATHER	0.0 29.0	0.0	1.8	1.1
34 35	DIAPERS & SANITARY NAPKINS	29.0	1.1 7.9	4.5 5.5	0.0
36	CLEAN LUMBER/PALLETS/CRATES	42.5	0.0	7.2	0.0
37	TREATED WOOD & PLYWOOD	56.0	0.0	5.0	0.0
38	R/C ORGANIC MATERIAL	0.0	83.3	0.7	0.0
	Electronic Subtotal	0.0	0.0	2.0	0.0
39	ELECTRONICS	0.0	0.0	2.0	0.0
	HHW Subtotal	0.0	0.2	0.2	0.1
40	BATTERIES	0.0	0.2	0.2	0.1
41	MERCURY-CONTAINING ITEMS	0.0	0.0	0.0	0.0
42	PAINTS & SOLVENTS	0.0	0.0	0.0	0.0
43 44	AUTOMOTIVE PRODUCTS R/C OTHER HHW	0.0	0.0	0.0	0.0
44	Subtotal Other Waste	92.0	3.8	65.1	0.0
45	BULKY MATERIAL	14.5	0.0	65.0	0.0
45	SMALL HOUSEHOLD APPLIANCES	0.0	2.3	0.0	0.0
47	CARPET & PADDING	0.0	0.0	0.1	0.0
				0.0	0.0
48	C&D MATERIAL	77.5	0.0	0.0	0.0
49	TIRES / RUBBER	0.0	1.5	0.0	0.0
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	Date	6/30/2014	6/27/2014	6/27/2014	6/27/2014
	County	Ramsey	•	Washington	Ramsey
	Hauler Name Truck #		Nitti Sanitation	Aspen cy 6130	cling & Refuse
		6119 OT	6180 FL	COMP	6125 FL
	Ticket #	1474871		1474495	1474499
	Net Weight	3.94	8.88	10.97	6.56
	Sequence Number	42	43	44	45
	Category	Total	Total	Total	Total
	Paper Subtotal	3.7	26.9	30.1	17.2
1	NEWSPAPER	0.0	1.9	6.2	0.0
2	OFFICE PAPER	0.9	1.0	2.1	0.0
3	MAGAZINES / CATALOGS	0.0	0.2	0.1	2.2
4	GABLE TOP & ASEPTIC CONTAINERS CARDBOARD /KRAFT PAPER	0.0 1.8	0.3 2.8	1.0 6.0	1.5 5.2
6	BOXBOARD/ PAPERBOARD	0.1	1.1	3.1	2.2
7	MIXED RECYCLABLE PAPER	0.2	5.1	3.6	0.7
8	COMPOSTABLE PAPER	0.6	12.5	8.1	5.5
9	R/C PAPER	0.2	2.2	0.0	0.0
	Plastic Subtotal	63.9	46.6	83.8	27.3
10	#1 PET BOTTLES	0.6	2.0	3.1	1.4
11	OTHER NON-BOTTLE #1 PET	0.0	0.2	1.3	0.0
12	#2 HDPE BOTTLES/JARS	0.0	1.5	0.4	2.5
13	#2 HDPE NON-BOTTLE AND JARS	0.0	0.1	0.0	0.0
14 15	#5 PP CONTAINERS OTHER PLASTIC BOTTLES #3 - #7	0.1	0.8	0.8	3.6 1.1
15	#3 PVC RIGID NON - BOTTLE	0.0	0.0	0.0	1.1 3.5
17	PLASTIC PACKAGING/CONTAINERS	0.0	1.4	1.5	0.0
18	BULKY RIGID	0.0	9.0	17.5	7.5
19	#6 STYROFOAM	0.0	1.7	0.0	1.5
20	RECOVERABLE FILM & FILM BAGS	0.3	4.3	1.4	1.3
21	FILM: TRASH BAGS	1.4	1.6	4.5	1.3
22	FILM: OTHER	0.8	10.8	7.1	1.9
23	R/C PLASTIC	60.6	13.1	45.7	2.0
	Metal Subtotal	4.1	2.2	3.1	11.4
24 25	ALUMINUM CANS NON-FERROUS METAL	0.3	0.5 0.6	1.0 0.1	1.2 1.1
25	STEEL CANS	0.0	1.1	0.1	0.2
27	OTHER SCRAP STEEL	0.0	0.1	1.6	4.6
28	R/C METAL	3.9	0.0	0.3	4.4
	Glass Subtotal	0.0	2.5	0.8	5.5
29	FOOD & BEVERAGE GLASS	0.0	1.2	0.8	5.5
30	R/C GLASS	0.0	1.3	0.0	0.0
	Organic Subtotal	59.0	113.3		
31	YARD WASTE			56.4	42.2
32		0.0	0.0	56.4 24.6	42.2 4.6
	FOOD WASTE	0.5	0.0 56.5	24.6 11.3	4.6 26.8
33	FOOD WASTE LIQUID FOOD WASTE	0.5 0.0	0.0 56.5 5.0	24.6 11.3 4.0	4.6 26.8 0.8
33 34	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER	0.5 0.0 3.5	0.0 56.5 5.0 6.0	24.6 11.3 4.0 0.3	4.6 26.8 0.8 2.6
33 34 35	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS	0.5 0.0 3.5 0.0	0.0 56.5 5.0 6.0 8.4	24.6 11.3 4.0 0.3 0.4	4.6 26.8 0.8 2.6 7.1
33 34	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER	0.5 0.0 3.5	0.0 56.5 5.0 6.0	24.6 11.3 4.0 0.3	4.6 26.8 0.8 2.6
33 34 35 36	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES	0.5 0.0 3.5 0.0 55.0	0.0 56.5 5.0 6.0 8.4 0.0	24.6 11.3 4.0 0.3 0.4 0.0	4.6 26.8 0.8 2.6 7.1 0.0
33 34 35 36 37	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD	0.5 0.0 3.5 0.0 55.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0	24.6 11.3 4.0 0.3 0.4 0.0 15.7	4.6 26.8 0.8 2.6 7.1 0.0 0.0
33 34 35 36 37	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL	0.5 0.0 3.5 0.0 55.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.3
33 34 35 36 37 38	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal	0.5 0.0 3.5 0.0 55.0 0.0 0.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4 13.0	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2 0.0	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.3 0.0
33 34 35 36 37 38	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES	0.5 0.0 3.5 0.0 55.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4 13.0 13.0 0.1 0.0	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2 0.0 0.0 0.0 0.0 0.0	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.3 0.0 0.0 0.0 0.0 0.2 0.1
33 34 35 36 37 38 39 40 41	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS	0.5 0.0 3.5 0.0 55.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4 13.0 13.0 0.1 0.0 0.0	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.3 0.0 0.0 0.0 0.0 0.2 0.1 0.0
33 34 35 36 37 38 39 40 41 42	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS	0.5 0.0 3.5 0.0 55.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4 13.0 0.1 0.0 0.0 0.0 0.0	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.3 0.0 0.0 0.2 0.1 0.0 0.0 0.0
33 34 35 36 37 38 39 40 41 42 43	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS	0.5 0.0 3.5 0.0 55.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4 13.0 0.1 0.0 0.0 0.0 0.0	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.3 0.0 0.0 0.2 0.1 0.0 0.0 0.0 0.0 0.0 0.0
33 34 35 36 37 38 39 39 40 41 42	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW	0.5 0.0 3.5 0.0 55.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4 13.0 0.1 0.0 0.0 0.0 0.0 0.1 0.0 0.1	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2 0.0	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.3 0.0 0.0 0.0 0.1 0.0 0.0 0.0 0.1
33 34 35 36 37 38 39 40 41 42 43 44	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste	0.5 0.0 3.5 0.0 55.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4 13.0 0.1 0.0 0.0 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.5	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2 0.0	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.3 0.0 0.0 0.1 0.0 0.0 0.1 109.4
33 34 35 36 37 38 39 40 41 42 43 44 45	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL	0.5 0.0 3.5 0.0 55.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4 13.0 0.1 0.0 0.0 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.5 0.0	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2 0.0 17.0	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.0 0.0 0.0 0.1 0.0 0.0
33 34 35 36 37 38 39 40 41 42 43 44 45 46	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES	0.5 0.0 3.5 0.0 55.0 0.0 0.0 0.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4 13.0 13.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.5 0.0 0.0	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2 0.0	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.0 0.0
33 34 35 36 37 38 39 40 41 42 43 44 45	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL	0.5 0.0 3.5 0.0 55.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4 13.0 0.1 0.0 0.0 0.0 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.5 0.0	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2 0.0 17.0	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.0 0.0 0.0 0.1 0.0 0.0
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES CARPET & PADDING	0.5 0.0 3.5 0.0 55.0 0.0 0.0 0.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4 13.0 13.0 0.1 0.0 0.0 0.0 0.1 0.0 0.1 0.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 43.4 17.0 0.0 6.0	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.3 0.0 0.0 0.0 0.1 0.0 0.1 109.4 107.0 0.0 0.0 0.0 0.1
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	FOOD WASTE LIQUID FOOD WASTE TEXTILE & LEATHER DIAPERS & SANITARY NAPKINS CLEAN LUMBER/PALLETS/CRATES TREATED WOOD & PLYWOOD R/C ORGANIC MATERIAL Electronic Subtotal ELECTRONICS HHW Subtotal BATTERIES MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES CARPET & PADDING C&D MATERIAL	0.5 0.0 3.5 0.0 55.0 0.0 0.0 0.0 0.0 0.0	0.0 56.5 5.0 6.0 8.4 0.0 33.0 4.4 13.0 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.5 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	24.6 11.3 4.0 0.3 0.4 0.0 15.7 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 6.0 2.4	4.6 26.8 0.8 2.6 7.1 0.0 0.0 0.3 0.0 0.0 0.0 0.1 0.0 0.0 0.1 109.4 107.0 0.0 0.0 0.1 109.4

	Date	6/27/2014	6/28/2014	6/28/2014	6/28/2014
	County	Ramsey	Ramsey	Washington	Ramsey
	Hauler Name	Aspen	Aspen	Troje's Trash :	d Waste - Action
	Truck #	2336	5992	6174	5520
	Truck Type	FL	FL	FL	FL
	Ticket #	1474537	1474681	1474687	1474696
	Net Weight	8.99	11.66	4.99	8.88
	Sequence Number	46	47	48	49
	Category	Total	Total	Total	Total
	Paper Subtotal	31.4	29.6	22.6	87.4
1	NEWSPAPER	0.6	4.1	0.0	20.5
2	OFFICE PAPER	0.0	0.0	0.0	6.6
3	MAGAZINES / CATALOGS	0.0	0.5	0.0	27.3
4	GABLE TOP & ASEPTIC CONTAINERS	1.1	0.3	0.0	0.4
5		3.7 3.2	4.3 1.4	0.7	9.5
6 7	BOXBOARD/ PAPERBOARD MIXED RECYCLABLE PAPER	3.2 2.4	0.5	2.8 0.3	5.1 3.7
8	COMPOSTABLE PAPER	2.4 19.2	17.4	0.3 18.8	10.9
9	R/C PAPER	1.3	1.2	0.1	3.6
	Plastic Subtotal	44.1	11.5	22.6	41.6
10	#1 PET BOTTLES	2.5	1.2	0.1	9.0
10	OTHER NON-BOTTLE #1 PET	0.8	0.4	0.1	9.0
12	#2 HDPE BOTTLES/JARS	1.6	0.4	0.0	2.5
13	#2 HDPE NON-BOTTLE AND JARS	7.5	0.0	0.0	0.0
14	#5 PP CONTAINERS	0.9	1.4	0.9	0.9
15	OTHER PLASTIC BOTTLES #3 - #7	1.2	0.5	0.0	0.4
16	#3 PVC RIGID NON - BOTTLE	0.7	0.0	0.0	0.0
17	PLASTIC PACKAGING/CONTAINERS	1.5	1.1	0.6	2.6
18	BULKY RIGID	0.0	0.0	0.0	0.0
19	#6 STYROFOAM	4.3	0.4	0.0	1.7
20	RECOVERABLE FILM & FILM BAGS	2.3	1.9	2.3	5.6
21	FILM: TRASH BAGS	2.3	1.7	5.7	10.3
22	FILM: OTHER	14.1	2.0	12.3	8.7
23	R/C PLASTIC	4.8	0.9	0.9	0.0
	Metal Subtotal	35.3	6.7	3.3	2.4
24	ALUMINUM CANS	3.7	0.4	0.1	0.9
25	NON-FERROUS METAL	0.3	0.0	0.0	0.3
26	STEEL CANS	1.9	0.0	0.0	0.0
27	OTHER SCRAP STEEL	7.9	0.8	3.2	0.0
28	R/C METAL	21.5 2.4	5.5 4.6	0.0 2.1	1.3 22.2
29	Glass Subtotal				
30	FOOD & BEVERAGE GLASS R/C GLASS	1.3 1.1	2.1 2.5	2.1 0.0	17.2 5.0
30	,	97.0	2.5 171.6	94.7	5.0 50.6
21	Organic Subtotal YARD WASTE				
31 32	FOOD WASTE	0.0 75.5	0.0 158.3	0.0 92.2	0.0 27.8
33	LIQUID FOOD WASTE	6.0	2.6	1.1	10.5
34	TEXTILE & LEATHER	3.8	0.3	1.4	5.1
35	DIAPERS & SANITARY NAPKINS	11.7	2.4	0.0	4.3
36	CLEAN LUMBER/PALLETS/CRATES	0.0	8.0	0.0	0.0
37	TREATED WOOD & PLYWOOD	0.0	0.0	0.0	0.0
38	R/C ORGANIC MATERIAL	0.0	0.0	0.0	2.9
	Electronic Subtotal	0.0	0.0	0.0	0.0
39	ELECTRONICS	0.0	0.0	0.0	0.0
	HHW Subtotal	0.5	0.0	0.0	0.4
40	BATTERIES	0.5	0.0	0.0	0.4
41	MERCURY-CONTAINING ITEMS	0.0	0.0	0.0	0.0
42	PAINTS & SOLVENTS	0.0	0.0	0.0	0.0
43	AUTOMOTIVE PRODUCTS	0.0	0.0	0.0	0.0
44	R/C OTHER HHW	0.0	0.0	0.0	0.0
	Subtotal Other Waste	0.5	1.4	88.7	4.2
	BULKY MATERIAL	0.0	0.0	0.0	0.0
45			0.0	0.0	2.1
46	SMALL HOUSEHOLD APPLIANCES	0.0	0.0		
46 47	SMALL HOUSEHOLD APPLIANCES CARPET & PADDING	0.0	0.0	32.5	0.0
46 47 48	SMALL HOUSEHOLD APPLIANCES CARPET & PADDING C&D MATERIAL	0.0 0.0	0.0	32.5 50.0	0.0 0.0
46 47 48 49	SMALL HOUSEHOLD APPLIANCES CARPET & PADDING C&D MATERIAL TIRES / RUBBER	0.0 0.0 0.5	0.0 0.0 0.3	32.5 50.0 6.2	0.0 0.0 0.0
46 47 48	SMALL HOUSEHOLD APPLIANCES CARPET & PADDING C&D MATERIAL	0.0 0.0	0.0	32.5 50.0	0.0 0.0

Date 6/28/2014 6/28/2014 6/28/2014 6/28/2014 Ramsey Ramsey Ramsey Ramsey Washington Hauler Name id Waste - Action and V Truck # 440 5865 5986 Truck Type COMP F.L F.L F.L F.L Net Weight 6.53 15.22 3.85 52 Category Total Total Total Paper Subtotal 29.3 54.1 39.7 1 NEWSPAPER 0.4 1.3 0.0 2 2 OFFICE PAPER 0.0 0.0 0.0 0.0 2 OFFICE PAPER 0.0 0.0 0.0 0.0 3 MAGAZINES / CATALOGS 1.0 7.7 0.0 0 4 GABLE TOP & ASEPTIC CONTAINERS 0.0 0.2 0.0 1 5 CARBOARD / RART PAPER 2.2 7.4 39.5 1 6 BOXBOARD / RART PAPER 0.1 28.2	5520 FL 1474725 6.65 53 Total 32.5 14.3 0.0 0.0 1.6 1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 2.5 0.4 1.8 0.0 1.2 0.3 0.0 1.2 0.3 0.0
Truck # 440 5865 5986 Truck Type COMP FL FL Tickt # 1474712 1474707 1474706 Net Weight 6.53 15.22 3.85 Sequence Number 50 51 52 Category Total Total Total 1 NEWSPAPER 0.4 1.3 0.0 2 OFFICE PAPER 0.0 0.0 0.0 3 MAGZINES / CATALOGS 1.0 7.7 0.0 4 GABLE TOP & ASEPTIC CONTAINERS 0.0 0.2 0.0 5 CARDBOARD / KRAFT PAPER 2.2 7.4 39.5 6 BOXBOARD / PAPERBOARD 1.3 5.4 0.0 7 MIXED RECYCLABLE PAPER 10.0 3.3 0.0 8 COMPOSTABLE PAPER 0.1 28.2 0.2 2 9 R/C PAPER 0.0 1.6 0.0 11 0 1.55 0.0 1.5	5520 FL 1474725 6.65 53 Total 32.5 14.3 0.0 0.0 1.6 1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 2.5 0.4 1.8 0.0 1.2 0.3 0.0 1.2 0.3 0.0
Truck Type Ticket # COMP 1474712 FL 1474707 FL 1474707 FL 1474706 Net Weight Sequence Number 6.53 15.22 3.85 Sequence Number 50 51 52 Category Total Total Total 1 NEWSPAPER 0.4 1.3 0.0 2 OFFICE PAPER 0.4 1.3 0.0 3 MAGAZINES / CATALOGS 1.0 7.7 0.0 4 GABLE TOP & ASEPTIC CONTAINERS 0.0 0.2 0.0 5 CARDBOARD / KRAFT PAPER 2.2 7.4 39.5 6 BOXBOARD / PAPERBOARD 1.3 5.4 0.0 7 MIXED RECYCLABLE PAPER 0.1 28.2 0.2 9 R/C PAPER 0.0 1.5 0.0 10 #1 PET BOTTLES 0.0 1.5 0.0 11 OTHER NON-BOTTLE #1 PET 0.0 0.6 0.0 12 #2 HOPE BOTTLES/JARS 0.0 1.6 0.0	FL 1474725 6.65 53 Total 32.5 14.3 0.0 0.0 1.6 1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.4 1.8 0.0 1.2 0.3 0.0
Ticket # 1474712 1474707 1474706 Net Weight Sequence Number 6.53 15.22 3.85 Category Total Total Total Total Paper Subtotal 29.3 54.1 39.7 1 NEWSPAPER 0.4 1.3 0.0 2 OFFICE PAPER 0.4 1.3 0.0 2 OFFICE PAPER 0.4 1.3 0.0 2 OFFICE PAPER 0.4 1.3 0.0 3 MAGAZINES / CATALOGS 1.0 7.7 0.0 4 GABLE TOP & ASEPTIC CONTAINERS 0.0 0.2 0.0 5 CARDBOARD / KRAFT PAPER 2.2 7.4 39.5 6 BOXBOARD / PAPERBOARD 1.3 5.4 0.0 7 MIXED RECYCLABLE PAPER 0.1 28.2 0.2 9 R/C PAPER 0.1 28.2 0.2 9 R/C PAPER 0.0 1.5 0.0 11 OTHER NO	1474725 6.65 53 Total 32.5 14.3 0.0 0.0 1.6 1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.4 1.8 0.0 1.2 0.3 0.0
Net Weight Sequence Number 6.53 50 15.22 51 3.85 52 Category Total Total Total Total St.1 39.7 1 NEWSPAPER 0.4 1.3 0.0 0 0 2 OFFICE PAPER 0.0 0.0 0.0 0.0 0 3 MAGAZINES / CATALOGS 1.0 7.7 0.0 1 4 GABLE TOP & ASEPTIC CONTAINERS 0.0 0.2 0.0 1 5 CARDBOARD / KRAFT PAPER 2.2 7.4 39.5 1 6 BOXBOARD / PAPERBOARD 1.3 5.4 0.0 1 7 MIXED RECYCLABLE PAPER 10.0 3.3 0.0 1 8 COMPOSTABLE PAPER 0.1 28.2 0.2 1 9 9 R/C PAPER 0.0 1.5 0.0 1 1 3.2 10 #1 PET BOTTLES 0.0 1.5 0.0 1 1 3.2 11<	6.65 53 Total 32.5 14.3 0.0 0.0 1.6 1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.3 0.0 1.2 0.3 0.0
Sequence Number 50 51 52 Category Total Total Total Total Total 1 NEWSPAPER 0.4 1.3 0.0 0 2 OFFICE PAPER 0.4 1.3 0.0 0 3 MAGAZINES / CATALOGS 1.0 7.7 0.0 0 4 GABLE TOP & ASEPTIC CONTAINERS 0.0 0.2 0.0 0 5 CARDBOARD / KRAFT PAPER 2.2 7.4 39.5 6 BOXBOARD / KRAFT PAPER 2.2 7.4 39.5 0 0 6 BOXBOARD / KRAFT PAPER 0.0 3.3 0.0 1 7 MIXED RECYCLABLE PAPER 0.1 28.2 0.2 9 8 COMPOSTABLE PAPER 0.1 28.2 0.2 1 9 R/C PAPER 14.4 0.7 0.0 15 0.0 1.5 0.0 1.5 0.0 1.4 14.1 3.2 1 1	53 Total 32.5 14.3 0.0 0.0 1.6 1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.4 1.8 0.0 1.2 0.3 0.0 1.2 0.3 0.0 1.2 0.3 0.0 1.2 0.3 0.0 0.0 1.2 0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0
Paper Subtotal 29.3 54.1 39.7 1 NEWSPAPER 0.4 1.3 0.0 2 OFFICE PAPER 0.0 0.0 0.0 3 MAGAZINES / CATALOGS 1.0 7.7 0.0 4 GABLE TOP & ASEPTIC CONTAINERS 0.0 0.2 0.0 5 CARDBOARD /KRAFT PAPER 2.2 7.4 39.5 6 BOXBOARD / KRAFT PAPER 2.2 7.4 39.5 6 BOXBOARD / KRAFT PAPER 1.3 5.4 0.0 7 MIXED RECYCLABLE PAPER 10.0 3.3 0.0 8 COMPOSTABLE PAPER 0.1 28.2 0.2 9 R/C PAPER 0.1 28.2 0.2 10 #1 PET BOTTLES 0.0 1.5 0.0 11 OTHER NON-BOTTLE #1 PET 0.0 0.6 0.0 12 #1 PET BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE NON-BOTTLE #1 PET 0.0 0.0 0.0 </th <th>32.5 14.3 0.0 0.16 1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.3 20.5 0.4 0.3 0.4 0.3 0.4 0.3 0.0 1.2 0.3 0.0</th>	32.5 14.3 0.0 0.16 1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.3 20.5 0.4 0.3 0.4 0.3 0.4 0.3 0.0 1.2 0.3 0.0
1 NEWSPAPER 0.4 1.3 0.0 2 OFFICE PAPER 0.0 0.0 0.0 3 MAGAZINES / CATALOGS 1.0 7.7 0.0 4 GABLE TOP & ASEPTIC CONTAINERS 0.0 0.2 0.0 5 CARDBOARD / KRAFT PAPER 2.2 7.4 39.5 6 BOXBOARD / PAPERBOARD 1.3 5.4 0.0 7 MIXED RECYCLABLE PAPER 10.0 3.3 0.0 8 COMPOSTABLE PAPER 0.1 28.2 0.2 9 R/C PAPER 14.4 0.7 0.0 Plastic Subtotal 24.2 41.1 3.2 10 #1 PET BOTTLES 0.0 1.5 0.0 11 OTHER NON-BOTTLE #1 PET 0.0 0.6 0.0 12 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE NON-BOTTLE AND JARS 0.0 1.0 1.4 5 PP CONTAINERS 0.0 1.6 0.0	14.3 0.0 0.0 1.6 1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.3 0.0 0.0
2 OFFICE PAPER 0.0 0.0 0.0 3 MAGAZINES / CATALOGS 1.0 7.7 0.0 4 GABLE TOP & ASEPTIC CONTAINERS 0.0 0.2 0.0 5 CARDBOARD / KRAFT PAPER 2.2 7.4 39.5 6 BOXBOARD / PAPERBOARD 1.3 5.4 0.0 7 MIXED RECYCLABLE PAPER 10.0 3.3 0.0 8 COMPOSTABLE PAPER 0.1 28.2 0.2 9 R/C PAPER 14.4 0.7 0.0 10 #1 PET BOTTLES 0.0 1.5 0.0 11 OTHER NON-BOTTLE #1 PET 0.0 1.6 0.0 12 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE NON-BOTTLE AND JARS 0.0 0.0 0.0 14 #5 PP CONTAINERS 0.0 4.2 0.0 15 OTHER PLASTIC BOTTLES #3 - #7 0.0 0.0 0.0 15 OTHER PLASTIC BOTTLES #3 - #7 <	0.0 0.0 1.6 1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.3
3 MAGAZINES / CATALOGS 1.0 7.7 0.0 4 GABLE TOP & ASEPTIC CONTAINERS 0.0 0.2 0.0 5 CARDBOARD / KRAFT PAPER 2.2 7.4 39.5 6 BOXBOARD / PAPERBOARD 1.3 5.4 0.0 7 MIXED RECYCLABLE PAPER 10.0 3.3 0.0 8 COMPOSTABLE PAPER 0.1 28.2 0.2 9 R/C PAPER 0.1 28.2 0.2 9 R/C PAPER 14.4 0.7 0.0 10 #1 PET BOTTLES 0.0 1.5 0.0 11 OTHER NON-BOTTLE #1 PET 0.0 0.6 0.0 12 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE NON-BOTTLE AND JARS 0.0 0.0 1.4 15 OP CONTAINERS 0.0 0.0 1.4 16 #3 PVC RIGID NON - BOTTLES #3 - #7 0.0 0.0 1.4 15 OTHER PLASTIC BOTTLES #3 - #7 <	0.0 1.6 1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.3
4 GABLE TOP & ASEPTIC CONTAINERS 0.0 0.2 0.0 5 CARDBOARD / KRAFT PAPER 2.2 7.4 39.5 6 BOXBOARD / PAPERBOARD 1.3 5.4 0.0 7 MIXED RECYCLABLE PAPER 10.0 3.3 0.0 8 COMPOSTABLE PAPER 0.1 28.2 0.2 9 R/C PAPER 0.1 28.2 0.2 10 #1 PET BOTTLES 0.0 1.5 0.0 11 OTHER NON-BOTTLE #1 PET 0.0 0.6 0.0 12 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE NON-BOTTLE AND JARS 0.0 0.0 0.0 14 #5 PP CONTAINERS 0.0 4.2 0.0 1 14 #5 PP CONTAINERS 0.3 4.	1.6 1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.3 0.0
5 CARDBOARD / KRAFT PAPER 2.2 7.4 39.5 6 BOXBOARD / PAPERBOARD 1.3 5.4 0.0 7 MIXED RECYCLABLE PAPER 10.0 3.3 0.0 8 COMPOSTABLE PAPER 0.1 28.2 0.2 9 R/C PAPER 14.4 0.7 0.0 10 #1 PET BOTTLES 0.0 1.5 0.0 10 #1 PET BOTTLES 0.0 1.5 0.0 11 OTHER NON-BOTTLE #1 PET 0.0 0.6 0.0 12 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE NON-BOTTLE AND JARS 0.0 0.0 0.0 14 #5 PP CONTAINERS 0.0 0.0 0.0 0.0 14 #5 PP CONTAINERS 0.3 4.3 0.0 0.0 15 OTHER PLASTIC BOTTLES #3 - #7 0.0 0.0 0.0 0.0 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 0.0 0.0	1.2 0.4 0.2 14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.3 0.0 1.2 0.3 0.0
6 BOXBOARD/ PAPERBOARD 1.3 5.4 0.0 7 MIXED RECYCLABLE PAPER 10.0 3.3 0.0 8 COMPOSTABLE PAPER 0.1 28.2 0.2 9 R/C PAPER 14.4 0.7 0.0 10 #1 PET BOTTLES 0.0 1.5 0.0 11 OTHER NON-BOTTLE #1 PET 0.0 0.6 0.0 12 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE NON-BOTTLE AND JARS 0.0 0.0 0.0 14 #5 PP CONTAINERS 0.0 0.0 0.0 0.0 14 #5 PP CONTAINERS 0.0 0.0 0.0 0.0 15 OTHER PLASTIC BOTTLES #3 - #7 0.0 0.0 0.0 0.0 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 0.0 17 PLASTIC PACKAGING/CONTAINERS 0.3 4.3 0.0 0.0 18 BULKY RIGID 0.0 0.0 0.	0.4 0.2 14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.3 0.0
7 MIXED RECYCLABLE PAPER 10.0 3.3 0.0 8 COMPOSTABLE PAPER 0.1 28.2 0.2 9 R/C PAPER 14.4 0.7 0.0 Plastic Subtotal 24.2 41.1 3.2 10 #1 PET BOTTLES 0.0 1.5 0.0 11 OTHER NON-BOTTLE #1 PET 0.0 0.6 0.0 12 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE NON-BOTTLE AND JARS 0.0 0.0 0.0 14 #5 PP CONTAINERS 0.0 0.0 0.0 1 15 OTHER PLASTIC BOTTLES #3 - #7 0.0 0.0 0.0 1 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 1 17 PLASTIC PACKAGING/CONTAINERS 0.3 4.3 0.0 1 18 BULKY RIGID 0.0 0.0 0.0 1 1 1.7 21 FILM: TRASH BAGS 1.1 2.1 1.7 1 1 1 1 1 <td< th=""><td>14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.3 0.0</td></td<>	14.6 0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.3 0.0
9 R/C PAPER 14.4 0.7 0.0 Plastic Subtotal 24.2 41.1 3.2 10 #1 PET BOTTLES 0.0 1.5 0.0 11 OTHER NON-BOTTLE #1 PET 0.0 0.6 0.0 12 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE BOTTLES/JARS 0.0 0.0 0.0 14 #5 PP CONTAINERS 0.0 0.0 0.0 15 OTHER PLASTIC BOTTLES #3 - #7 0.0 0.0 0.0 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 17 PLASTIC PACKAGING/CONTAINERS 0.3 4.3 0.0 18 BULKY RIGID 0.0 0.0 0.0 1 19 #6 STYROFOAM 0.0 0.9 0.0 1 20 RECOVERABLE FILM & FILM BAGS 1.1 2.1 1.7 1 21 FILM: OT	0.3 22.4 2.5 0.4 1.8 0.0 1.2 0.3 0.0
Plastic Subtotal 24.2 41.1 3.2 10 #1 PET BOTTLES 0.0 1.5 0.0 11 OTHER NON-BOTTLE #1 PET 0.0 0.6 0.0 12 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE NON-BOTTLE AND JARS 0.0 0.0 0.0 14 #5 PP CONTAINERS 0.0 0.0 0.0 15 OTHER PLASTIC BOTTLES #3 - #7 0.0 0.0 0.0 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 17 PLASTIC PACKAGING/CONTAINERS 0.3 4.3 0.0 18 BULKY RIGID 0.0 0.0 0.0 1 19 #6 STYROFOAM 0.0 0.9 0.0 1 20 RECOVERABLE FILM & FILM BAGS 1.1 2.1 1.7 21 FILM: TRASH BAGS 0.1 4.6 0.0 22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC <	22.4 2.5 0.4 1.8 0.0 1.2 0.3 0.0
10 #1 PET BOTTLES 0.0 1.5 0.0 11 OTHER NON-BOTTLE #1 PET 0.0 0.6 0.0 12 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 14 #5 PP CONTAINERS 0.0 0.0 0.0 15 OTHER PLASTIC BOTTLES #3 - #7 0.0 0.0 0.0 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 17 PLASTIC PACKAGING/CONTAINERS 0.3 4.3 0.0 18 BULKY RIGID 0.0 0.0 0.0 1.1 19 #6 STYROFOAM 0.0 0.9 0.0 1.1 20 RECOVERABLE FILM & FILM BAGS 1.1 2.1 1.7 21 FILM: TRASH BAGS 0.1 4.6 0.0 22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC 22.5 3.1 1.5 Metal Subtota	2.5 0.4 1.8 0.0 1.2 0.3 0.0
11 OTHER NON-BOTTLE #1 PET 0.0 0.6 0.0 12 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE NON-BOTTLE AND JARS 0.0 0.0 0.0 14 #5 PP CONTAINERS 0.0 4.2 0.0 15 OTHER PLASTIC BOTTLES #3 - #7 0.0 0.0 0.0 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 17 PLASTIC PACKAGING/CONTAINERS 0.3 4.3 0.0 18 BULKY RIGID 0.0 0.0 0.0 0.0 19 #6 STYROFOAM 0.0 0.9 0.0 0.0 20 RECOVERABLE FILM & FILM BAGS 1.1 2.1 1.7 21 FILM: TRASH BAGS 0.1 4.6 0.0 22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC 22.5 3.1 1.5 Metal Subtotal	0.4 1.8 0.0 1.2 0.3 0.0
12 #2 HDPE BOTTLES/JARS 0.0 1.6 0.0 13 #2 HDPE NON-BOTTLE AND JARS 0.0 0.0 0.0 14 #5 PP CONTAINERS 0.0 4.2 0.0 15 OTHER PLASTIC BOTTLES #3 - #7 0.0 0.0 0.0 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 17 PLASTIC PACKAGING/CONTAINERS 0.3 4.3 0.0 18 BULKY RIGID 0.0 0.0 0.0 19 #6 STYROFOAM 0.0 0.9 0.0 20 RECOVERABLE FILM & FILM BAGS 1.1 2.1 1.7 21 FILM: TRASH BAGS 0.1 4.6 0.0 22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC 22.5 3.1 1.5	1.8 0.0 1.2 0.3 0.0
13 #2 HDPE NON-BOTTLE AND JARS 0.0 0.0 0.0 14 #5 PP CONTAINERS 0.0 4.2 0.0 15 OTHER PLASTIC BOTTLES #3 - #7 0.0 0.0 0.0 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 17 PLASTIC PACKAGING/CONTAINERS 0.3 4.3 0.0 18 BULKY RIGID 0.0 0.0 0.0 10 19 #6 STYROFOAM 0.0 0.9 0.0 11 20 RECOVERABLE FILM & FILM BAGS 1.1 2.1 1.7 21 FILM: TRASH BAGS 0.1 4.6 0.0 22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC 22.5 3.1 1.5 Metal Subtotal	0.0 1.2 0.3 0.0
14 #5 PP CONTAINERS 0.0 4.2 0.0 15 OTHER PLASTIC BOTTLES #3 - #7 0.0 0.0 0.0 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 17 PLASTIC PACKAGING/CONTAINERS 0.3 4.3 0.0 18 BULKY RIGID 0.0 0.0 0.0 19 #6 STYROFOAM 0.0 0.9 0.0 20 RECOVERABLE FILM & FILM BAGS 1.1 2.1 1.7 21 FILM: TRASH BAGS 0.1 4.6 0.0 22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC 22.5 3.1 1.5	1.2 0.3 0.0
15 OTHER PLASTIC BOTTLES #3 - #7 0.0 0.0 0.0 16 #3 PVC RIGID NON - BOTTLE 0.0 2.0 0.0 17 PLASTIC PACKAGING/CONTAINERS 0.3 4.3 0.0 18 BULKY RIGID 0.0 0.0 0.0 19 #6 STYROFOAM 0.0 0.9 0.0 20 RECOVERABLE FILM & FILM BAGS 1.1 2.1 1.7 21 FILM: TRASH BAGS 0.1 4.6 0.0 22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC 22.5 3.1 1.5	0.3 0.0
17 PLASTIC PACKAGING/CONTAINERS 0.3 4.3 0.0 18 BULKY RIGID 0.0 0.0 0.0 19 #6 STYROFOAM 0.0 0.9 0.0 20 RECOVERABLE FILM & FILM BAGS 1.1 2.1 1.7 21 FILM: TRASH BAGS 0.1 4.6 0.0 22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC 22.5 3.1 1.5	
18 BULKY RIGID 0.0 0.0 0.0 0.0 19 #6 STYROFOAM 0.0 0.9 0.0 0.0 20 RECOVERABLE FILM & FILM BAGS 1.1 2.1 1.7 21 FILM: TRASH BAGS 0.1 4.6 0.0 22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC 22.5 3.1 1.5 Metal Subtotal 14.1 4.2 0.0	
19 #6 STYROFOAM 0.0 0.9 0.0 20 RECOVERABLE FILM & FILM BAGS 1.1 2.1 1.7 21 FILM: TRASH BAGS 0.1 4.6 0.0 22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC 22.5 3.1 1.5	1.1
20 RECOVERABLE FILM & FILM BAGS 1.1 2.1 1.7 21 FILM: TRASH BAGS 0.1 4.6 0.0 22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC 22.5 3.1 1.5 Metal Subtotal 14.1 4.2 0.0	0.4
21 FILM: TRASH BAGS 0.1 4.6 0.0 22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC 22.5 3.1 1.5 Metal Subtotal 14.1 4.2 0.0	0.4
22 FILM: OTHER 0.3 16.4 0.0 23 R/C PLASTIC 22.5 3.1 1.5 Metal Subtotal 14.1 4.2 0.0	1.4 2.9
23 R/C PLASTIC 22.5 3.1 1.5 Metal Subtotal 14.1 4.2 0.0	8.6
Metal Subtotal 14.1 4.2 0.0	1.6
24 ALUMINUM CANS 0.0 0.6 0.0	2.7
	1.9
25 NON-FERROUS METAL 0.0 0.5 0.0	0.0
26 STEEL CANS 2.9 2.6 0.0	0.9
27 OTHER SCRAP STEEL 4.2 0.6 0.0 20 D/O METAL 7.4 0.0 0.0	0.0
28 R/C METAL 7.1 0.0 0.0 Glass Subtotal 1.1 14.3 0.0	0.0 1.9
29 FOOD & BEVERAGE GLASS 0.0 14.3 0.0	1.9
30 R/C GLASS 1.1 0.0 0.0	0.0
Organic Subtotal 127.9 86.0 190.4	137.5
31 YARD WASTE 0.0 0.0 0.0	0.0
32 FOOD WASTE 0.0 74.5 184.4	130.2
33 LIQUID FOOD WASTE 0.0 0.5 0.0	0.0
34 TEXTILE & LEATHER 48.3 3.6 0.0 25 DIADEDC & CANITADY NADICINC 0.0 2.2 0.0	0.3
35 DIAPERS & SANITARY NAPKINS 0.0 3.2 0.0 36 CLEAN LUMBER/PALLETS/CRATES 0.7 0.0 6.0	3.9 0.0
36 CLEAN LOIMBER/ PALLETS/CRATES 0.7 0.0 0.0 37 TREATED WOOD & PLYWOOD 75.9 4.2 0.0	0.0
38 R/C ORGANIC MATERIAL 3.1 0.0 0.0	2.9
Electronic Subtotal 0.0 0.0 0.0	0.0
39 ELECTRONICS 0.0 0.0 0.0	0.0
HHW Subtotal 0.0 0.0 0.0	0.0
40 BATTERIES 0.0 0.0 0.0	0.0
41 MERCURY-CONTAINING ITEMS 0.0 0.0 0.0	0.0
42 PAINTS & SOLVENTS 0.0 0.0 0.0 42 AUTOMOTIVE PROPUNCTO 0.0 0	0.0
43 AUTOMOTIVE PRODUCTS 0.0 0.0 0.0 44 R/C OTHER HHW 0.0 0.0 0.0	0.0
44 R/COTHER HHW 0.0 0.0 0.0 Subtotal Other Waste 16.1 30.1 0.0	0.0 11.3
45 BULKY MATERIAL 12.5 0.0 0.0	0.0
45 BOEKT MATERIAL 12.5 0.0 0.0 46 SMALL HOUSEHOLD APPLIANCES 0.0 0.0 0.0	0.0
47 CARPET & PADDING 0.0 0.0 0.0	0.0
48 C&D MATERIAL 0.0 0.0 0.0	0.0
49 TIRES / RUBBER 0.9 30.1 0.0	1.9
50 OTHER INORGANIC 2.7 0.0 0.0	9.4
Total 212.5 229.7 233.3	9.4 208.2

	Date	-// -		
	County Hauler Name	0	Washington d Waste - Action :d	-
	Truck #	6133	6145 - 6145	6041 - 6041
	Truck Type	COMP	OT	COMP
	Ticket #	1474891	1474893	1474920
	Net Weight	4.1	1.24	10.7
	Sequence Number	54	55	56
	Category	Total	Total	Total
	Paper Subtotal	0.0	64.6	38.8
1	NEWSPAPER	0.0	0.3	0.0
2	OFFICE PAPER	0.0	0.5	0.5
3	MAGAZINES / CATALOGS	0.0	0.0	0.0
4	GABLE TOP & ASEPTIC CONTAINERS	0.0 0.0	0.3 45.4	0.4
6	CARDBOARD / KRAFT PAPER BOXBOARD/ PAPERBOARD	0.0	0.4	3.2
7	MIXED RECYCLABLE PAPER	0.0	0.0	1.9
8	COMPOSTABLE PAPER	0.0	17.7	25.1
9	R/C PAPER	0.0	0.1	0.8
	Plastic Subtotal	111.5	39.7	30.2
10	#1 PET BOTTLES	0.0	13.7	0.9
11	OTHER NON-BOTTLE #1 PET	0.0	0.0	0.0
12	#2 HDPE BOTTLES/JARS	0.0	0.9	0.0
13	#2 HDPE NON-BOTTLE AND JARS	0.0	0.0	0.0
14	#5 PP CONTAINERS	0.0	0.0	1.4
15	OTHER PLASTIC BOTTLES #3 - #7	0.0	0.0	0.0
16	#3 PVC RIGID NON - BOTTLE	0.0	0.4	0.0
17 18	PLASTIC PACKAGING/CONTAINERS BULKY RIGID	0.0 0.0	4.5 0.0	4.0
18	#6 STYROFOAM	0.0	3.3	0.0
20	RECOVERABLE FILM & FILM BAGS	0.0	1.4	5.4
21	FILM: TRASH BAGS	0.0	7.1	9.8
22	FILM: OTHER	0.0	3.1	6.7
23	R/C PLASTIC	111.5	5.5	2.1
	Metal Subtotal	0.0	2.1	0.6
24	ALUMINUM CANS	0.0	0.8	0.2
25	NON-FERROUS METAL	0.0	0.2	0.0
26	STEEL CANS	0.0	0.0	0.0
27	OTHER SCRAP STEEL	0.0	1.1	0.4
28	R/C METAL	0.0 0.0	0.0 1.0	0.0 0.3
00	Glass Subtotal			
29 30	FOOD & BEVERAGE GLASS R/C GLASS	0.0 0.0	1.0 0.0	0.0
30	Organic Subtotal	0.0	70.7	127.9
31	YARD WASTE	0.0	0.0	0.0
32	FOOD WASTE	0.0	48.6	121.4
33	LIQUID FOOD WASTE	0.0	19.1	0.9
34	TEXTILE & LEATHER	0.0	0.5	0.0
35	DIAPERS & SANITARY NAPKINS	0.0	0.0	0.0
36	CLEAN LUMBER/PALLETS/CRATES	0.0	0.0	0.0
37	TREATED WOOD & PLYWOOD	0.0	0.0	5.6
38	R/C ORGANIC MATERIAL	0.0	2.5	0.0
	Electronic Subtotal	0.0	0.0	0.3
39	ELECTRONICS	0.0	0.0 0.0	0.3 0.0
	HHW Subtotal	0.0		
40	BATTERIES	0.0	0.0	0.0
41	MERCURY-CONTAINING ITEMS PAINTS & SOLVENTS	0.0 0.0	0.0	0.0
12		0.0	0.0	0.0
42 43	AUTOMOTIVE PRODUCTS	0.0		0.0
	AUTOMOTIVE PRODUCTS R/C OTHER HHW	0.0	0.0	0.0
43				0.0 4.4
43	R/C OTHER HHW	0.0	0.0	
43 44	R/C OTHER HHW Subtotal Other Waste	0.0 97.5	0.0 22.5	4.4
43 44 45	R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL	0.0 97.5 97.5	0.0 22.5 22.5	4.4 0.0
43 44 45 46	R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES CARPET & PADDING C&D MATERIAL	0.0 97.5 97.5 0.0 0.0 0.0	0.0 22.5 22.5 0.0	4.4 0.0 0.0 0.0 0.0 0.0
43 44 45 46 47 48 49	R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES CARPET & PADDING C&D MATERIAL TIRES / RUBBER	0.0 97.5 97.5 0.0 0.0 0.0 0.0 0.0	0.0 22.5 22.5 0.0 0.0 0.0 0.0 0.0	4.4 0.0 0.0 0.0 0.0 0.0 0.4
43 44 45 46 47 48	R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES CARPET & PADDING C&D MATERIAL	0.0 97.5 97.5 0.0 0.0 0.0	0.0 22.5 22.5 0.0 0.0 0.0 0.0	4.4 0.0 0.0 0.0 0.0

	Date	6/26/14	6/26/14	6/26/14	6/26/14
	County	Ramsey	•	Ramsey	Ramsey
				Walters Recycling	
	Truck #	(345) 6152		· · · ·	
	Truck Type Ticket #	FL 1474124		FL 1474124	FL 1474124
	Net Weight	10		10	10
	Sample ID	NRRT-MF-01	NRRT-MF-02	NRRT-MF-03	NRRT-MF-04
	Sequence Number	57	58	59	60
	Category	Total	Total	Total	Total
	Paper Subtotal	63.2	25.8	61.6	17.5
1	NEWSPAPER	5.4	3.5	1.5	0.0
2		9.6	0.2	10.7	0.0
3	MAGAZINES / CATALOGS GABLE TOP & ASEPTIC CONTAINERS	0.5 0.5	0.0 0.0	0.4 6.9	0.8 5.3
5	CARDBOARD /KRAFT PAPER	2.9	0.7	7.3	0.0
6	BOXBOARD/ PAPERBOARD	5.3	2.8	6.9	2.1
7	MIXED RECYCLABLE PAPER	10.9	5.7	3.2	2.3
8	COMPOSTABLE PAPER	25.6	10.3	22.3	6.9
9	R/C PAPER	2.7	2.7	2.6	0.2
4.0	Plastic Subtotal	33.4	22.6	42.6	18.3
10 11	#1 PET BOTTLES OTHER NON-BOTTLE #1 PET	6.9 0.7	1.5 0.3	2.4 1.0	0.4
11	#2 HDPE BOTTLES/JARS	0.7	0.3	2.7	0.3
13	#2 HDPE NON-BOTTLE AND JARS	1.7	0.0	0.9	0.2
14	#5 PP CONTAINERS	1.6	0.3	0.4	0.0
15	OTHER PLASTIC BOTTLES #3 - #7	0.8	0.2	0.3	0.6
16	#3 PVC RIGID NON - BOTTLE	0.0	0.0	0.1	0.0
17 18	PLASTIC PACKAGING/CONTAINERS BULKY RIGID	2.9 0.0	1.4 2.5	1.9 5.5	0.0 3.6
19	#6 STYROFOAM	1.5	0.6	1.6	1.3
20	RECOVERABLE FILM & FILM BAGS	2.7	1.9	2.4	1.4
21	FILM: TRASH BAGS	1.4	1.4	3.7	2.5
22	FILM: OTHER	7.2	5.8	12.6	2.7
23	R/C PLASTIC	5.9	5.0	7.5	5.5
	Metal Subtotal	4.3	14.3	12.5	0.8
24	ALUMINUM CANS NON-FERROUS METAL	2.7	1.2	0.8	0.2
25 26	STEEL CANS	0.3	0.3 2.1	0.2 2.5	0.1
27	OTHER SCRAP STEEL	0.3	5.5	0.3	0.2
28	R/C METAL	0.5	5.3	8.8	0.4
	Glass Subtotal	8.3	2.4	1.3	0.0
29	FOOD & BEVERAGE GLASS	7.6	1.2	1.3	0.0
30	R/C GLASS	0.7	1.2	0.0	0.0
	Organic Subtotal	83.3	130.6	81.4	107.2
31	YARD WASTE	0.0	18.8	4.3	0.0
32		49.0	13.7	62.6	54.2
33 34	LIQUID FOOD WASTE TEXTILE & LEATHER	9.3 10.4	0.7 11.8	6.8 3.8	3.0 11.9
35	DIAPERS & SANITARY NAPKINS	11.6	85.2	0.0	0.1
36	CLEAN LUMBER/PALLETS/CRATES	0.0	0.0	2.5	0.0
37	TREATED WOOD & PLYWOOD	0.0	0.2	0.2	36.1
38	R/C ORGANIC MATERIAL	3.0	0.3	1.3	2.0
	Electronic Subtotal	3.6	0.0	2.0	14.5
39	ELECTRONICS	3.6	0.0	2.0	14.5
<u> </u>	HHW Subtotal	0.0	0.0	0.0	0.0
40	BATTERIES MERCURY-CONTAINING ITEMS	0.0	0.0	0.0	0.0
41 42	PAINTS & SOLVENTS	0.0	0.0	0.0	0.0
		0.0		0.0	0.0
43	AUTOMOTIVE PRODUCTS	0.0	0.0	0.0	
43		0.0 0.0	0.0	0.0	0.0
_	AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste				
44	AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL	0.0 6.0 0.0	0.0 13.9 0.0	0.0 8.2 0.0	0.0 44.7 44.7
44 45 46	AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES	0.0 6.0 0.0 0.0	0.0 13.9 0.0 0.0	0.0 8.2 0.0 0.0	0.0 44.7 44.7 0.0
44 45 46 47	AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES CARPET & PADDING	0.0 6.0 0.0 0.0 0.0	0.0 13.9 0.0 0.0 0.0	0.0 8.2 0.0 0.0 0.0	0.0 44.7 44.7 0.0 0.0
44 45 46	AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES CARPET & PADDING C&D MATERIAL	0.0 6.0 0.0 0.0	0.0 13.9 0.0 0.0	0.0 8.2 0.0 0.0 0.0 5.0	0.0 44.7 44.7 0.0
44 45 46 47 48	AUTOMOTIVE PRODUCTS R/C OTHER HHW Subtotal Other Waste BULKY MATERIAL SMALL HOUSEHOLD APPLIANCES CARPET & PADDING	0.0 6.0 0.0 0.0 0.0 0.0 0.0	0.0 13.9 0.0 0.0 0.0 0.0 0.9	0.0 8.2 0.0 0.0 0.0	0.0 44.7 44.7 0.0 0.0 0.0 0.0