

Waste Composition Study

conducted at

Davis Energy Recovery Facility

August 3-7, 2015



650 East Highway 193 - Layton, UT 84041

For

WASATCH
INTEGRATED
waste management district

Prepared By:

RRC

11282 - 86th Avenue North
Maple Grove, MN 55369

612-225-1240 | www.RRCcompanies.com

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experience matters

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**Waste Composition Study
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1.0 Introduction

A solid waste composition study was conducted by RRC Power & Energy, LLC (RRC) for the Wasatch Integrated Waste Management District (WIWMD) at the Davis Energy Recovery Facility (ERF) on August 3-7, 2015. The gathering of accurate solid waste composition information yields valuable information in the following areas:

- General information on types of waste being generated,
- Effectiveness of source separation efforts for recyclable materials,
- Effectiveness of yard waste diversion programs,
- Suitability of the waste for use as a fuel for energy production,
- Feasibility input for study of a mixed-waste material processing facility,
- A spot-check for presence of household and other hazardous or biomedical wastes.

This report describes the methods used to collect and analyze the composition of the waste, and summarizes the findings of these general objectives.

2.0 Executive Summary

General Results: The waste evaluated during the course of the study was, generally, similar in composition and particle size to Municipal Solid Waste (MSW) typically encountered nationally.

Recyclable materials: The most readily recycled materials are present in quantities typical to other, similar service areas in which recycling programs are available.

Problem materials: Problem wastes comprise only a small fraction of the waste stream indicating an educated public utilizing appropriate diversion facilities.

Organic materials: Both yard waste and food waste were present in quantities somewhat higher than typical nationally, with yard waste, primarily in the form of grass clippings, being present in notably significant quantity.

Source Comparisons: Comparisons were drawn between waste sources that do, and that do not, have curbside recycling available. Likewise, the waste composition from sources that do, and do not, offer yard-waste diversion programs was compared. The data available at this time indicates that the composition of waste generated from service areas with functioning recycling and/or yard-waste diversion programs does not differ significantly from those communities without such programs.

3.0 Study Preparation

This section contains a detailed description of the planning and preparation undertaken in order to execute this study.

The WIWMD waste composition study was generally based upon the sampling methods described in U.S. Environmental Protection Agency (EPA) publication SW-846, entitled "*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*", and American Society for Testing and Materials (ASTM) Method D5231-95 (Reapproved 2008) "*Standard Test Method for Determination of the Composition of Unprocessed Municipal Solid Waste.*" Modifications to the procedures and definitions were incorporated to address the location-specific objectives and constraints of the WIWMD system.

Logistical considerations (e.g. schedule, location of sorting, method of sampling, etc.) were determined by WIWMD and RRC through discussion after review of the relevant literature, and identification of site-specific limits and objectives.

3.1 Study Plan and Schedule

Initially the sorting was envisioned to take place at the Davis ERF where energy recovery currently takes place, and where any pre-processing would likely be sited. The operational status of the ERF, however, made the use of this site problematic. It was therefore decided by WIWMD and RRC to conduct the sort at the Layton Landfill site. Having fewer activities taking place concurrently, the landfill provided vastly improved conditions for the sorting process. (The restricted availability of the ERF resulted in a diversion of waste deliveries from that facility to the landfill, thus ensuring that the stream being sampled was representative of what would have been delivered to the ERF had it been operating normally.)

The sampling was conducted over a five-day period (August 3-7, 2015); this period was chosen for the study based upon a review by WIWMD and RRC of historical waste receiving data at the relevant facilities. This period includes a sampling of the typical variations in amount and type of waste that are received during the summer months. A one-week sample period was sufficient to provide the opportunity to collect fifty individual samples, a representative-sampling event.

While sampling was predominantly random, some targeted data was desired in order to evaluate the effectiveness of source diversion efforts related to yard waste diversion and curbside collection of recyclables. Information was also collected relating to the waste composition variations between strictly residential sources, and "commercial" sources.

Note: The term "commercial" as used in this report is applied to waste that was delivered via front-loader trucks, and is believed to come from multi-family dwellings as well as from light commercial businesses (e.g. restaurants, motels, offices, etc.). As such, the material labeled as "commercial" waste is thought to be largely from residential sources.

Historical waste receiving data was reviewed by WIWMD and RRC to determine the specifics of this focused sampling. Care was exercised to determine the proportional

contribution of these targeted locations to the overall waste stream, and to limit the collection of targeted samples so that such focused data collection would not skew the accuracy, and representative nature of the cross-section of total waste evaluated.

Sampling of waste delivered in roll-off containers was not conducted.

3.2 Sample Procedure and Equipment

A Waste Composition Study Procedure Manual was prepared (Appendix A) which contains the methods that were used to collect and evaluate the relevant data, including guidance and clarification on the categories of waste to be sorted. The procedure was generally based upon the sampling methods described in U.S. Environmental Protection Agency (EPA) publication SW-846, entitled "*Test Methods for Evaluating Solid Waste, Physical/Chemical Methods*", and American Society for Testing and Materials (ASTM) Method D5231-95 (Reapproved 2008) "*Standard Test Method for Determination of the Composition of Unprocessed Municipal Solid Waste.*" Modifications to the procedures and definitions were made to address the location-specific objectives and constraints of the WIWMD system.

Sampling was conducted by an experienced sorting crew trained in the use of the sampling procedure. In addition to the practical aspect of the sorting, the sorting crew was trained in, and demonstrated knowledge of, the safety hazards inherent in handling MSW. All sort crew members used the following personal protective equipment:

- Latex or nitrile gloves worn under leather (or similar) gloves,
- Safety glasses,
- Protective coveralls,
- High visibility vests, and
- Hard hats.

A sorting area was set up in the Layton Landfill maintenance shop convenient to the facility receiving area. All of the equipment necessary to conduct the sort was located in this sort area, including:

- A sort table,
- One 2" screen,
- One ¼" screen,
- Containers for each category of waste (appropriately labeled),
- Electronic scales (minimum 250 pound capacity, and 0.1 pound precision),
- Shovels, rakes, brooms and related hand tools,
- A magnet (used to test for ferrous metals).

3.3 Sample Documentation

All data that was collected during the waste sort was recorded on sort data collection forms (Appendix B.) Three forms were used:

- Oversized & Problem Materials,
- 2" Plus Waste, and
- 2" Minus Waste.

Hard copies of these forms were provided to the sample crew for recordkeeping during the actual conduct of the sort. The hard copy forms were collected each day, and reviewed for completeness and accuracy. Copies were made – both hard copy and electronic – for the purpose of data security.

Note: On Day 4 of the sort (Thursday, August 6 at about 15:00) the sort crew supervisor discovered that the sample number that was on-deck for sorting did not match the scale house sample number. The RRC supervisor was notified, and the sample sequence was terminated at Sample 43; the last sample then on-deck for sorting. Given the time of day, (late afternoon) no further samples were collected. Sorting continued on those samples that were on-hand, even though the provenance of those samples was uncertain. The discrepancy in sample number has no impact on the overall project objective: characterization of the total waste stream. This discrepancy could, however, adversely impact some of the source-specific analyses the WIWMD wishes to conduct regarding source controls of yard waste and recyclable materials. WIWMD staff were able to reconstruct the sequence of events related to samples 37-43 to a high level of confidence. This information was used to correct the information on those data sheets that were in error, and to verify the information on the sample data forms that was already correct. Sample collection resumed on Friday (Day 5) using a starting number of Sample 51 (to flag the point of sample provenance certainty) and ended with Sample 57.

3.4 Data Analysis

The information recorded on the data sheets was transferred to a purpose-built spreadsheet for tabulation, statistical refinement, and composition analysis. The spreadsheet was then modified to address the specific needs of the WIWMD which include:

- Particle size proportion and composition,
- Source data related to curb-side recycling,
- Source data related to yard waste separation programs, and
- The presence of problem materials.

All data was subjected to statistical evaluation, analyzed using a 90% confidence interval. All related values (mean, upper and lower bound values) are presented in the results.

Note: In certain cases (e.g. problem materials) in which the population was small, and the variability high, the lower bound is expressed as zero rather than the negative value that resulted from the statistical function. An electronic copy of the waste composition spreadsheet has been provided to WIWMD for recordkeeping, further analysis, and possible use in future composition studies. Certain excerpts from that spreadsheet are included in Appendix B to this report.

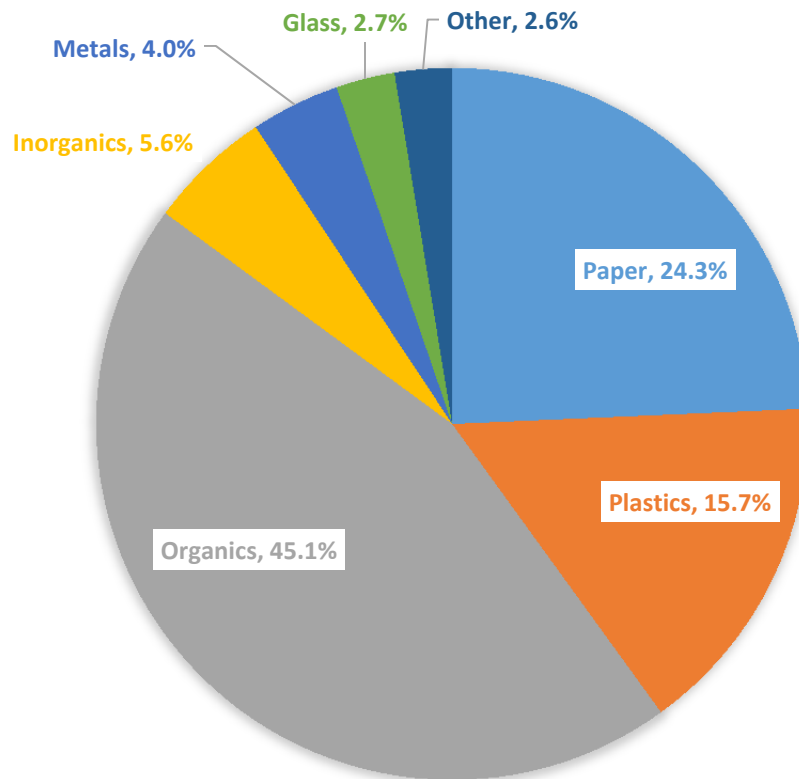
4.0 Results

As noted in Section 3, all of the waste that was evaluated was labeled by source to allow analysis and comparison. In addition, all of the waste sorted was segregated by particle size. Finally, all waste was subjectively evaluated for having “problem” characteristics (e.g. chemical composition, physical characteristics, or regulatory controls). This section presents the results of the analyses.

4.1 Results: All Sources, All Types

This section presents the results of the waste composition study for all sources, and all categories of MSW analyzed, in graphic and tabular form.

WIWMD WASTE CHARACTERIZATION RESULTS ALL SOURCES, ALL TYPES (MEAN WEIGHT PERCENT)



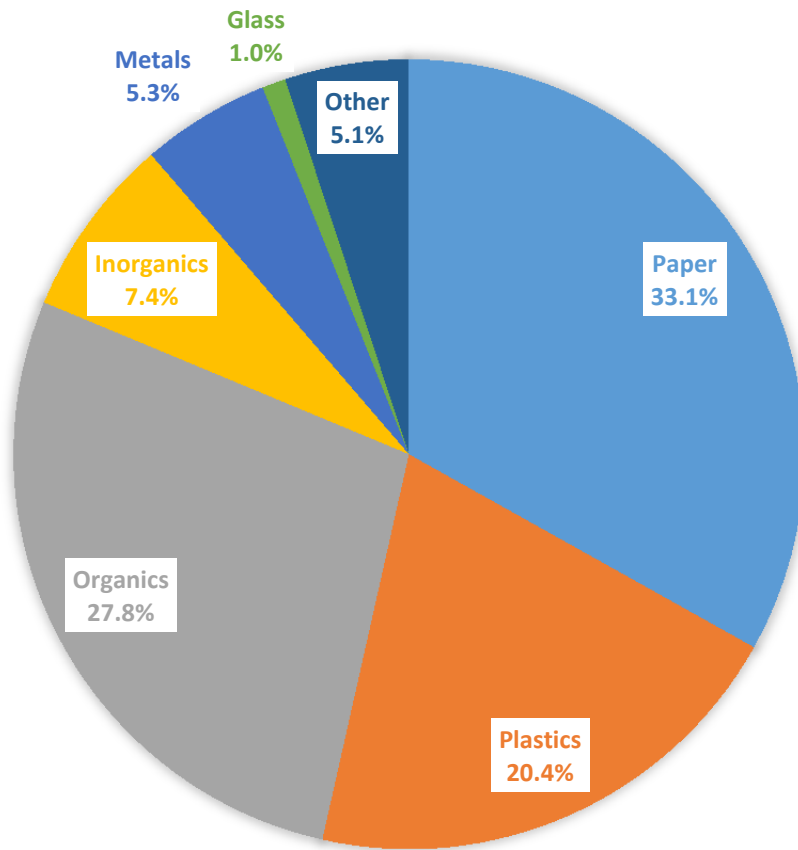
WIWMD WASTE CHARACTERIZATION RESULTS: ALL SOURCES, ALL TYPES				
Category	Component	Mean	CONF INT (90%)	
			LOWER	UPPER
Paper	Newsprint	1.7%	1.4%	2.1%
	High Grade Paper	1.4%	1.2%	1.7%
	Corrugated Cardboard	4.4%	3.3%	5.5%
	Magazines	1.1%	0.9%	1.3%
	Other Paper	15.7%	14.2%	17.1%
Subtotal Paper		24.3%	22.0%	26.6%
Plastics	HDPE w/ neck	1.0%	0.6%	1.4%
	PET w/ neck	1.6%	1.4%	1.7%
	Plastic Film	5.4%	4.7%	6.1%
	Polypropylene	0.5%	0.4%	0.6%
	Other Plastics	7.2%	6.3%	8.1%
Subtotal Plastics		15.7%	14.4%	17.0%
Organics	Food Waste	15.3%	13.6%	17.1%
	Yard Waste	17.8%	13.8%	21.8%
	Wood Waste	4.5%	2.8%	6.1%
	Textiles	2.3%	1.6%	2.9%
	Other Organics	5.2%	4.2%	6.2%
Subtotal Organics		45.1%	41.2%	48.9%
Inorganics	Small Electronic Appliances	0.6%	0.3%	0.9%
	Alkaline Batteries	0.1%	0.0%	0.1%
	Other Batteries	0.0%	0.0%	0.0%
	Other Inorganics	4.9%	3.3%	6.6%
Subtotal Inorganics		5.6%	3.9%	7.3%
Metals	Aluminum Cans	0.6%	0.5%	0.7%
	Other Aluminum	0.3%	0.2%	0.3%
	Ferrous Food Cans	0.9%	0.7%	1.0%
	Other Ferrous	2.0%	1.2%	2.8%
	Other Nonferrous	0.4%	0.2%	0.6%
Subtotal Metals		4.0%	3.2%	4.8%
Glass	Food and Beverage Glass	2.4%	1.9%	3.0%
	Other Glass	0.2%	0.1%	0.3%
Subtotal Glass		2.7%	2.1%	3.3%
Other	Medical Waste	0.0%	0.0%	0.0%
	Hazardous Waste	0.3%	0.1%	0.6%
	Tires	0.1%	0.0%	0.1%
	Carpet & Padding	0.8%	0.2%	1.4%
	Appliances & Furniture	1.4%	0.1%	2.6%
	Special/Problem Waste	0.0%	0.0%	0.0%
Subtotal Other		2.6%	1.2%	4.0%
	TOTALS:	100.0%		



4.2 Results: Commercial Sources

This section presents the results of the waste composition study for Commercial sources, and all categories of MSW analyzed, in graphic and tabular form.

WIWMD WASTE CHARACTERIZATION RESULTS COMMERCIAL SOURCES (MEAN WEIGHT PERCENT)



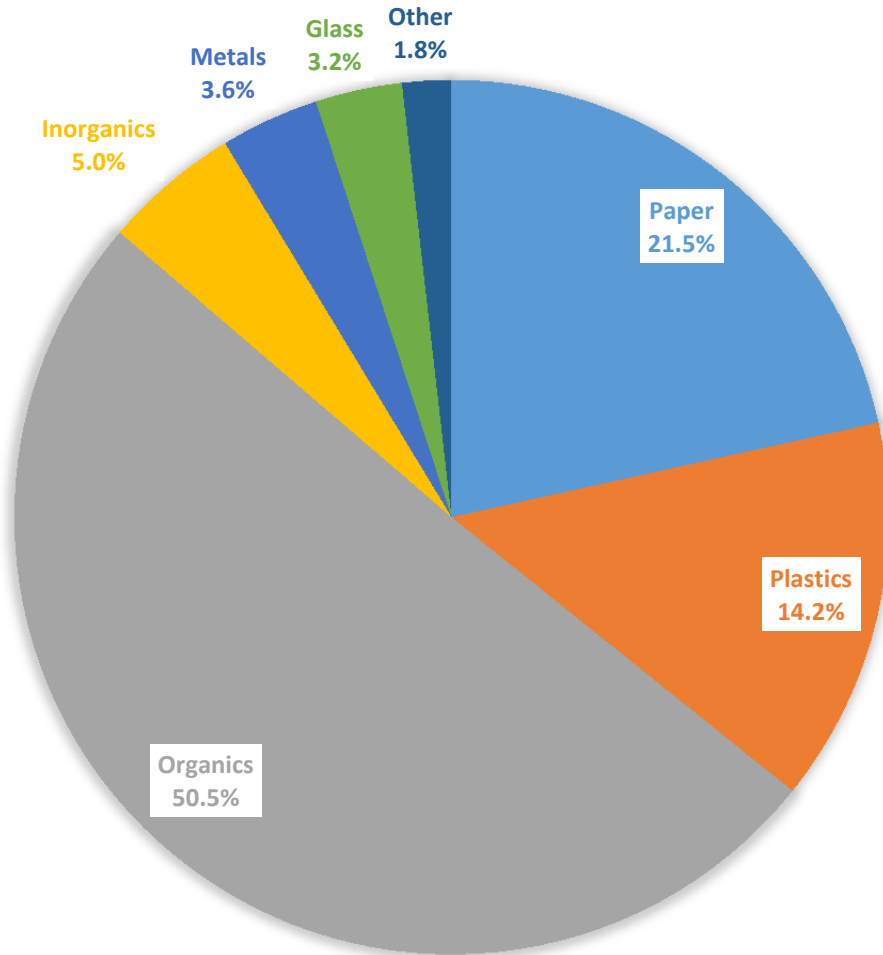
WIWMD WASTE CHARACTERIZATION RESULTS: COMMERCIAL SOURCES				
Category	Component	Mean	CONF INT (90%)	
			LOWER	UPPER
Paper	Newsprint	1.0%	0.3%	1.7%
	High Grade Paper	2.5%	1.5%	3.5%
	Corrugated Cardboard	9.5%	6.5%	12.6%
	Magazines	0.3%	0.1%	0.6%
	Other Paper	19.8%	15.8%	23.8%
Subtotal Paper		33.1%	27.6%	38.6%
Plastics	HDPE w/ neck	1.6%	0.0%	3.4%
	PET w/ neck	1.7%	1.3%	2.1%
	Plastic Film	6.8%	5.5%	8.0%
	Polypropylene	0.8%	0.5%	1.0%
	Other Plastics	9.5%	7.4%	11.7%
Subtotal Plastics		20.4%	17.5%	23.3%
Organics	Food Waste	10.8%	7.2%	14.4%
	Yard Waste	2.8%	0.2%	5.4%
	Wood Waste	6.6%	2.6%	10.5%
	Textiles	1.9%	0.9%	3.0%
	Other Organics	5.6%	3.3%	7.8%
Subtotal Organics		27.8%	21.1%	34.4%
Inorganics	Small Electronic Appliances	0.7%	0.0%	1.4%
	Alkaline Batteries	0.0%	0.0%	0.1%
	Other Batteries	0.0%	0.0%	0.0%
	Other Inorganics	6.6%	2.1%	11.2%
Subtotal Inorganics		7.4%	3.1%	11.8%
Metals	Aluminum Cans	0.7%	0.4%	1.0%
	Other Aluminum	0.3%	0.0%	0.6%
	Ferrous Food Cans	0.9%	0.4%	1.4%
	Other Ferrous	3.0%	0.5%	5.6%
	Other Nonferrous	0.4%	0.0%	0.8%
Subtotal Metals		5.3%	2.8%	7.7%
Glass	Food and Beverage Glass	0.7%	0.3%	1.1%
	Other Glass	0.2%	0.0%	0.5%
Subtotal Glass		1.0%	0.5%	1.5%
Other	Medical Waste	0.0%	0.0%	0.1%
	Hazardous Waste	0.9%	0.0%	1.8%
	Tires	0.0%	0.0%	0.0%
	Carpet & Padding	1.6%	0.0%	3.7%
	Appliances & Furniture	2.5%	0.0%	7.0%
	Special/Problem Waste	0.0%	0.0%	0.0%
Subtotal Other		5.1%	0.5%	9.6%
	TOTALS:	100.0%		



4.3 Results: Residential Sources

This section presents the results of the waste composition study for Residential sources, and all categories of MSW analyzed, in graphic and tabular form.

WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL SOURCES (MEAN WEIGHT PERCENT)



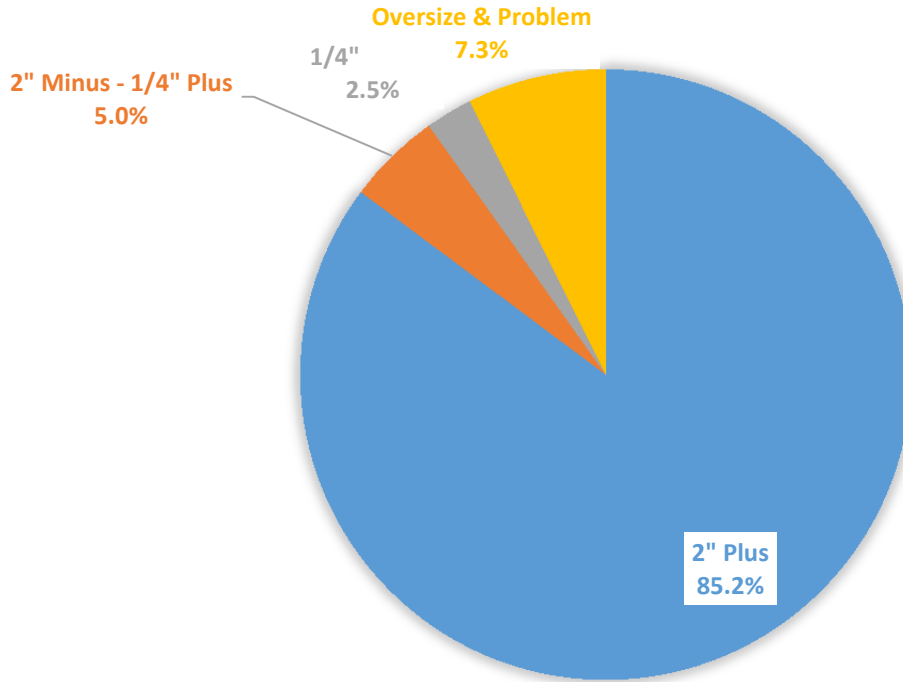
WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL SOURCES				
Category	Component	Mean	CONF INT (90%)	
			LOWER	UPPER
Paper	Newsprint	1.9%	1.6%	2.3%
	High Grade Paper	1.1%	0.9%	1.3%
	Corrugated Cardboard	2.8%	2.0%	3.6%
	Magazines	1.3%	1.1%	1.6%
	Other Paper	14.3%	12.9%	15.7%
Subtotal Paper		21.5%	19.4%	23.6%
Plastics	HDPE w/ neck	0.8%	0.7%	0.9%
	PET w/ neck	1.5%	1.3%	1.7%
	Plastic Film	5.0%	4.2%	5.8%
	Polypropylene	0.4%	0.4%	0.5%
	Other Plastics	6.5%	5.5%	7.4%
Subtotal Plastics		14.2%	12.9%	15.5%
Organics	Food Waste	16.7%	14.9%	18.6%
	Yard Waste	22.5%	18.0%	27.0%
	Wood Waste	3.8%	2.0%	5.7%
	Textiles	2.4%	1.6%	3.2%
	Other Organics	5.1%	3.9%	6.3%
Subtotal Organics		50.5%	47.0%	54.1%
Inorganics	Small Electronic Appliances	0.6%	0.3%	0.9%
	Alkaline Batteries	0.1%	0.0%	0.1%
	Other Batteries	0.0%	0.0%	0.0%
	Other Inorganics	4.4%	2.6%	6.1%
Subtotal Inorganics		5.0%	3.2%	6.9%
Metals	Aluminum Cans	0.5%	0.4%	0.6%
	Other Aluminum	0.2%	0.2%	0.3%
	Ferrous Food Cans	0.9%	0.7%	1.0%
	Other Ferrous	1.7%	1.0%	2.3%
	Other Nonferrous	0.4%	0.1%	0.6%
Subtotal Metals		3.6%	2.9%	4.4%
Glass	Food and Beverage Glass	3.0%	2.3%	3.7%
	Other Glass	0.2%	0.1%	0.4%
Subtotal Glass		3.2%	2.5%	3.9%
Other	Medical Waste	0.0%	0.0%	0.0%
	Hazardous Waste	0.2%	0.0%	0.4%
	Tires	0.1%	0.0%	0.2%
	Carpet & Padding	0.5%	0.0%	1.0%
	Appliances & Furniture	1.0%	0.0%	2.1%
	Special/Problem Waste	0.0%	0.0%	0.0%
Subtotal Other		1.8%	0.6%	3.0%
	TOTALS:	100.0%		



4.4 Results: By Particle Size

This section presents the results of the waste composition study based upon particle size, all sources, and all categories of MSW analyzed, in graphic and tabular form.

**WIWMD WASTE CHARACTERIZATION RESULTS: PARTICLE SIZE
(MEAN WEIGHT PERCENT)**



WIWMD WASTE CHARACTERIZATION RESULTS: PARTICLE SIZE			
Particle Size	Mean	CONF INT (90%)	
		LOWER	UPPER
2" Plus	85.2%	82.4%	88.0%
2" Minus - 1/4" Plus	5.0%	4.2%	5.8%
1/4" Minus	2.5%	1.7%	3.3%
Oversize & Problem	7.3%	4.6%	10.0%
Total	100.0%		

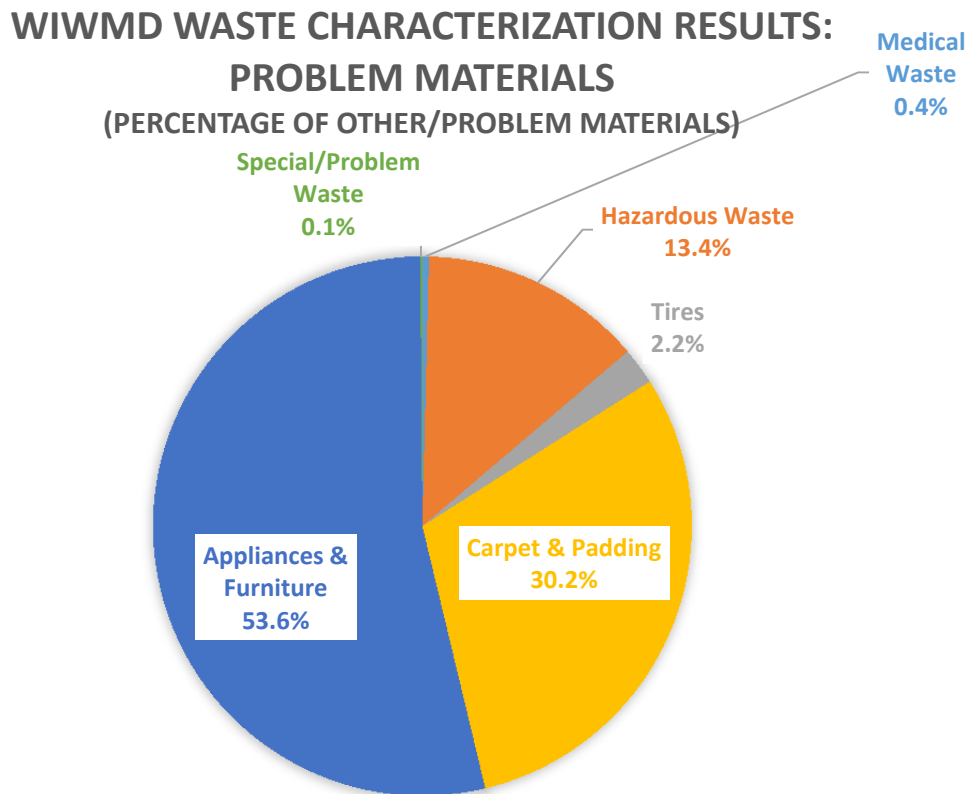
4.5 Results: Problem Materials

Problem materials are defined as the following: medical waste, hazardous waste, tires, carpet and padding, appliances, furniture, and waste articles having physical characteristics that have proven to present handling difficulties in waste processing facilities due to size, weight, and/or composition.

Problem materials constituted only a small portion of the waste sorted when measured as a fraction of the total stream.

Waste Type	Mean	Lower	Upper
Medical Waste	0.0%	0.0%	0.0%
Hazardous Waste	0.3%	0.1%	0.6%
Tires	0.1%	0.0%	0.1%
Carpet & Padding	0.8%	0.2%	1.4%
Appliances & Furniture	1.4%	0.1%	2.6%
Special/Problem Waste	0.0%	0.0%	0.0%
Subtotal	2.6%	1.2%	4.0%

Problem materials, when analyzed as a separate data set, that is, when subcategorized only within the “Other/Problem Materials” category, present the following characteristics.



While approximately 2.6% of the waste evaluated fell into the category of Problem Materials, the vast majority of waste so identified was appliances, furniture, and carpet / carpet padding. The following observations were noted:

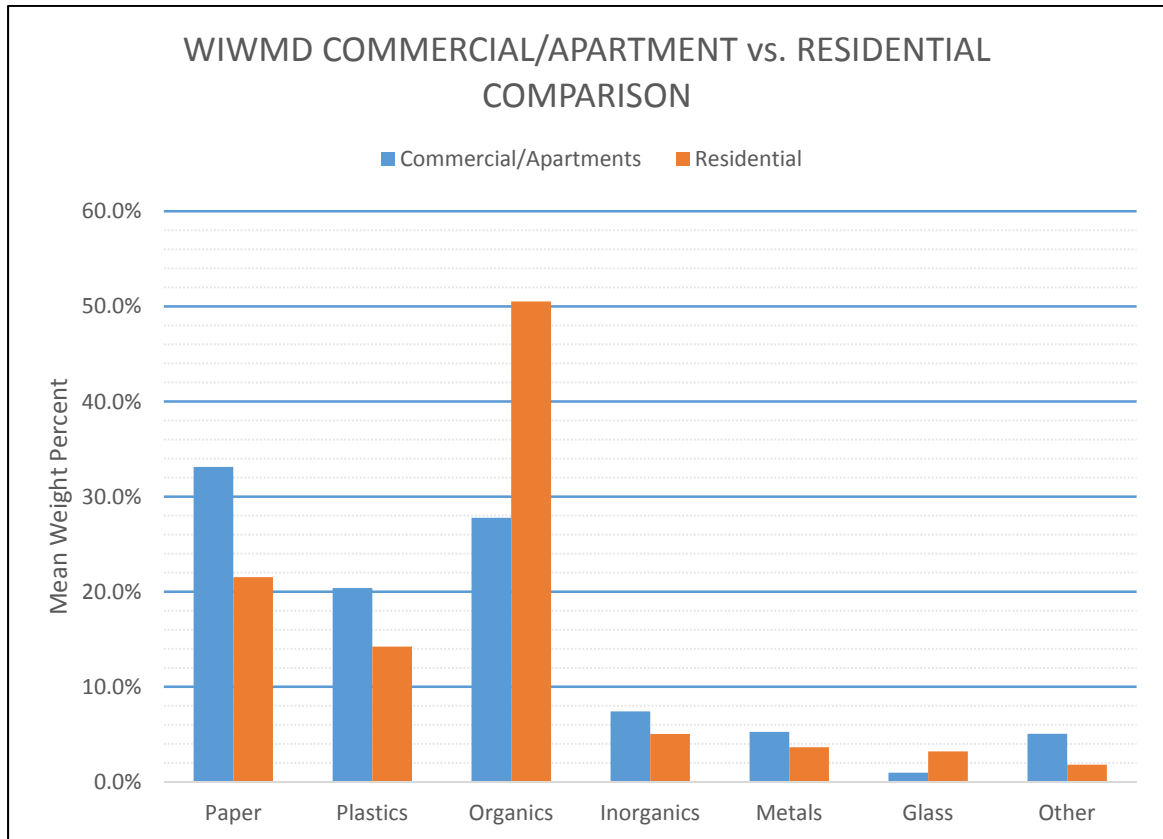
- Very little Medical Waste was found, mostly in the form of hypodermic needles.
- Small amounts of Household Hazardous Waste (HHW) were encountered. Examples of the type of HHW found include paint, insect repellent, insecticide, oil filters, anti-lice shampoo, fluorescent bulbs, and live ammunition.
- Only a few tires were found, although one was still mounted on a steel wheel.
- Carpet and carpet padding were present in quantities (0.8%) typical of an urban waste stream.
- Appliances and Furniture comprised the largest fraction (1.4%) of the Problem Materials identified. While the weight percent leads one to believe that appliances and furniture are commonly encountered, the weight and density of these articles skews the numerical data upward. The number of appliances and furniture found is typical of an urban waste stream. Examples of the appliances found include microwave ovens, a garbage disposal, televisions, and a weed-eater. The furniture that was present was generally of the size that could be concealed in a curbside container or small dumpster.
- The Special and Problem materials that were encountered were typically identified as such due to physical characteristics (size, weight, shape, etc.). Examples include lumber, plastic sheeting and plastic rods, countertop, rocks, hose, and fencing.

5.0 Comparison of Results

The waste sources were tracked, within a random sampling strategy, to allow for a comparison of waste composition under differing management approaches. This section provides the resulting comparison data.

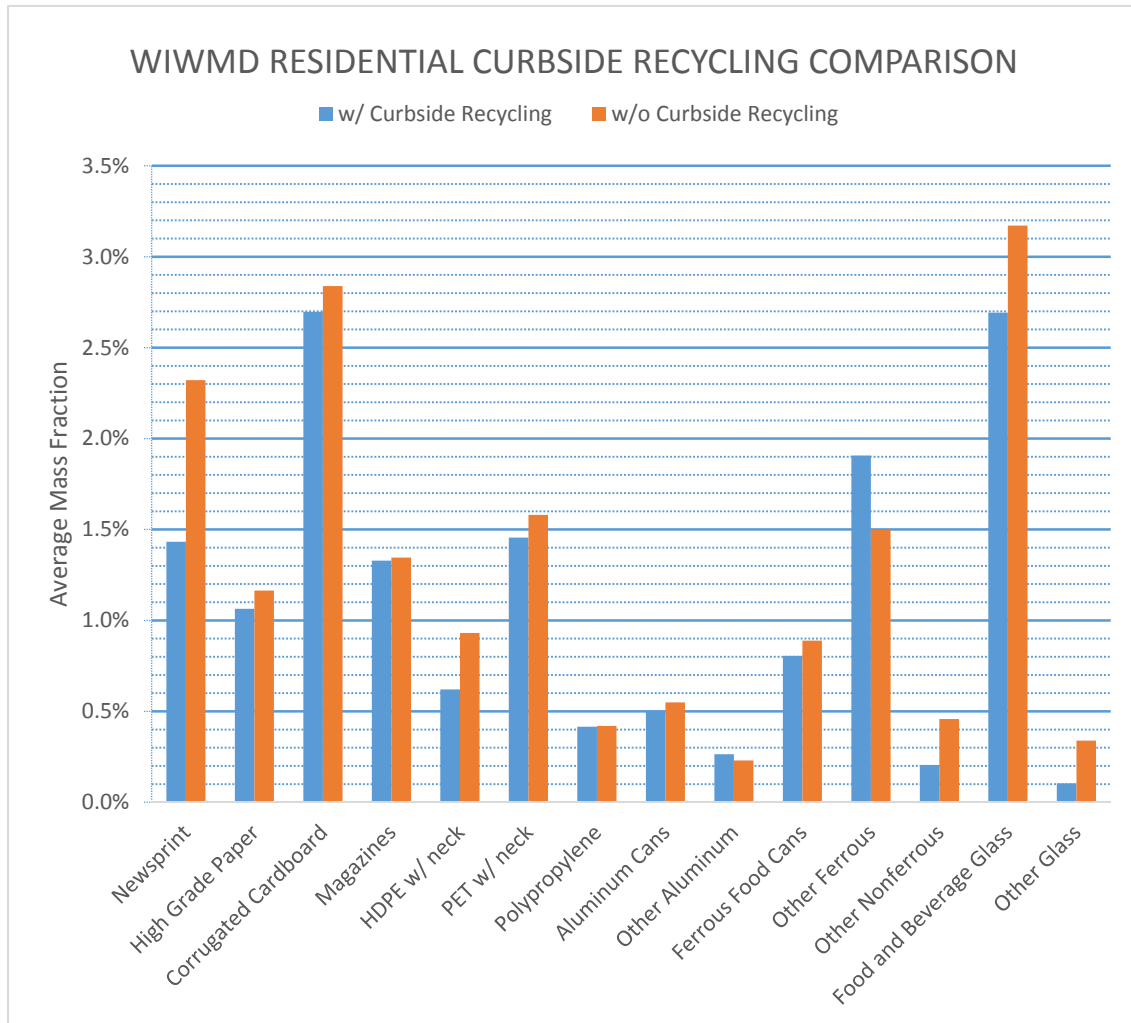
5.1 Comparison: Commercial to Residential

As previously noted, the term “Commercial”, when used in this context, means that the waste was delivered to the facility in a front-loader truck; a collection approach that is typically used to serve apartment building, condominiums, and other multi-family dwellings as well as offices, small retail outlets, and other commercial enterprises. As such, the waste composition, while differing somewhat from a strictly residential source, exhibits some characteristics that are consistent with domestic waste generation. Since one objective of the study was to provide supporting data pursuant to possible waste management facility improvements, and the waste delivered in front-loader collection vehicles (aka “commercial waste”) would most likely be included in such a project, a comparison of the Commercial-to-Residential data is provided.



5.2 Comparison: Curbside Recycling to Single Container

Based upon the data currently available, the presence of a curbside recycling program results in lesser, but not significantly lesser, amounts of recyclable waste materials.

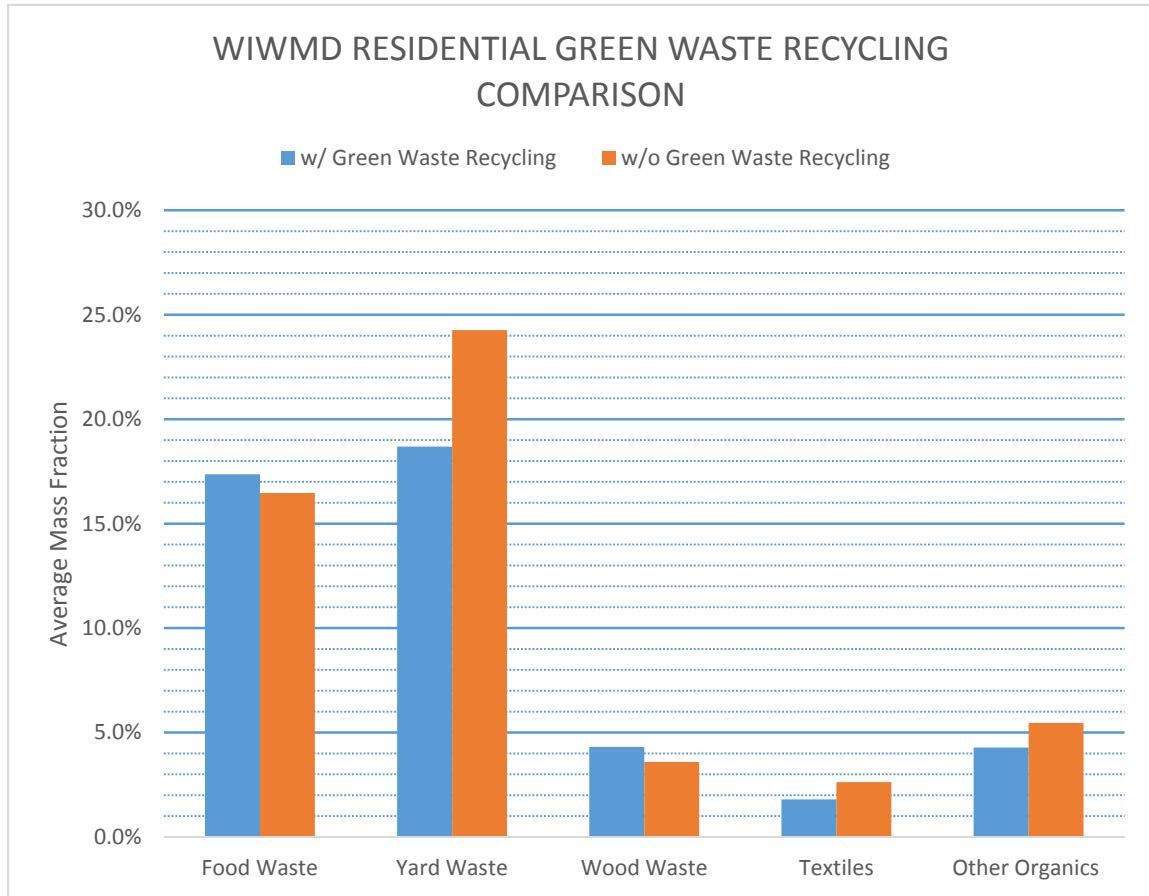


5.3 Comparison: Greenwaste Collection to Single Container

While the principal objective of this comparison is to evaluate the diversion success of green-waste programs, data relating to all organic waste was compared.

Based upon the data currently available, the presence of a green-waste diversion program results in lesser, but not significantly lesser, amounts of yard-waste materials.

All other sub-categories of organic waste appear to be of typical proportion, and show little differentiation due to diversion programs.



6.0 Recommendations

This waste composition study, the first such study conducted within the WIWMD, and perhaps the first in the State of Utah, yields valuable information that can be used to measure the success of existing WIWMD programs, and provide guidance pursuant to the development of strategic plans. It is recommended that WIWMD consider the following actions:

- Share with, and discuss, the contents of this report with those member communities where yard-waste diversion and curbside recycling programs are in operation, looking for possible illuminating factors related to the efficacy of those programs.
- Use the data contained herein to update the financial analyses being used to study the feasibility of mixed-waste processing.
- Construct composite samples, based upon the results of this study, for proximate and ultimate fuel analyses.
- Conduct at least one additional waste composition study during winter conditions, and consider an ongoing program of waste composition evaluations.

7.0 Appendices

Appendix A: Waste Characterization Study Procedure Manual

Appendix B: Waste Sort Data - Compiled

Appendix C: Waste Sort Field Data



Waste Characterization Study Procedure Manual

For
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RRC

11282 - 86th Avenue North
Maple Grove, MN 55369

612.225.1240 | www.RRCcompanies.com

July 29, 2015

Waste Characterization Study Procedure Manual
For
Wasatch Integrated Waste Management District (WIWMD)

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- 1.0 Executive Summary
- 2.0 Sample Planning & Summary
- 3.0 Sample Crew & Safety
- 4.0 Sample Equipment
- 5.0 Sample Documentation
- 6.0 Sample Selection
- 7.0 Sample Collection & Sorting
- 8.0 Data Collection & Review

Appendices

Appendix A

Appendix B



1.0 Executive Summary

The Wasatch Integrated Waste Management District (WIWMD) wishes to characterize the solid waste stream that is being delivered to its facilities. The purposes of this characterization effort include collection data on:

- General information on types of waste being generated
- Effectiveness of source separation efforts for recyclable materials
- Effectiveness of yard waste diversion programs
- The possible presence of household hazardous waste
- Information on the physical characteristics (i.e. particle size) of the stream

This document contains the methods that will be used to collect and evaluate the relevant data, including guidance and clarification on the categories of waste that will be sorted.

This procedure is generally based upon the sampling methods described in U.S. Environmental Protection Agency (EPA) publication SW-846, entitled *"Test Methods for Evaluating Solid Waste, Physical/Chemical Methods"*, and American Society for Testing and Materials (ASTM) Method D5231-95 (Reapproved 2008) *"Standard Test Method for Determination of the Composition of Unprocessed Municipal Solid Waste."* Modifications to the procedures and definitions have been incorporated to address the location-specific objectives and constraints of the WIWMD system.

2.0 Sample Planning & Scheduling

The sampling shall be conducted over a period of time that includes the typical variations in amount and type of waste that are received. In general, a one-week sample period is sufficient to provide a representative sampling event. The period chosen has been based upon a review by WIWMD and RRC of historical waste receiving data at the relevant facility.

While sampling will be predominantly random, some targeted data is required in order to evaluate the effectiveness of source diversion efforts (e.g. yard-waste, source separation of recyclables, location-specific composition data, etc.). Historical waste receiving data has been reviewed by WIWMD and RRC to determine the specifics of this focused sampling. Caution must be exercised to follow the information provided below to ensure that such focused data does not skew the representative cross-section of total waste evaluated.

3.0 Sample Crew & Safety

Sampling shall be conducted by an experienced sorting crew trained in the use of this procedure. The sorting crew shall be trained in, and demonstrate knowledge of, the safety hazards inherent in handling municipal solid waste. At a minimum the following safety equipment shall be used at all times that waste is being handled:



- Latex or nitrile gloves worn under leather (or similar) gloves
- Safety glasses
- Protective clothing (coveralls, apron, etc.)
- High visibility shirts or vests
- Hard hats

The SL shall be provided with an overview of any facility safety procedures that may be applicable during the sort, including a means to report an incident, and to obtain immediate assistance in case of accident. The SL shall communicate this information to the sort crew.

The Sort Crew Leader (SL) shall be provided an introduction to, and orientation with, the facility Scale House Operator (SO), and the operator of a front-end loader (LO) designated to support the waste sort. A means of direct communication between the SL, the SO, and the LO shall be provided and operable at all times that the sort is in operation.

4.0 Sample Equipment

A sorting area will be set up in a sheltered location convenient to the facility receiving area and accessible by the front-end loader. All of the equipment necessary to conduct the sort will be located in this sort area.

The following equipment, at a minimum, shall be used to conduct the sort:

- A sort table
- One 2" screen
- One ¼" screen
- Containers for each category of waste (appropriately labeled)
- One scale (mechanical or electronic with minimum 250 pound capacity, and 0.1 pound precision)
- Shovels, rakes, brooms, buckets, and related hand tools to handle waste
- A magnet (used to test for ferrous metals)

5.0 Sample Documentation

All data collected during the waste sort will be recorded on data collection forms. (See Appendix A). Three forms shall be used:

- Oversized & Problem Materials
- 2" Plus Waste
- 2" Minus Waste

The forms shall be used in the manner described below.

6.0 Sample Selection

At least forty (40) samples, of approximately two hundred (200) pounds each, shall be sorted during the study period.

The waste deliveries that will be sampled shall be primarily from municipal/household sources. (These deliveries are most representative of the type of waste typically delivered to the Energy Recovery Facility (ERF), and typical of what would be delivered to any new processing facilities: most commercial and industrial loads contain oversized and problem materials, which are diverted to the landfill.)

Care shall be taken to ensure that municipal/household loads from the cities of Clinton, Kaysville, Layton, and Syracuse are included in the sampling. (Other cities may be designated for sampling at the discretion of WIWMD staff during the course of the sample event.) Targeted sampling from these cities shall be in proportion to their contribution to the total volume of delivery with at least the following targeted samples being collected:

- Clinton 1 truck
- Kaysville 1 truck
- Layton 4 trucks
- Syracuse 1 truck

These specific data points shall be captured so that an analysis of the efficacy of source separation efforts can be conducted.

In addition to the household municipal loads collected, at least four (4) commercial front-loader trucks shall be sampled (from any source) during the sample event.

All source information shall be recorded on data collection forms.

In general, the selection of trucks for sampling shall be at random with any municipal/household compactor truck crossing the scale at the time of need being selected.

7.0 Sample Collection & Sorting

The SL shall communicate the imminent need for a truck to the LO and the SO. The SO shall ensure that the truck is from a source designated above, record the relevant source data, and direct the truck to a hard-surfaced pad (designated by WIWMD) where it will be dumped.

Every effort shall be made to communicate and coordinate with the truck driver to dump the load in such a fashion as to produce a linear pile (i.e. a windrow) at least twenty feet (20') in length.

The LO will collect a grab sample by cutting a cross-section thru the mid-point of the windrow. This sample shall be provided to the sort crew for sorting (along with source data if such is collected by the LO).

At the sort area the sample shall be deposited on an impervious surface (concrete, bituminous, etc.) as directed by the SL. This area shall be swept clean between each sample.

The SL and LO shall coordinate their efforts to ensure that the grab samples contain at least 200 pounds of waste.

Depending upon the weight of each grab sample, the waste may be sub-divided in such a way as to produce sub-sample of ~200 pounds.

Preliminary sorting will take place during the transfer of waste to the sample table. During transfer, any oversized and/or problem wastes shall be pulled out of the sample and set aside. Articles in this pile shall be documented on the "Oversized & Problem Materials" data sheet, noting the type of waste, and the approximate weight for all articles of that type. For Oversized & Problem Materials that are not listed on the data form, note a brief description of the article(s), and include the approximate weight. Examples of Over-sized & Problem Materials are provided in the waste definitions provided in Appendix B.

The final sample, minus the Oversized & Problem Materials, shall be transferred, using shovels, buckets, etc., to the sort table in batches suitable for effective sorting (typically six to eight inches in depth).

Detailed sorting will commence with the waste being deposited on a screen having two-inch (2") openings (2"x 2" square). Each particle of waste shall be removed and deposited in a container designated, and labeled, for that particular category of waste. Sorting shall continue until all of the waste that has a particle size greater than two inches (2" Plus) has been sorted. The containers holding the various categories of 2" Plus waste shall be weighed, and the data recorded on the 2" Plus data form.

Note: The container tare weights shall be determined before sampling on each day of the sample event, and the information recorded in the appropriate data collection forms.

Sorting shall continue with the waste being deposited on a screen having one-quarter inch openings (1/4"x 1/4" square). Sorting continues in the same fashion as described above, with the resulting data recorded on the 2" Minus data collection form.

When the 2" Minus sample is sorted to the point of having particles too small to sort by hand, the sorting will be stopped. The sorting area will then be swept and all remaining particles will be put on the sorting table. The remaining particles will be visually examined and subjectively divided into the appropriate categories (Other Organic or Other Inorganic) for recording. The fines shall then be weighed and proportioned accordingly. In addition, the total weight of fines shall be recorded in the designated cell of the 2" Minus data form.

After the sorting has been completed the waste shall be deposited in a convenient location, or container, designated by WIWMD so that the LO can collect and dispose of it.

8.0 Data Collection & Review

The data collection forms shall be checked for completeness and accuracy at the completion of each batch sort, and stored in a safe location. All data forms shall be provided to, and reviewed with, RRC and WIWMD each day to ensure that the effort is effective, that the targeted loads are being sampled, and that any modifications to this procedure that may be necessary can be affected.

RRC Waste Composition Data Sheet

Master



Client Facility: _____

Sample No: _____

Sample Date: _____

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus



Client Facility: _____

Sample No: _____

Sample Date: _____

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus



Client Facility: _____

Sample No: _____

Sample Date: _____

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

NOTES: _____

Appendix B

Waste Categories

PAPER

- Newsprint
- High Grade Paper
- Corrugated Cardboard
- Magazines
- Other Paper

PLASTICS

- HDPE Bottles with a neck (except motor oil bottles)
- PET Bottles with a neck
- Plastic Film
- Polypropylene
- Other Plastics

ORGANIC MATERIALS

- Food
- Yard Waste
- Wood Waste
- Textiles
- Other Organics

INORGANIC MATERIALS

- Small Electronic Appliances
- Alkaline Batteries
- Other Batteries
- Other Inorganics

METALS

- Aluminum Cans
- Other Aluminum
- Ferrous Food Cans
- Other Ferrous
- Other Nonferrous

GLASS

- Food and Beverage Glass
- Other Glass

OTHER

- Medical Waste
- Household Hazardous Waste

Waste Definitions & Examples

Paper

Newsprint: printed pulpwood newsprint. Includes glossy advertisements typically found in newspapers. Examples: Newspapers or newsprint.

High Grade Paper: paper normally used in offices, primarily white and colored writing stock.

Examples: bond, computer paper, index cards, computer cards, 8 1/2 by 11 inch notebook paper, xerographic and typing paper, pastel colored paper, notebook paper, manila file folders, envelopes, white cash register receipts, 3M post-it notes, carbonless paper, and fax paper (except silver)

Notes:

- o High-grade envelopes with moisture-sensitive labels belong in High Grade Paper
- o If the envelopes are covered with pressure-sensitive labels, they go into Other Paper
- o Wet high-grade paper is still high-grade paper
- o Kraft paper (brown)-envelopes go into Other Paper

Corrugated Cardboard: cardboard with a wavy core. Examples: corrugated boxes and sheets.

Notes:

- o Non-waxed corrugated cardboard only; waxed cardboard goes in Other Paper
- o Corrugated with Styrofoam attached (that cannot be removed) goes in Other Paper
- o Craft paper (e.g. shopping bags, brown-paper wrapping) goes in other paper

Magazines/Catalogs: periodicals or bound, printed material intended to be discarded after a certain date. Examples: bound glossy magazines, circulars, posters, and catalogs.

Notes:

- o Books belong in other paper

Other Paper: all paper that does not fit into the categories above. Examples: construction paper, craft paper, books, phone books, non-corrugated paperboard, carbon paper, tissue paper, waxed paper, waxed cardboard, paper with tape or adhesive labels, brightly colored papers, tablets with colored glue binding, envelopes with windows, paper cups, paper towels, rolls for paper towels and toilet paper, napkins, chipboard boxes (cereal, pop and beer boxes), wrapping paper, greeting cards, coffee filters, ice cream cartons, coloring books, popcorn bags, cigarette boxes, Kraft mailing envelopes, playing cards, paper plates, glossy brochures, milk cartons and pull tabs.

Notes:

- o Any paper that falls into one of the above categories, and which might have been recycled, but was not due to contamination, goes into Other Paper. Examples include paper used to dispose of chewing gum, paper sprayed with paint or used as a birdcage liner. If it would take an effort to make the paper recyclable, put it into the Other Paper category
- o Tyvek envelopes are not Other Paper and belong in the Other Organics category

Plastics

HDPE (#2) Bottles and Jars: high-density polyethylene bottles with a neck. Examples: jugs, jars and bottles used for detergent, milk, windshield-washer fluid, juice, rubbing alcohol, spring water, vinegar, some shampoo, antifreeze, and bleach.

Notes:

- o Container has opaque or translucent matte finish
- o Look for the label (2) on the bottom of the container
- o Does not include motor oil bottles; these go in other plastics
- o HDPE (2) margarine and dairy tubs or any #2 container other than bottles with a neck go in the Other Plastics barrel

PET (#1) Bottles with a neck: clear and colored plastic beverage bottles composed of polyethylene terephthalate. Examples: pop bottles, some dish washing soaps, liquor and toiletries.

Notes:

- o Look for the label (1) on the bottom of the container
- o Clear plastic pop bottles are always PET
- o All PET containers without a neck go into Other Plastics

Plastic Film: flexible plastic film regardless of resin type or color. Examples: garbage bags, bread bags, snack bags, plastic grocery bags, food wrappings, pallet wrap, and shrink-wrap.

Notes:

- o All film goes into this category. This includes plastic bags labeled as HDPE.

Polypropylene (#5): dense, semi-durable resin used in containers for food and other consumer products. Examples: yogurt containers, some beverage containers, microwave safe storage containers.

Notes:

- o Look for the label (5) on the bottom of the container.

Other Plastics: any plastic articles not defined above. Examples: carry-out containers, meat and produce trays, foam coffee cups, foam egg cartons, Styrofoam insulation, cookie and muffin trays, most fast food cutlery, plastic bottle caps, 6-pack rings, dairy and margarine containers, toys, and motor oil bottles.

Notes:

- o Includes: PVC (3), LDPE (4), PS (6), other plastic (7) and any unidentifiable plastics
- o Include motor oil bottles
- o Plastic bottle caps and lids are always Other Plastics

Organics

Food Waste: putrescible materials from food preparation and consumption. Examples: kitchen waste, food scraps, and spoiled food.

Notes:

- o Food waste may be liquid or solid
- o Butchering and processing wastes go into Food Waste

Yard Wastes: woody and non-woody naturally occurring vegetative material from gardens and lawn maintenance. Examples: grass, leaves, weeds, cut flowers, small garden vines.

Notes:

- o Brush, tree trimmings, logs, and firewood go into Wood Waste

Wood Waste: treated and untreated lumber from new construction, remodeling and demolition; durable goods; brush and tree waste. Examples: lumber, boards, wooden furniture, boards, plywood, logs, firewood, and brush.

Textiles: woven fabric (natural or synthetic), either bulk or made into usable products. Examples: clothing, upholstery, curtains, linens, rugs, canvas bags, fabric, yarn.

Notes:

- o Does not include carpet and padding; these go into Oversized & Problem Waste

Other Organics items that do not fall into any other category and are composed of carbon based material. Carbon-based materials include those items made of natural substances that, when left exposed to the natural elements, would eventually decompose. Some materials in this category are resistant to decomposition such as rubber and hair. Examples: leather, rubber, pet waste, disposable diapers, rugs made from hemp or jute, baskets and furniture of willow or bamboo, hair, shoes, feminine protection items.

Inorganics

Small Electric Appliances: all electric and electronic appliances other than major appliances. Examples: cell phones, electric watches, toasters, toaster ovens, mixers, blow driers, food processors and rechargeable items such as flashlights, dust busters, toys, etc.

Notes:

- o Includes small E-waste articles
- o Does not include Major Appliances (recorded on Oversize & Problem form)
- o Does not include large E-Waste such as computers, monitors, computer hard drives, and TVs (recorded on Oversize & Problem form)
- o If a small appliance contains a battery, do not disassemble the device, include the battery as a small appliance

Alkaline Batteries: Common cylindrical cells (AAA, AA, A, B, C, D), and rectangular cells (9V).

Other Batteries: Any non-alkaline batteries. Examples: button batteries, lithium batteries, lead-acid batteries, NiCad batteries, zinc-air batteries.

Other Inorganics: Any inorganic articles that do not fall into any of the defined categories. Examples: rocks, concrete, cement, bricks, dirt, plaster, drywall, asphalt, shingles, ceramics, porcelain, kitty litter (clay), and small fragments of inorganic material passing through the sort screen.

Notes:

- o Inorganics are composed of inert materials, which would not decompose when left to the natural elements.
- o Inorganics includes inseparable inorganic composite items not listed under small electronic appliances, such as electrical components.

Metals

Aluminum Cans: aluminum beverage containers. Examples: beer cans, pop cans, etc.

Other Aluminum: non-beverage container aluminum. Examples: aluminum foil, aluminum siding, aluminum lawn chairs, and other recognizable aluminum.

Notes:

- o If the material is not recognizable aluminum and is not attracted by a magnet, it belongs in Other Nonferrous.

Ferrous Food Cans: food containers and beverage containers made primarily of steel. Examples: food cans, pet food cans.

Notes:

- o Often referred to as "tin cans."
- o Bi-metal food cans (cans made from aluminum and steel) go in ferrous barrel.

Other Ferrous: ferrous scrap other than food cans.

Notes:

- o Anything that doesn't fit the other metal categories, and which exhibits magnetic properties.

Other Nonferrous: all metals that do not fit into another metals category, and which does not exhibit magnetic properties, and which are not recognized as aluminum.

Glass

Food and Beverage Glass: glass, regardless of color, that was made to contain a food or beverage. Examples: pop, soda, wine, liquor, juice, beer bottles and food Jars.

Notes:

- o All colors of food and beverage containers go into this category.

- o If the glass is broken and is not 100 percent identifiable as Food and Beverage Glass, it belongs in Other Glass.

Other Glass: glass that was not originally a food or beverage container, and other kinds of recognizable glass products. Examples: window glass, mirrors, incandescent light bulbs, windshields, glass fragments, and fiberglass insulation.

Other

Medical Waste: materials originating from laboratory or medical facilities. Examples: sharps (e.g. needles and scalpel blades), pipettes, discarded glass or rigid plastic vials, dressings, waste cultures, blood (or items dripping with blood or blood products), research animal waste, regulated human body fluids.

Notes:

- o Single syringes are common in mixed municipal solid waste. For this reason, hands should not be plunged into the garbage or be used to push the garbage around. If a syringe is found, the sorter finding it should announce this to the other workers at the table. When the crew has been alerted, carefully remove the syringe to the other plastic barrel.

Household Hazardous Waste: waste materials that are labeled with any of the following terms: DANGER, POISON, CAUTION, TOXIC, CORROSIVE, FLAMMABLE, or RADIOACTIVE. Examples: acids, bases, solvents, fuels, pesticides, oxidizers, organic peroxide, ink sludge, or paints. All aerosols regardless of content including propane cylinders.

Notes:

- o If propane cylinders are obviously empty, such as the fill valve has been removed or the cylinder contains a hole, the cylinder may be placed in the ferrous metal barrel.

Special/Problem Wastes: any articles that, due to their size, shape, or composition might require special disposal requirements.

Examples: Large Appliances (clothes washers and driers, dishwashers, water heaters, heat pumps, furnaces, garbage disposals, trash compactors, dehumidifiers, conventional and microwave ovens, ranges, stoves, air conditioners, refrigerators, and freezers), used motor oil and oil filters, anti-freeze, asbestos, thermometers, thermostats, fluorescent light tubes, transformers/capacitors, items that contain mercury, or a mercury switch

Notes:

- o Oversized/Problem materials separated in the first stage of sorting will be recorded on the Oversized & Problem Materials data sheet.

**WIWMD WASTE CHARACTERIZATION RESULTS: ALL WASTE
(AVERAGE MASS FRACTION)**

Sample No.:	1	2	3	4	5	6	7	8	9	10	11	12	13
Date:	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/4/2015	8/4/2015
Collection Company:	Robinson	WM	Ace	WM	WM	Robinson	WM	WM	Ace	Ace Disposal	Ace Disposal	Robinson	Robinson
Truck No.:	127	103446	494	102881	102728	120	102882	101880	462	485	456	306	117
Collection Locaton:	Morgan County	Layton	West Bountiful	Layton	Clearfield	South Weber	Layton	Layton	Layton	Centerville	West Bountiful	Front Loader	South Weber
Truck Type:	20 - Side Loader	20 - Side Loader	20- Side Loader	20 - Side Loader	2 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	21 - Front Loader	20 - Side Loader
Curbside Recycling:	no	no	yes	no	no	no	no	no	no	no	no	no	no
Greenwaste Recycling:	no	no	no	no	no	no	no	no	no	no	no	no	no

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%
Paper	Newsprint	2.6%	1.9%	1.7%	0.8%	2.0%	4.6%	1.3%	1.0%	1.9%	3.7%	0.4%	0.3%	2.2%			
	High Grade Paper	1.6%	1.2%	1.0%	2.9%	1.8%	1.7%	0.2%	1.1%	0.2%	1.8%	0.4%	1.8%	1.0%			
	Corrugated Cardboard	2.1%	3.5%	0.4%	3.3%	3.5%	3.5%	1.2%	2.8%	1.1%	4.0%	1.2%	6.9%	1.7%			
	Magazines	1.2%	0.4%	1.5%	0.7%	0.4%	3.9%	2.7%	0.6%	0.1%	1.8%	0.7%	0.4%	3.9%			
	Other Paper	10.9%	9.3%	13.0%	10.5%	23.4%	15.3%	6.5%	16.7%	10.4%	15.4%	11.7%	27.9%	14.9%			
	Subtotal Paper	18.4%	16.3%	17.6%	18.3%	31.1%	29.1%	11.9%	22.3%	13.7%	26.6%	14.4%	37.2%	23.7%			
Plastics	HDPE w/ neck	0.5%	0.9%	0.2%	0.5%	1.4%	1.1%	1.2%	1.1%	0.5%	1.6%	1.1%	3.4%	0.9%			
	PET w/ neck	1.3%	1.1%	0.8%	0.6%	2.1%	2.2%	0.6%	2.3%	2.4%	1.3%	1.5%	1.3%	2.6%			
	Plastic Film	4.7%	4.3%	6.2%	2.6%	5.7%	5.4%	2.7%	6.8%	4.1%	4.4%	3.6%	10.1%	19.8%			
	Polypropylene	0.2%	0.1%	0.2%	0.3%	0.6%	0.4%	0.4%	0.9%	0.3%	0.3%	0.3%	0.2%	0.6%			
	Other Plastics	9.9%	12.9%	5.4%	4.9%	7.2%	4.6%	2.7%	5.6%	3.9%	4.4%	6.2%	14.8%	2.8%			
	Subtotal Plastics	16.6%	19.3%	12.8%	8.9%	16.9%	13.8%	7.6%	16.6%	11.2%	12.0%	12.6%	29.8%	26.7%			
Organics	Food Waste	26.7%	13.5%	17.9%	17.4%	10.5%	21.3%	18.3%	22.7%	23.2%	20.9%	10.3%	18.9%	20.9%			
	Yard Waste	19.9%	43.4%	37.8%	10.9%	7.8%	9.2%	33.6%	5.8%	39.5%	13.5%	17.9%	0.0%	11.3%			
	Wood Waste	1.8%	0.6%	2.7%	16.9%	8.6%	0.7%	0.4%	3.8%	1.1%	0.1%	4.2%	0.7%	0.2%			
	Textiles	1.5%	2.8%	0.9%	1.0%	15.9%	0.7%	0.5%	1.6%	0.6%	0.7%	7.7%	2.1%	1.3%			
	Other Organics	8.0%	0.8%	5.0%	2.3%	3.3%	10.0%	2.3%	22.0%	1.1%	8.8%	14.4%	5.1%	2.2%			
	Subtotal Organics	58.0%	61.0%	64.3%	48.4%	46.1%	42.0%	55.0%	56.0%	65.5%	44.1%	54.5%	26.8%	36.0%			
Inorganics	Small Electronic Appliances	1.6%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.9%	1.0%	0.0%	1.0%	0.0%	0.0%			
	Alkaline Batteries	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.0%	0.2%			
	Other Batteries	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%			
	Other Inorganics	0.4%	0.0%	3.8%	21.1%	0.4%	8.0%	17.3%	0.0%	2.2%	11.4%	5.3%	0.7%	4.2%			
	Subtotal Inorganics	2.0%	0.2%	3.8%	21.1%	1.0%	8.1%	17.3%	0.9%	3.2%	11.4%	6.7%	0.8%	4.4%			
Metals	Aluminum Cans	0.6%	0.3%	0.4%	0.4%	0.9%	0.7%	0.1%	0.8%	0.6%	0.4%	1.0%	0.3%	0.8%			
	Other Aluminum	0.1%	0.1%	0.2%	0.1%	0.3%	0.3%	0.1%	0.3%	0.2%	0.1%	0.4%	0.0%	0.4%			
	Ferrous Food Cans	0.9%	0.8%	0.4%	1.2%	0.0%	1.1%	0.5%	0.8%	1.5%	0.4%	1.2%	2.7%	0.7%			
	Other Ferrous	0.6%	0.9%	0.3%	0.1%	0.9%	0.9%	5.8%	0.1%	0.1%	2.2%	2.4%	0.0%	0.4%			
	Other Nonferrous	0.0%	0.0%	0.1%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.2%	0.0%	0.0%			
	Subtotal Metals	2.2%	2.2%	1.3%	1.8%	3.1%	3.0%	6.4%	2.0%	2.4%	5.2%	5.3%	3.1%	2.4%			
Glass	Food and Beverage Glass	2.7%	0.9%	0.1%	1.3%	1.3%	3.9%	1.1%	2.2%	3.8%	0.6%	3.6%	0.6%	2.5%			
	Other Glass	0.0%	0.0%	0.0%	0.3%	0.5%	0.2%	0.7%	0.0%	0.2%	0.1%	0.8%	1.8%	0.3%			
	Subtotal Glass	2.7%	0.9%	0.2%	1.6%	1.7%	4.1%	1.8%	2.2%	4.0%	0.7%	4.4%	2.4%	2.7%			
Other	Medical Waste	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%			
	Hazardous Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.0%	0.0%			
	Tires	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%			
	Carpet & Padding	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%			
	Appliances & Furniture	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.1%			
	Special/Problem Waste	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%			
	Subtotal Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.1%			
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			

**WIWMD WASTE CHARACTERIZATION RESULTS: ALL WASTE
(AVERAGE MASS FRACTION)**

Sample No.:	14	15	16	17	18	19	20	21	22	23	24	25	26
Date:	8/4/2015	8/4/2015	8/4/2015	8/4/2015	8/4/2015	8/4/2015	8/4/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015
Collection Company:	Waste Management	Waste Management	A-1 Disposal	Ace Disposal	Robinson	Waste Management	Waste Management	Robinson	Econowaste	Waste Management	Ace	Robinson	Waste Management
Truck No.:	102728	103090	103	145	308	102719	103446	308	106	103446	485	485	102719
Collection Location:	Clearfield	Woods Cross City	Front Loader	Front Loader	HAFB	Layton	North Salt Lake	HAFB	Sunset	Layton	Centerville	Clinton	Woods Cross
Truck Type:	20 - Side Loader	20 - Side Loader	21 - Front Loader	21 - Front Loader	21 - Front Loader	20 - Side Loader	20 - Side Loader	21 - Front Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	no	yes				no	yes		yes	no	yes	no	yes
Greenwaste Recycling:	no	yes				no	no		yes	no	yes	no	yes

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%
Paper	Newsprint	2.0%	0.4%	0.0%	0.7%	3.1%	2.6%	2.9%	3.0%	1.0%	4.8%	1.6%	0.2%	0.5%		
	High Grade Paper	1.6%	0.3%	0.2%	5.8%	6.1%	0.8%	0.8%	2.5%	0.9%	1.3%	1.3%	0.4%	1.6%		
	Corrugated Cardboard	1.6%	0.7%	4.8%	13.2%	14.1%	3.0%	16.5%	13.8%	1.9%	3.7%	3.0%	1.1%	1.9%		
	Magazines	1.4%	2.1%	0.3%	1.4%	0.0%	0.7%	1.2%	1.3%	0.3%	0.9%	3.4%	0.0%	1.3%		
	Other Paper	29.4%	16.5%	22.7%	12.2%	26.7%	15.4%	15.3%	31.1%	11.6%	16.2%	15.8%	6.3%	17.0%		
	Subtotal Paper	36.0%	20.1%	28.0%	33.3%	50.0%	22.5%	36.7%	51.7%	15.7%	26.9%	25.0%	8.0%	22.2%		
Plastics	HDPE w/ neck	1.9%	0.7%	0.0%	0.4%	0.1%	0.9%	0.7%	0.4%	0.5%	1.2%	0.4%	0.4%	0.7%		
	PET w/ neck	1.3%	1.6%	1.9%	2.3%	2.4%	1.7%	1.0%	2.2%	1.7%	1.6%	1.4%	0.4%	1.7%		
	Plastic Film	5.4%	4.1%	7.3%	5.5%	10.4%	4.8%	5.1%	6.7%	3.6%	4.6%	4.6%	2.1%	6.8%		
	Polypropylene	0.4%	0.4%	1.1%	0.4%	1.0%	0.7%	0.4%	1.6%	0.4%	0.5%	0.3%	0.2%	0.4%		
	Other Plastics	9.7%	2.3%	6.3%	3.7%	10.0%	4.0%	6.6%	14.1%	5.1%	12.0%	4.7%	4.4%	6.8%		
	Subtotal Plastics	18.8%	9.1%	16.7%	12.3%	23.9%	12.0%	13.8%	25.0%	11.4%	20.0%	11.5%	7.5%	16.4%		
Organics	Food Waste	13.5%	25.2%	13.4%	6.5%	5.6%	2.4%	12.8%	13.0%	23.3%	12.4%	15.8%	6.2%	28.7%		
	Yard Waste	2.5%	4.9%	0.0%	2.0%	0.0%	54.0%	13.9%	0.2%	18.0%	9.5%	36.1%	67.6%	0.1%		
	Wood Waste	2.0%	21.9%	24.6%	0.0%	1.9%	0.5%	0.8%	0.0%	0.5%	1.0%	2.2%	0.9%	1.3%		
	Textiles	2.1%	3.5%	0.0%	5.2%	0.8%	1.1%	0.5%	0.4%	0.5%	7.4%	0.2%	0.5%	0.9%		
	Other Organics	13.2%	5.2%	1.4%	3.7%	7.6%	3.6%	7.1%	4.4%	3.9%	2.8%	4.1%	1.4%	6.7%		
	Subtotal Organics	33.3%	60.7%	39.5%	17.5%	15.9%	61.6%	35.1%	17.9%	46.3%	33.0%	58.3%	76.5%	37.9%		
Inorganics	Small Electronic Appliances	1.3%	2.3%	0.0%	0.0%	0.9%	0.3%	0.8%	1.1%	0.4%	0.3%	0.0%	0.0%	5.7%		
	Alkaline Batteries	0.0%	0.1%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.1%	0.1%	0.0%	0.1%		
	Other Batteries	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%		
	Other Inorganics	1.2%	3.4%	2.4%	2.4%	2.4%	1.3%	3.3%	0.0%	1.3%	2.6%	0.0%	2.1%	5.9%		
	Subtotal Inorganics	2.6%	5.8%	2.4%	2.5%	3.3%	1.6%	4.1%	1.1%	1.9%	2.9%	0.2%	2.1%	11.7%		
Metals	Aluminum Cans	0.9%	0.6%	1.1%	1.2%	0.0%	0.2%	0.5%	1.7%	2.0%	0.8%	0.5%	0.1%	0.5%		
	Other Aluminum	0.2%	0.5%	0.0%	0.0%	2.3%	0.6%	0.7%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%		
	Ferrous Food Cans	0.8%	0.4%	0.5%	0.6%	0.2%	0.6%	2.9%	0.2%	0.9%	1.0%	0.6%	1.2%	0.9%		
	Other Ferrous	2.3%	2.5%	0.5%	0.5%	2.1%	0.0%	0.1%	0.8%	3.3%	5.4%	0.4%	0.1%	0.4%		
	Other Nonferrous	1.0%	0.1%	0.0%	0.9%	0.9%	0.0%	1.4%	0.4%	0.0%	4.4%	0.0%	0.0%	0.7%		
	Subtotal Metals	5.3%	4.2%	2.2%	3.3%	5.4%	1.4%	5.6%	3.0%	6.2%	11.6%	1.7%	1.5%	2.6%		
Glass	Food and Beverage Glass	3.3%	0.0%	0.0%	1.1%	1.5%	0.8%	4.1%	1.1%	1.0%	3.3%	3.2%	4.3%	8.7%		
	Other Glass	0.3%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%	0.0%	2.4%	0.0%	0.2%	0.2%		
	Subtotal Glass	3.6%	0.1%	0.0%	1.1%	1.5%	0.9%	4.1%	1.2%	1.0%	5.7%	3.2%	4.5%	8.9%		
Other	Medical Waste	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%		
	Hazardous Waste	0.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%		
	Tires	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%		
	Carpet & Padding	0.0%	0.0%	11.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%		
	Appliances & Furniture	0.0%	0.0%	0.0%	30.0%	0.0%	0.0%	0.0%	0.0%	17.6%	0.0%	0.0%	0.0%	0.0%		
	Special/Problem Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%		
	Subtotal Other	0.4%	0.0%	11.2%	30.0%	0.0%	0.0%	0.7%	0.2%	17.6%	0.0%	0.0%	0.0%	0.3%		
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		

**WIWMD WASTE CHARACTERIZATION RESULTS: ALL WASTE
(AVERAGE MASS FRACTION)**

Sample No.:	27	28	29	30	31	32	33	34	35	36	37	38	39
Date:	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/6/2015	8/6/2015	8/6/2015	8/6/2015	8/6/2015	8/6/2015	8/6/2015
Collection Company:	Robinson	Robinson	Robinson	Robinson	Waste Management Ace	Robinson	Robinson	Robinson	Robinson	Waste Management	Robinson	Robinson	Waste Management
Truck No.:	128	112	130	307	103003	468	306	308	120	103003	129	0	102719
Collection Location:	Clinton	Farmington	Syracuse	Commercial	Woods Cross	Centerville	Commercial	Commercial	Kaysville	North Salt Lake	Syracuse	Front Loader	Woods Cross
Truck Type:	20 - Side Loader	20 - Side Loader	20 - Side Loader	21 - Front Loader	20 - Side Loader	20 - Side Loader	21 - Front Loader	21 - Front Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	21 - Front Loader	20 - Side Loader
Curbside Recycling:	no	yes	no		yes	yes			yes	yes	no		yes
Greenwaste Recycling:	no	no	yes		yes	yes			yes	no	yes		yes

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%
Paper	Newsprint	0.8%	0.7%	5.6%	0.0%	1.6%	1.3%	3.0%	1.6%	3.2%	0.3%	4.6%	0.2%	0.9%			
	High Grade Paper	0.6%	1.5%	1.2%	3.2%	0.3%	1.7%	1.5%	1.6%	0.9%	0.6%	1.4%	0.6%	0.8%			
	Corrugated Cardboard	1.4%	1.1%	7.1%	12.5%	5.4%	0.6%	1.5%	4.0%	2.5%	1.5%	8.0%	3.3%	1.1%			
	Magazines	2.4%	0.1%	2.2%	0.0%	0.7%	0.7%	0.3%	0.0%	2.4%	0.6%	2.3%	0.2%	0.9%			
	Other Paper	8.6%	14.7%	21.1%	9.4%	12.9%	11.0%	18.3%	29.9%	18.5%	9.5%	20.4%	15.5%	11.7%			
	Subtotal Paper	13.8%	18.1%	37.2%	25.0%	21.0%	15.3%	24.6%	37.3%	27.5%	12.4%	36.7%	19.9%	15.5%			
Plastics	HDPE w/ neck	0.3%	0.3%	1.4%	0.0%	0.9%	0.3%	0.9%	0.4%	0.7%	1.0%	0.8%	1.4%	0.4%			
	PET w/ neck	0.7%	0.2%	2.8%	0.9%	1.3%	1.0%	1.8%	3.5%	1.5%	2.8%	2.3%	1.5%	1.9%			
	Plastic Film	4.6%	3.1%	5.5%	1.8%	4.1%	3.1%	6.8%	9.3%	7.8%	5.5%	5.8%	7.6%	5.1%			
	Polypropylene	0.3%	0.7%	1.0%	0.1%	0.7%	0.4%	0.9%	1.7%	0.4%	0.5%	0.8%	0.2%	0.3%			
	Other Plastics	5.5%	18.2%	7.7%	16.5%	10.3%	5.0%	7.0%	7.8%	12.8%	3.7%	6.6%	11.8%	5.8%			
	Subtotal Plastics	11.3%	22.5%	18.5%	19.3%	17.3%	9.8%	17.3%	22.7%	23.2%	13.5%	16.2%	22.4%	13.6%			
Organics	Food Waste	28.4%	3.3%	8.6%	2.3%	7.9%	16.6%	18.8%	6.1%	18.3%	24.2%	14.4%	24.7%	15.0%			
	Yard Waste	36.5%	40.0%	11.6%	0.0%	36.7%	30.2%	9.1%	0.0%	7.6%	32.0%	4.3%	4.0%	37.9%			
	Wood Waste	2.0%	0.7%	0.3%	10.7%	3.0%	5.5%	13.6%	0.8%	0.8%	0.4%	3.2%	13.2%	6.6%			
	Textiles	3.5%	2.3%	2.4%	0.5%	2.3%	2.1%	5.5%	3.8%	1.0%	0.4%	1.5%	2.7%	2.9%			
	Other Organics	0.1%	4.6%	2.9%	0.7%	3.5%	1.5%	2.2%	7.7%	1.8%	5.2%	8.0%	2.5%	3.3%			
	Subtotal Organics	70.5%	50.8%	25.9%	14.2%	53.4%	55.9%	49.2%	18.4%	29.6%	62.2%	31.4%	47.1%	65.7%			
Inorganics	Small Electronic Appliances	0.0%	1.0%	0.0%	0.0%	0.2%	0.0%	0.9%	0.6%	0.1%	0.0%	0.0%	0.0%	1.0%			
	Alkaline Batteries	0.0%	0.0%	0.2%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%			
	Other Batteries	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%			
	Other Inorganics	0.0%	4.0%	0.4%	22.6%	1.9%	4.6%	2.1%	8.4%	6.0%	6.3%	4.1%	0.1%	1.8%			
	Subtotal Inorganics	0.0%	5.0%	0.6%	22.6%	2.1%	4.7%	3.2%	9.2%	6.2%	6.3%	4.1%	0.1%	3.1%			
Metals	Aluminum Cans	0.0%	0.3%	0.9%	0.3%	0.5%	0.1%	0.4%	1.4%	0.4%	0.4%	0.7%	0.3%	0.0%			
	Other Aluminum	0.0%	0.0%	0.3%	0.0%	0.3%	0.1%	0.3%	0.0%	0.1%	0.2%	0.5%	0.0%	0.2%			
	Ferrous Food Cans	0.5%	0.3%	0.9%	0.0%	0.6%	0.8%	2.3%	0.0%	0.7%	0.3%	1.0%	0.8%	0.5%			
	Other Ferrous	1.6%	0.2%	3.1%	17.2%	0.3%	7.2%	1.2%	7.6%	0.6%	0.7%	0.5%	3.7%	0.2%			
	Other Nonferrous	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	2.5%	0.0%	0.0%	1.3%	0.1%	0.1%			
	Subtotal Metals	2.1%	0.9%	5.2%	17.6%	1.7%	8.4%	4.3%	11.5%	1.9%	1.7%	3.9%	4.9%	1.0%			
Glass	Food and Beverage Glass	2.1%	0.0%	12.3%	0.0%	4.4%	0.5%	0.9%	0.8%	2.0%	3.9%	4.0%	0.0%	0.6%			
	Other Glass	0.0%	0.4%	0.3%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.2%	0.1%	0.4%			
	Subtotal Glass	2.1%	0.4%	12.6%	0.0%	4.4%	0.5%	1.4%	0.9%	2.1%	3.9%	4.3%	0.1%	1.0%			
Other	Medical Waste	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
	Hazardous Waste	0.2%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	3.3%	5.5%	0.0%			
	Tires	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%			
	Carpet & Padding	0.0%	2.4%	0.1%	0.0%	0.0%	5.4%	0.0%	0.0%	9.5%	0.0%	0.0%	0.0%	0.0%			
	Appliances & Furniture	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%			
	Special/Problem Waste	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%			
	Subtotal Other	0.2%	2.4%	0.1%	1.2%	0.0%	5.4%	0.0%	0.0%	9.5%	0.0%	3.3%	5.5%	0.0%			
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			

**WIWMD WASTE CHARACTERIZATION RESULTS: ALL WASTE
(AVERAGE MASS FRACTION)**

Sample No.:	40	41	42	43	51	52	53	54	55	56	57
Date:	8/6/2015	8/6/2015	8/6/2015	8/6/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015
Collection Company:	Robinson	Robinson	Robinson	Ace	Robinson	Waste Management	Econo Waste	Robinson	Waste Management	Waste Management	Robinson
Truck No:	306	122	310	485	120	103446	207	120	102987	103090	127
Collection Locaton:	Commercial	Kaysville	Commercial	Centerville	Clinton	Layton	Out of District	Clinton	North Salt Lake	Layton	Farmington
Truck Type:	21 - Front Loader	20 - Side Loader	21 - Front Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	21 - Front Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:		yes		yes	no	no		no	yes	no	yes
Greenwaste Recycling:		yes		yes	no	no		no	no	no	no

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Mean	CONF INT (90%)	
																	LOWER	UPPER
Paper	Newsprint	0.0%	1.1%	0.1%	3.0%	2.1%	3.1%	0.1%	1.7%	2.5%	1.2%	0.2%	1.7%	1.4%	2.1%			
	High Grade Paper	0.3%	1.3%	3.3%	0.5%	0.4%	1.0%	2.5%	2.7%	2.1%	0.1%	1.5%	1.4%	1.2%	1.7%			
	Corrugated Cardboard	16.7%	0.0%	4.8%	2.2%	3.1%	1.1%	18.7%	0.5%	3.3%	3.9%	1.0%	4.4%	3.3%	5.5%			
	Magazines	0.0%	0.6%	0.1%	2.0%	0.5%	0.8%	0.0%	1.6%	2.3%	0.3%	1.1%	1.1%	0.9%	1.3%			
	Other Paper	14.4%	16.5%	11.1%	16.3%	14.5%	12.4%	18.4%	25.5%	10.4%	4.5%	15.1%	15.7%	14.2%	17.1%			
	Subtotal Paper	31.4%	19.5%	19.4%	24.0%	20.6%	18.4%	39.8%	32.0%	20.5%	10.1%	19.0%	24.3%	22.0%	26.6%			
Plastics	HDPE w/ neck	12.0%	0.4%	0.1%	1.1%	1.1%	0.8%	0.1%	0.8%	0.8%	0.0%	0.6%	1.0%	0.6%	1.4%			
	PET w/ neck	0.7%	1.5%	0.8%	1.4%	2.0%	1.9%	1.6%	1.8%	2.1%	0.2%	1.3%	1.6%	1.4%	1.7%			
	Plastic Film	5.0%	5.0%	4.8%	4.6%	4.6%	3.8%	5.8%	3.9%	4.2%	1.4%	5.9%	5.4%	4.7%	6.1%			
	Polypropylene	0.6%	0.6%	0.3%	0.3%	0.3%	0.5%	0.8%	0.3%	0.4%	0.0%	0.5%	0.5%	0.4%	0.6%			
	Other Plastics	8.4%	7.2%	10.2%	5.6%	7.3%	4.4%	3.9%	2.8%	6.3%	1.0%	10.7%	7.2%	6.3%	8.1%			
	Subtotal Plastics	26.7%	14.7%	16.2%	12.8%	15.2%	11.5%	12.2%	9.5%	13.9%	2.7%	19.0%	15.7%	14.4%	17.0%			
Organics	Food Waste	6.4%	18.9%	4.3%	15.7%	17.8%	19.0%	9.9%	16.8%	15.8%	4.1%	27.8%	15.3%	13.6%	17.1%			
	Yard Waste	0.4%	23.6%	16.2%	13.2%	24.7%	45.1%	2.2%	30.5%	0.2%	17.4%	6.6%	17.8%	13.8%	21.8%			
	Wood Waste	2.0%	6.1%	3.8%	0.3%	3.9%	0.2%	7.7%	0.2%	2.6%	34.5%	2.6%	4.5%	2.8%	6.1%			
	Textiles	1.6%	2.3%	0.1%	1.8%	1.4%	0.6%	0.6%	0.5%	6.0%	1.1%	5.8%	2.3%	1.6%	2.9%			
	Other Organics	6.6%	6.0%	8.6%	4.5%	6.4%	0.6%	16.6%	3.0%	3.3%	1.5%	9.1%	5.2%	4.2%	6.2%			
	Subtotal Organics	16.9%	56.9%	32.9%	35.4%	54.1%	65.5%	37.0%	50.9%	27.9%	58.6%	51.7%	45.1%	41.2%	48.9%			
Inorganics	Small Electronic Appliances	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	4.8%	0.0%	2.8%	0.0%	0.5%	0.6%	0.3%	0.9%			
	Alkaline Batteries	0.0%	0.3%	0.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%			
	Other Batteries	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%			
	Other Inorganics	16.2%	0.7%	22.3%	6.1%	0.0%	0.0%	0.0%	0.0%	31.5%	3.2%	0.9%	4.9%	3.3%	6.6%			
	Subtotal Inorganics	16.7%	1.0%	22.3%	6.2%	0.2%	0.0%	4.8%	0.0%	34.4%	3.2%	1.5%	5.6%	3.9%	7.3%			
Metals	Aluminum Cans	0.4%	0.1%	0.1%	1.0%	0.3%	0.5%	0.7%	1.0%	0.3%	0.0%	0.3%	0.6%	0.5%	0.7%			
	Other Aluminum	0.3%	0.7%	0.1%	0.3%	0.4%	0.2%	0.2%	0.3%	0.3%	0.1%	0.3%	0.3%	0.2%	0.3%			
	Ferrous Food Cans	1.4%	1.1%	0.0%	0.9%	1.0%	0.6%	1.7%	1.2%	0.3%	1.7%	1.2%	0.9%	0.7%	1.0%			
	Other Ferrous	1.6%	0.7%	0.4%	12.1%	0.5%	0.2%	0.8%	0.3%	0.8%	4.4%	0.6%	2.0%	1.2%	2.8%			
	Other Nonferrous	0.1%	0.4%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.2%	0.6%				
	Subtotal Metals	3.8%	2.9%	0.6%	14.5%	2.1%	1.6%	3.5%	2.8%	1.7%	6.2%	2.5%	4.0%	3.2%	4.8%			
Glass	Food and Beverage Glass	0.3%	3.0%	0.0%	4.0%	7.6%	2.6%	2.5%	4.6%	1.6%	1.2%	5.9%	2.4%	1.9%	3.0%			
	Other Glass	0.0%	0.2%	0.0%	0.0%	0.1%	0.4%	0.2%	0.1%	0.0%	0.2%	0.1%	0.2%	0.1%	0.3%			
	Subtotal Glass	0.3%	3.2%	0.0%	4.0%	7.7%	3.0%	2.7%	4.7%	1.7%	1.4%	6.0%	2.7%	2.1%	3.3%			
Other	Medical Waste	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%			
	Hazardous Waste	4.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.6%			
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	0.2%	0.1%	0.0%	0.1%			
	Carpet & Padding	0.0%	1.9%	8.6%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.8%	0.2%	1.4%			
	Appliances & Furniture	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	0.0%	0.0%	0.0%	15.3%	0.0%	1.4%	0.1%	2.6%			
	Special/Problem Waste	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%			
	Subtotal Other	4.2%	1.9%	8.6%	3.0%	0.0%	0.0%	0.0%	0.0%	0.0%	17.9%	0.2%	2.6%	1.2%	4.0%			
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			

**WIWMD WASTE CHARACTERIZATION RESULTS: COMMERCIAL AND APARTMENT SOURCES
(AVERAGE MASS FRACTION)**

Sample No.:	12	16	17	18	21	30	33	34	38	40	42	53
Date:	8/4/2015	8/4/2015	8/4/2015	8/4/2015	8/5/2015	8/5/2015	8/6/2015	8/6/2015	8/6/2015	8/6/2015	8/6/2015	8/7/2015
Collection Company:	Robinson	A-1 Disposal	Ace Disposal	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Robinson	Econo Waste
Truck No:	306	103	145	308	308	307	306	308	0	306	310	207
Collection Locaton:	Front Loader	Front Loader	Front Loader	HAFB	HAFB	Commercial	Commercial	Commercial	Front Loader	Commercial	Commercial	Out of District
Truck Type:	21 - Front Loader	21 - Front Loader	21 - Front Loader	21 - Front Loader	21 - Front Loader	21 - Front Loader	21 - Front Loader	21 - Front Loader	21 - Front Loader	21 - Front Loader	21 - Front Loader	21 - Front Loader
Curbside Recycling:												
Greenwaste Recycling:												

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Mean	CONF INT (90%)	
															LOWER	UPPER
Paper	Newsprint	0.3%	0.0%	0.7%	3.1%	3.0%	0.0%	3.0%	1.6%	0.2%	0.0%	0.1%	0.1%	1.0%	0.3%	1.7%
	High Grade Paper	1.8%	0.2%	5.8%	6.1%	2.5%	3.2%	1.5%	1.6%	0.6%	0.3%	3.3%	2.5%	2.5%	1.5%	3.5%
	Corrugated Cardboard	6.9%	4.8%	13.2%	14.1%	13.8%	12.5%	1.5%	4.0%	3.3%	16.7%	4.8%	18.7%	9.5%	6.5%	12.6%
	Magazines	0.4%	0.3%	1.4%	0.0%	1.3%	0.0%	0.3%	0.0%	0.2%	0.0%	0.1%	0.0%	0.3%	0.1%	0.6%
	Other Paper	27.9%	22.7%	12.2%	26.7%	31.1%	9.4%	18.3%	29.9%	15.5%	14.4%	11.1%	18.4%	19.8%	15.8%	23.8%
	Subtotal Paper	37.2%	28.0%	33.3%	50.0%	51.7%	25.0%	24.6%	37.3%	19.9%	31.4%	19.4%	39.8%	33.1%	27.6%	38.6%
Plastics	HDPE w/ neck	3.4%	0.0%	0.4%	0.1%	0.4%	0.0%	0.9%	0.4%	1.4%	12.0%	0.1%	0.1%	1.6%	0.0%	3.4%
	PET w/ neck	1.3%	1.9%	2.3%	2.4%	2.2%	0.9%	1.8%	3.5%	1.5%	0.7%	0.8%	1.6%	1.7%	1.3%	2.1%
	Plastic Film	10.1%	7.3%	5.5%	10.4%	6.7%	1.8%	6.8%	9.3%	7.6%	5.0%	4.8%	5.8%	6.8%	5.5%	8.0%
	Polypropylene	0.2%	1.1%	0.4%	1.0%	1.6%	0.1%	0.9%	1.7%	0.2%	0.6%	0.3%	0.8%	0.8%	0.5%	1.0%
	Other Plastics	14.8%	6.3%	3.7%	10.0%	14.1%	16.5%	7.0%	7.8%	11.8%	8.4%	10.2%	3.9%	9.5%	7.4%	11.7%
	Subtotal Plastics	29.8%	16.7%	12.3%	23.9%	25.0%	19.3%	17.3%	22.7%	22.4%	26.7%	16.2%	12.2%	20.4%	17.5%	23.3%
Organics	Food Waste	18.9%	13.4%	6.5%	5.6%	13.0%	2.3%	18.8%	6.1%	24.7%	6.4%	4.3%	9.9%	10.8%	7.2%	14.4%
	Yard Waste	0.0%	0.0%	2.0%	0.0%	0.2%	0.0%	9.1%	0.0%	4.0%	0.4%	16.2%	2.2%	2.8%	0.2%	5.4%
	Wood Waste	0.7%	24.6%	0.0%	1.9%	0.0%	10.7%	13.6%	0.8%	13.2%	2.0%	3.8%	7.7%	6.6%	2.6%	10.5%
	Textiles	2.1%	0.0%	5.2%	0.8%	0.4%	0.5%	5.5%	3.8%	2.7%	1.6%	0.1%	0.6%	1.9%	0.9%	3.0%
	Other Organics	5.1%	1.4%	3.7%	7.6%	4.4%	0.7%	2.2%	7.7%	2.5%	6.6%	8.6%	16.6%	5.6%	3.3%	7.8%
	Subtotal Organics	26.8%	39.5%	17.5%	15.9%	17.9%	14.2%	49.2%	18.4%	47.1%	16.9%	32.9%	37.0%	27.8%	21.1%	34.4%
Inorganics	Small Electronic Appliances	0.0%	0.0%	0.0%	0.9%	1.1%	0.0%	0.9%	0.6%	0.0%	0.5%	0.0%	4.8%	0.7%	0.0%	1.4%
	Alkaline Batteries	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
	Other Batteries	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Other Inorganics	0.7%	2.4%	2.4%	2.4%	0.0%	22.6%	2.1%	8.4%	0.1%	16.2%	22.3%	0.0%	6.6%	2.1%	11.2%
	Subtotal Inorganics	0.8%	2.4%	2.5%	3.3%	1.1%	22.6%	3.2%	9.2%	0.1%	16.7%	22.3%	4.8%	7.4%	3.1%	11.8%
Metals	Aluminum Cans	0.3%	1.1%	1.2%	0.0%	1.7%	0.3%	0.4%	1.4%	0.3%	0.4%	0.1%	0.7%	0.7%	0.4%	1.0%
	Other Aluminum	0.0%	0.0%	0.0%	2.3%	0.0%	0.0%	0.3%	0.0%	0.3%	0.3%	0.1%	0.2%	0.3%	0.0%	0.6%
	Ferrous Food Cans	2.7%	0.5%	0.6%	0.2%	0.2%	0.0%	2.3%	0.0%	0.8%	1.4%	0.0%	1.7%	0.9%	0.4%	1.4%
	Other Ferrous	0.0%	0.5%	0.5%	2.1%	0.8%	17.2%	1.2%	7.6%	3.7%	1.6%	0.4%	0.8%	3.0%	0.5%	5.6%
	Other Nonferrous	0.0%	0.0%	0.9%	0.9%	0.4%	0.0%	0.0%	2.5%	0.1%	0.1%	0.0%	0.0%	0.4%	0.0%	0.8%
	Subtotal Metals	3.1%	2.2%	3.3%	5.4%	3.0%	17.6%	4.3%	11.5%	4.9%	3.8%	0.6%	3.5%	5.3%	2.8%	7.7%
Glass	Food and Beverage Glass	0.6%	0.0%	1.1%	1.5%	1.1%	0.0%	0.9%	0.8%	0.0%	0.3%	0.0%	2.5%	0.7%	0.3%	1.1%
	Other Glass	1.8%	0.0%	0.0%	0.0%	0.1%	0.0%	0.5%	0.0%	0.1%	0.0%	0.0%	0.2%	0.2%	0.0%	0.5%
	Subtotal Glass	2.4%	0.0%	1.1%	1.5%	1.2%	0.0%	1.4%	0.9%	0.1%	0.3%	0.0%	2.7%	1.0%	0.5%	1.5%
Other	Medical Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%
	Hazardous Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.7%	0.0%	0.0%	5.5%	4.2%	0.0%	0.0%	0.9%	0.0%	1.8%
	Tires	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%
	Carpet & Padding	0.0%	11.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.6%	0.0%	1.6%	0.0%	3.7%
	Appliances & Furniture	0.0%	0.0%	30.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.5%	0.0%	7.0%
	Special/Problem Waste	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal Other	0.0%	11.2%	30.0%	0.0%	0.2%	1.2%	0.0%	0.0%	5.5%	4.2%	8.6%	0.0%	5.1%	0.5%	9.6%
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		

**WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL SOURCES
(AVERAGE MASS FRACTION)**

Sample No.:	1	2	3	4	5	6	7	8	9	10	11	13	14
Date:	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/4/2015	8/4/2015
Collection Company:	Robinson	WM	Ace	WM	WM	Robinson	WM	WM	Ace	Ace Disposal	Ace Disposal	Robinson	Waste Management
Truck No.:	127	103446	494	102881	102728	120	102882	101880	462	485	456	117	102728
Collection Locaton:	Morgan County	Layton	West Bountiful	Layton	Clearfield	South Weber	Layton	Layton	Layton	Centerville	West Bountiful	South Weber	Clearfield
Truck Type:	20 - Side Loader	20 - Side Loader	20- Side Loader	20 - Side Loader	2 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	no	no	yes	no	no	no	no	no	no	no	no	no	no
Greenwaste Recycling:	no	no	no	no	no	no	no	no	no	no	no	no	no

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%
Paper	Newsprint	2.6%	1.9%	1.7%	0.8%	2.0%	4.6%	1.3%	1.0%	1.9%	3.7%	0.4%	2.2%
	High Grade Paper	1.6%	1.2%	1.0%	2.9%	1.8%	1.7%	0.2%	1.1%	0.2%	1.8%	0.4%	1.0%
	Corrugated Cardboard	2.1%	3.5%	0.4%	3.3%	3.5%	3.5%	1.2%	2.8%	1.1%	4.0%	1.2%	1.7%
	Magazines	1.2%	0.4%	1.5%	0.7%	0.4%	3.9%	2.7%	0.6%	0.1%	1.8%	0.7%	3.9%
	Other Paper	10.9%	9.3%	13.0%	10.5%	23.4%	15.3%	6.5%	16.7%	10.4%	15.4%	11.7%	14.9%
	Subtotal Paper	18.4%	16.3%	17.6%	18.3%	31.1%	29.1%	11.9%	22.3%	13.7%	26.6%	14.4%	23.7%
Plastics	HDPE w/ neck	0.5%	0.9%	0.2%	0.5%	1.4%	1.1%	1.2%	1.1%	0.5%	1.6%	1.1%	0.9%
	PET w/ neck	1.3%	1.1%	0.8%	0.6%	2.1%	2.2%	0.6%	2.3%	2.4%	1.3%	1.5%	2.6%
	Plastic Film	4.7%	4.3%	6.2%	2.6%	5.7%	5.4%	2.7%	6.8%	4.1%	4.4%	3.6%	19.8%
	Polypropylene	0.2%	0.1%	0.2%	0.3%	0.6%	0.4%	0.4%	0.9%	0.3%	0.3%	0.3%	0.6%
	Other Plastics	9.9%	12.9%	5.4%	4.9%	7.2%	4.6%	2.7%	5.6%	3.9%	4.4%	6.2%	2.8%
	Subtotal Plastics	16.6%	19.3%	12.8%	8.9%	16.9%	13.8%	7.6%	16.6%	11.2%	12.0%	12.6%	26.7%
Organics	Food Waste	26.7%	13.5%	17.9%	17.4%	10.5%	21.3%	18.3%	22.7%	23.2%	20.9%	10.3%	20.9%
	Yard Waste	19.9%	43.4%	37.8%	10.9%	7.8%	9.2%	33.6%	5.8%	39.5%	13.5%	17.9%	11.3%
	Wood Waste	1.8%	0.6%	2.7%	16.9%	8.6%	0.7%	0.4%	3.8%	1.1%	0.1%	4.2%	0.2%
	Textiles	1.5%	2.8%	0.9%	1.0%	15.9%	0.7%	0.5%	1.6%	0.6%	0.7%	7.7%	1.3%
	Other Organics	8.0%	0.8%	5.0%	2.3%	3.3%	10.0%	2.3%	22.0%	1.1%	8.8%	14.4%	2.2%
	Subtotal Organics	58.0%	61.0%	64.3%	48.4%	46.1%	42.0%	55.0%	56.0%	65.5%	44.1%	54.5%	36.0%
Inorganics	Small Electronic Appliances	1.6%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.9%	1.0%	0.0%	1.0%	0.0%
	Alkaline Batteries	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.2%
	Other Batteries	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Other Inorganics	0.4%	0.0%	3.8%	21.1%	0.4%	8.0%	17.3%	0.0%	2.2%	11.4%	5.3%	4.2%
	Subtotal Inorganics	2.0%	0.2%	3.8%	21.1%	1.0%	8.1%	17.3%	0.9%	3.2%	11.4%	6.7%	4.4%
Metals	Aluminum Cans	0.6%	0.3%	0.4%	0.4%	0.9%	0.7%	0.1%	0.8%	0.6%	0.4%	1.0%	0.8%
	Other Aluminum	0.1%	0.1%	0.2%	0.1%	0.3%	0.3%	0.1%	0.3%	0.2%	0.1%	0.4%	0.4%
	Ferrous Food Cans	0.9%	0.8%	0.4%	1.2%	0.0%	1.1%	0.5%	0.8%	1.5%	0.4%	1.2%	0.7%
	Other Ferrous	0.6%	0.9%	0.3%	0.1%	0.9%	0.9%	5.8%	0.1%	0.1%	2.2%	2.4%	0.4%
	Other Nonferrous	0.0%	0.0%	0.1%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.2%	0.0%
	Subtotal Metals	2.2%	2.2%	1.3%	1.8%	3.1%	3.0%	6.4%	2.0%	2.4%	5.2%	5.3%	2.4%
Glass	Food and Beverage Glass	2.7%	0.9%	0.1%	1.3%	1.3%	3.9%	1.1%	2.2%	3.8%	0.6%	3.6%	2.5%
	Other Glass	0.0%	0.0%	0.0%	0.3%	0.5%	0.2%	0.7%	0.0%	0.2%	0.1%	0.8%	0.3%
	Subtotal Glass	2.7%	0.9%	0.2%	1.6%	1.7%	4.1%	1.8%	2.2%	4.0%	0.7%	4.4%	2.7%
Other	Medical Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Hazardous Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.0%
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Carpet & Padding	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Appliances & Furniture	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.1%
	Special/Problem Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	4.1%
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL SOURCES
(AVERAGE MASS FRACTION)**

Sample No.:	15	19	20	22	23	24	25	26	27	28	29	31	32
Date:	8/4/2015	8/4/2015	8/4/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015
Collection Company:	Waste Management	Waste Management	Waste Management	Econowaste	Waste Management	Ace	Robinson	Waste Management	Robinson	Robinson	Robinson	Waste Management	Ace
Truck No.:	103090	102719	103446	106	103446	485	485	102719	128	112	130	103003	468
Collection Locaton:	Woods Cross City	Layton	North Salt Lake	Sunset	Layton	Centerville	Clinton	Woods Cross	Clinton	Farmington	Syracuse	Woods Cross	Centerville
Truck Type:	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	yes	no	yes	yes	no	yes	no	yes	no	yes	no	yes	yes
Greenwaste Recycling:	yes	no	no	yes	no	yes	no	yes	no	no	yes	yes	yes

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%
Paper	Newsprint	0.4%	2.6%	2.9%	1.0%	4.8%	1.6%	0.2%	0.5%	0.8%	0.7%	5.6%	1.6%
	High Grade Paper	0.3%	0.8%	0.8%	0.9%	1.3%	1.3%	0.4%	1.6%	0.6%	1.5%	1.2%	0.3%
	Corrugated Cardboard	0.7%	3.0%	16.5%	1.9%	3.7%	3.0%	1.1%	1.9%	1.4%	1.1%	7.1%	5.4%
	Magazines	2.1%	0.7%	1.2%	0.3%	0.9%	3.4%	0.0%	1.3%	2.4%	0.1%	2.2%	0.7%
	Other Paper	16.5%	15.4%	15.3%	11.6%	16.2%	15.8%	6.3%	17.0%	8.6%	14.7%	21.1%	12.9%
	Subtotal Paper	20.1%	22.5%	36.7%	15.7%	26.9%	25.0%	8.0%	22.2%	13.8%	18.1%	37.2%	21.0%
Plastics	HDPE w/ neck	0.7%	0.9%	0.7%	0.5%	1.2%	0.4%	0.4%	0.7%	0.3%	0.3%	1.4%	0.9%
	PET w/ neck	1.6%	1.7%	1.0%	1.7%	1.6%	1.4%	0.4%	1.7%	0.7%	0.2%	2.8%	1.3%
	Plastic Film	4.1%	4.8%	5.1%	3.6%	4.6%	4.6%	2.1%	6.8%	4.6%	3.1%	5.5%	4.1%
	Polypropylene	0.4%	0.7%	0.4%	0.4%	0.5%	0.3%	0.2%	0.4%	0.3%	0.7%	1.0%	0.7%
	Other Plastics	2.3%	4.0%	6.6%	5.1%	12.0%	4.7%	4.4%	6.8%	5.5%	18.2%	7.7%	10.3%
	Subtotal Plastics	9.1%	12.0%	13.8%	11.4%	20.0%	11.5%	7.5%	16.4%	11.3%	22.5%	18.5%	17.3%
Organics	Food Waste	25.2%	2.4%	12.8%	23.3%	12.4%	15.8%	6.2%	28.7%	28.4%	3.3%	8.6%	7.9%
	Yard Waste	4.9%	54.0%	13.9%	18.0%	9.5%	36.1%	67.6%	0.1%	36.5%	40.0%	11.6%	36.7%
	Wood Waste	21.9%	0.5%	0.8%	0.5%	1.0%	2.2%	0.9%	1.3%	2.0%	0.7%	0.3%	3.0%
	Textiles	3.5%	1.1%	0.5%	0.5%	7.4%	0.2%	0.5%	0.9%	3.5%	2.3%	2.4%	2.3%
	Other Organics	5.2%	3.6%	7.1%	3.9%	2.8%	4.1%	1.4%	6.7%	0.1%	4.6%	2.9%	3.5%
	Subtotal Organics	60.7%	61.6%	35.1%	46.3%	33.0%	58.3%	76.5%	37.9%	70.5%	50.8%	25.9%	53.4%
Inorganics	Small Electronic Appliances	2.3%	0.3%	0.8%	0.4%	0.3%	0.0%	0.0%	5.7%	0.0%	1.0%	0.0%	0.2%
	Alkaline Batteries	0.1%	0.0%	0.0%	0.2%	0.1%	0.1%	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%
	Other Batteries	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Other Inorganics	3.4%	1.3%	3.3%	1.3%	2.6%	0.0%	2.1%	5.9%	0.0%	4.0%	0.4%	1.9%
	Subtotal Inorganics	5.8%	1.6%	4.1%	1.9%	2.9%	0.2%	2.1%	11.7%	0.0%	5.0%	0.6%	2.1%
Metals	Aluminum Cans	0.6%	0.2%	0.5%	2.0%	0.8%	0.5%	0.1%	0.5%	0.0%	0.3%	0.9%	0.5%
	Other Aluminum	0.5%	0.6%	0.7%	0.0%	0.0%	0.1%	0.0%	0.2%	0.0%	0.0%	0.3%	0.3%
	Ferrous Food Cans	0.4%	0.6%	2.9%	0.9%	1.0%	0.6%	1.2%	0.9%	0.5%	0.3%	0.9%	0.6%
	Other Ferrous	2.5%	0.0%	0.1%	3.3%	5.4%	0.4%	0.1%	0.4%	1.6%	0.2%	3.1%	0.3%
	Other Nonferrous	0.1%	0.0%	1.4%	0.0%	4.4%	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%
	Subtotal Metals	4.2%	1.4%	5.6%	6.2%	11.6%	1.7%	1.5%	2.6%	2.1%	0.9%	5.2%	1.7%
Glass	Food and Beverage Glass	0.0%	0.8%	4.1%	1.0%	3.3%	3.2%	4.3%	8.7%	2.1%	0.0%	12.3%	4.4%
	Other Glass	0.1%	0.1%	0.0%	0.0%	2.4%	0.0%	0.2%	0.2%	0.0%	0.4%	0.3%	0.0%
	Subtotal Glass	0.1%	0.9%	4.1%	1.0%	5.7%	3.2%	4.5%	8.9%	2.1%	0.4%	12.6%	4.4%
Other	Medical Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Hazardous Waste	0.0%	0.0%	0.7%	0.0%	0.0%	0.0%	0.0%	0.3%	0.2%	0.0%	0.0%	0.0%
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Carpet & Padding	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	0.1%	0.0%
	Appliances & Furniture	0.0%	0.0%	0.0%	17.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Special/Problem Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal Other	0.0%	0.0%	0.7%	17.6%	0.0%	0.0%	0.0%	0.3%	0.2%	2.4%	0.1%	0.0%
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL SOURCES
(AVERAGE MASS FRACTION)**

Sample No.:	35	36	37	39	41	43	51	52	54	55	56	57
Date:	8/6/2015	8/6/2015	8/6/2015	8/6/2015	8/6/2015	8/6/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015
Collection Company:	Robinson	Waste Management	Robinson	Waste Management	Robinson	Ace	Robinson	Waste Management	Robinson	Waste Management	Waste Management	Robinson
Truck No.:	120	103003	129	102719	122	485	120	103446	120	102987	103090	127
Collection Locaton:	Kaysville	North Salt Lake	Syracuse	Woods Cross	Kaysville	Centerville	Clinton	Layton	Clinton	North Salt Lake	Layton	Farmington
Truck Type:	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	yes	yes	no	yes	yes	yes	no	no	no	yes	no	yes
Greenwaste Recycling:	yes	no	yes	yes	yes	yes	no	no	no	no	no	no

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Mean	CONF INT (90%)	
															LOWER	UPPER
Paper	Newsprint	3.2%	0.3%	4.6%	0.9%	1.1%	3.0%	2.1%	3.1%	1.7%	2.5%	1.2%	0.2%	1.9%	1.6%	2.3%
	High Grade Paper	0.9%	0.6%	1.4%	0.8%	1.3%	0.5%	0.4%	1.0%	2.7%	2.1%	0.1%	1.5%	1.1%	0.9%	1.3%
	Corrugated Cardboard	2.5%	1.5%	8.0%	1.1%	0.0%	2.2%	3.1%	1.1%	0.5%	3.3%	3.9%	1.0%	2.8%	2.0%	3.6%
	Magazines	2.4%	0.6%	2.3%	0.9%	0.6%	2.0%	0.5%	0.8%	1.6%	2.3%	0.3%	1.1%	1.3%	1.1%	1.6%
	Other Paper	18.5%	9.5%	20.4%	11.7%	16.5%	16.3%	14.5%	12.4%	25.5%	10.4%	4.5%	15.1%	14.3%	12.9%	15.7%
	Subtotal Paper	27.5%	12.4%	36.7%	15.5%	19.5%	24.0%	20.6%	18.4%	32.0%	20.5%	10.1%	19.0%	21.5%	19.4%	23.6%
Plastics	HDPE w/ neck	0.7%	1.0%	0.8%	0.4%	0.4%	1.1%	1.1%	0.8%	0.8%	0.8%	0.0%	0.6%	0.8%	0.7%	0.9%
	PET w/ neck	1.5%	2.8%	2.3%	1.9%	1.5%	1.4%	2.0%	1.9%	1.8%	2.1%	0.2%	1.3%	1.5%	1.3%	1.7%
	Plastic Film	7.8%	5.5%	5.8%	5.1%	5.0%	4.6%	4.6%	3.8%	3.9%	4.2%	1.4%	5.9%	5.0%	4.2%	5.8%
	Polypropylene	0.4%	0.5%	0.8%	0.3%	0.6%	0.3%	0.3%	0.5%	0.3%	0.4%	0.0%	0.5%	0.4%	0.4%	0.5%
	Other Plastics	12.8%	3.7%	6.6%	5.8%	7.2%	5.6%	7.3%	4.4%	2.8%	6.3%	1.0%	10.7%	6.5%	5.5%	7.4%
	Subtotal Plastics	23.2%	13.5%	16.2%	13.6%	14.7%	12.8%	15.2%	11.5%	9.5%	13.9%	2.7%	19.0%	14.2%	12.9%	15.5%
Organics	Food Waste	18.3%	24.2%	14.4%	15.0%	18.9%	15.7%	17.8%	19.0%	16.8%	15.8%	4.1%	27.8%	16.7%	14.9%	18.6%
	Yard Waste	7.6%	32.0%	4.3%	37.9%	23.6%	13.2%	24.7%	45.1%	30.5%	0.2%	17.4%	6.6%	22.5%	18.0%	27.0%
	Wood Waste	0.8%	0.4%	3.2%	6.6%	6.1%	0.3%	3.9%	0.2%	0.2%	2.6%	34.5%	2.6%	3.8%	2.0%	5.7%
	Textiles	1.0%	0.4%	1.5%	2.9%	2.3%	1.8%	1.4%	0.6%	0.5%	6.0%	1.1%	5.8%	2.4%	1.6%	3.2%
	Other Organics	1.8%	5.2%	8.0%	3.3%	6.0%	4.5%	6.4%	0.6%	3.0%	3.3%	1.5%	9.1%	5.1%	3.9%	6.3%
	Subtotal Organics	29.6%	62.2%	31.4%	65.7%	56.9%	35.4%	54.1%	65.5%	50.9%	27.9%	58.6%	51.7%	50.5%	47.0%	54.1%
Inorganics	Small Electronic Appliances	0.1%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.8%	0.0%	0.5%	0.6%	0.3%	0.9%
	Alkaline Batteries	0.0%	0.0%	0.0%	0.3%	0.3%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%
	Other Batteries	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%
	Other Inorganics	6.0%	6.3%	4.1%	1.8%	0.7%	6.1%	0.0%	0.0%	0.0%	31.5%	3.2%	0.9%	4.4%	2.6%	6.1%
	Subtotal Inorganics	6.2%	6.3%	4.1%	3.1%	1.0%	6.2%	0.2%	0.0%	0.0%	34.4%	3.2%	1.5%	5.0%	3.2%	6.9%
Metals	Aluminum Cans	0.4%	0.4%	0.7%	0.0%	0.1%	1.0%	0.3%	0.5%	1.0%	0.3%	0.0%	0.3%	0.5%	0.4%	0.6%
	Other Aluminum	0.1%	0.2%	0.5%	0.2%	0.7%	0.3%	0.4%	0.2%	0.3%	0.3%	0.1%	0.3%	0.2%	0.2%	0.3%
	Ferrous Food Cans	0.7%	0.3%	1.0%	0.5%	1.1%	0.9%	1.0%	0.6%	1.2%	0.3%	1.7%	1.2%	0.9%	0.7%	1.0%
	Other Ferrous	0.6%	0.7%	0.5%	0.2%	0.7%	12.1%	0.5%	0.2%	0.3%	0.8%	4.4%	0.6%	1.7%	1.0%	2.3%
	Other Nonferrous	0.0%	0.0%	1.3%	0.1%	0.4%	0.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.6%
	Subtotal Metals	1.9%	1.7%	3.9%	1.0%	2.9%	14.5%	2.1%	1.6%	2.8%	1.7%	6.2%	2.5%	3.6%	2.9%	4.4%
Glass	Food and Beverage Glass	2.0%	3.9%	4.0%	0.6%	3.0%	4.0%	7.6%	2.6%	4.6%	1.6%	1.2%	5.9%	3.0%	2.3%	3.7%
	Other Glass	0.0%	0.0%	0.2%	0.4%	0.2%	0.0%	0.1%	0.4%	0.1%	0.0%	0.2%	0.1%	0.2%	0.1%	0.4%
	Subtotal Glass	2.1%	3.9%	4.3%	1.0%	3.2%	4.0%	7.7%	3.0%	4.7%	1.7%	1.4%	6.0%	3.2%	2.5%	3.9%
Other	Medical Waste	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%
	Hazardous Waste	0.0%	0.0%	3.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.4%
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	0.2%	0.1%	0.0%	0.2%
	Carpet & Padding	9.5%	0.0%	0.0%	0.0%	1.9%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.0%	1.0%
	Appliances & Furniture	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	0.0%	0.0%	15.3%	0.0%	1.0%	0.0%	2.1%
	Special/Problem Waste	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%
	Subtotal Other	9.5%	0.0%	3.3%	0.0%	1.9%	3.0%	0.0%	0.0%	0.0%	0.0%	17.9%	0.2%	1.8%	0.6%	3.0%
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		

**WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL WASTE W/ CURBSIDE RECYCLING
(AVERAGE MASS FRACTION)**

Sample No.:	3	15	20	22	24	26	28	31
Date:	8/3/2015	8/4/2015	8/4/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015
Collection Company:	Ace	Waste Management	Waste Management	Econowaste	Ace	Waste Management	Robinson	Waste Management
Truck No:	494	103090	103446	106	485	102719	112	103003
Collection Locaton:	West Bountiful	Woods Cross City	North Salt Lake	Sunset	Centerville	Woods Cross	Farmington	Woods Cross
Truck Type:	20- Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	yes	yes	yes	yes	yes	yes	yes	yes
Greenwaste Recycling:	no	yes	no	yes	yes	yes	no	yes

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%
Paper	Newsprint	1.7%	0.4%	2.9%	1.0%	1.6%	0.5%	0.7%	1.6%
	High Grade Paper	1.0%	0.3%	0.8%	0.9%	1.3%	1.6%	1.5%	0.3%
	Corrugated Cardboard	0.4%	0.7%	16.5%	1.9%	3.0%	1.9%	1.1%	5.4%
	Magazines	1.5%	2.1%	1.2%	0.3%	3.4%	1.3%	0.1%	0.7%
	Other Paper	13.0%	16.5%	15.3%	11.6%	15.8%	17.0%	14.7%	12.9%
	Subtotal Paper	17.6%	20.1%	36.7%	15.7%	25.0%	22.2%	18.1%	21.0%
Plastics	HDPE w/ neck	0.2%	0.7%	0.7%	0.5%	0.4%	0.7%	0.3%	0.9%
	PET w/ neck	0.8%	1.6%	1.0%	1.7%	1.4%	1.7%	0.2%	1.3%
	Plastic Film	6.2%	4.1%	5.1%	3.6%	4.6%	6.8%	3.1%	4.1%
	Polypropylene	0.2%	0.4%	0.4%	0.4%	0.3%	0.4%	0.7%	0.7%
	Other Plastics	5.4%	2.3%	6.6%	5.1%	4.7%	6.8%	18.2%	10.3%
	Subtotal Plastics	12.8%	9.1%	13.8%	11.4%	11.5%	16.4%	22.5%	17.3%
Organics	Food Waste	17.9%	25.2%	12.8%	23.3%	15.8%	28.7%	3.3%	7.9%
	Yard Waste	37.8%	4.9%	13.9%	18.0%	36.1%	0.1%	40.0%	36.7%
	Wood Waste	2.7%	21.9%	0.8%	0.5%	2.2%	1.3%	0.7%	3.0%
	Textiles	0.9%	3.5%	0.5%	0.5%	0.2%	0.9%	2.3%	2.3%
	Other Organics	5.0%	5.2%	7.1%	3.9%	4.1%	6.7%	4.6%	3.5%
	Subtotal Organics	64.3%	60.7%	35.1%	46.3%	58.3%	37.9%	50.8%	53.4%
Inorganics	Small Electronic Appliances	0.0%	2.3%	0.8%	0.4%	0.0%	5.7%	1.0%	0.2%
	Alkaline Batteries	0.0%	0.1%	0.0%	0.2%	0.1%	0.1%	0.0%	0.0%
	Other Batteries	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Other Inorganics	3.8%	3.4%	3.3%	1.3%	0.0%	5.9%	4.0%	1.9%
	Subtotal Inorganics	3.8%	5.8%	4.1%	1.9%	0.2%	11.7%	5.0%	2.1%
Metals	Aluminum Cans	0.4%	0.6%	0.5%	2.0%	0.5%	0.5%	0.3%	0.5%
	Other Aluminum	0.2%	0.5%	0.7%	0.0%	0.1%	0.2%	0.0%	0.3%
	Ferrous Food Cans	0.4%	0.4%	2.9%	0.9%	0.6%	0.9%	0.3%	0.6%
	Other Ferrous	0.3%	2.5%	0.1%	3.3%	0.4%	0.4%	0.2%	0.3%
	Other Nonferrous	0.1%	0.1%	1.4%	0.0%	0.0%	0.7%	0.0%	0.0%
	Subtotal Metals	1.3%	4.2%	5.6%	6.2%	1.7%	2.6%	0.9%	1.7%
Glass	Food and Beverage Glass	0.1%	0.0%	4.1%	1.0%	3.2%	8.7%	0.0%	4.4%
	Other Glass	0.0%	0.1%	0.0%	0.0%	0.0%	0.2%	0.4%	0.0%
	Subtotal Glass	0.2%	0.1%	4.1%	1.0%	3.2%	8.9%	0.4%	4.4%
Other	Medical Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Hazardous Waste	0.0%	0.0%	0.7%	0.0%	0.0%	0.3%	0.0%	0.0%
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Carpet & Padding	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.4%	0.0%
	Appliances & Furniture	0.0%	0.0%	0.0%	17.6%	0.0%	0.0%	0.0%	0.0%
	Special/Problem Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal Other	0.0%	0.0%	0.7%	17.6%	0.0%	0.3%	2.4%	0.0%
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL WASTE W/ CURBSIDE RECYCLING
(AVERAGE MASS FRACTION)**

Sample No.:	32	35	36	39	41	43	55	57
Date:	8/5/2015	8/6/2015	8/6/2015	8/6/2015	8/6/2015	8/6/2015	8/7/2015	8/7/2015
Collection Company:	Ace	Robinson	Waste Management	Waste Management	Robinson	Ace	Waste Management	Robinson
Truck No:	468	120	103003	102719	122	485	102987	127
Collection Locaton:	Centerville	Kaysville	North Salt Lake	Woods Cross	Kaysville	Centerville	North Salt Lake	Farmington
Truck Type:	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	yes	yes	yes	yes	yes	yes	yes	yes
Greenwaste Recycling:	yes	yes	no	yes	yes	yes	no	no

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Mean	CONF INT (90%)	
											LOWER	UPPER
Paper	Newsprint	1.3%	3.2%	0.3%	0.9%	1.1%	3.0%	2.5%	0.2%	1.4%	1.0%	1.9%
	High Grade Paper	1.7%	0.9%	0.6%	0.8%	1.3%	0.5%	2.1%	1.5%	1.1%	0.8%	1.3%
	Corrugated Cardboard	0.6%	2.5%	1.5%	1.1%	0.0%	2.2%	3.3%	1.0%	2.7%	1.0%	4.4%
	Magazines	0.7%	2.4%	0.6%	0.9%	0.6%	2.0%	2.3%	1.1%	1.3%	0.9%	1.7%
	Other Paper	11.0%	18.5%	9.5%	11.7%	16.5%	16.3%	10.4%	15.1%	14.1%	12.9%	15.3%
	Subtotal Paper	15.3%	27.5%	12.4%	15.5%	19.5%	24.0%	20.5%	19.0%	20.6%	18.1%	23.2%
Plastics	HDPE w/ neck	0.3%	0.7%	1.0%	0.4%	0.4%	1.1%	0.8%	0.6%	0.6%	0.5%	0.7%
	PET w/ neck	1.0%	1.5%	2.8%	1.9%	1.5%	1.4%	2.1%	1.3%	1.5%	1.2%	1.7%
	Plastic Film	3.1%	7.8%	5.5%	5.1%	5.0%	4.6%	4.2%	5.9%	4.9%	4.4%	5.5%
	Polypropylene	0.4%	0.4%	0.5%	0.3%	0.6%	0.3%	0.4%	0.5%	0.4%	0.4%	0.5%
	Other Plastics	5.0%	12.8%	3.7%	5.8%	7.2%	5.6%	6.3%	10.7%	7.3%	5.6%	9.0%
	Subtotal Plastics	9.8%	23.2%	13.5%	13.6%	14.7%	12.8%	13.9%	19.0%	14.7%	12.9%	16.5%
Organics	Food Waste	16.6%	18.3%	24.2%	15.0%	18.9%	15.7%	15.8%	27.8%	17.9%	15.0%	20.9%
	Yard Waste	30.2%	7.6%	32.0%	37.9%	23.6%	13.2%	0.2%	6.6%	21.2%	14.8%	27.6%
	Wood Waste	5.5%	0.8%	0.4%	6.6%	6.1%	0.3%	2.6%	2.6%	3.6%	1.3%	5.9%
	Textiles	2.1%	1.0%	0.4%	2.9%	2.3%	1.8%	6.0%	5.8%	2.1%	1.3%	2.9%
	Other Organics	1.5%	1.8%	5.2%	3.3%	6.0%	4.5%	3.3%	9.1%	4.7%	3.8%	5.5%
	Subtotal Organics	55.9%	29.6%	62.2%	65.7%	56.9%	35.4%	27.9%	51.7%	49.5%	44.0%	55.0%
Inorganics	Small Electronic Appliances	0.0%	0.1%	0.0%	1.0%	0.0%	0.0%	2.8%	0.5%	0.9%	0.3%	1.6%
	Alkaline Batteries	0.1%	0.0%	0.0%	0.3%	0.3%	0.1%	0.0%	0.0%	0.1%	0.1%	0.1%
	Other Batteries	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Other Inorganics	4.6%	6.0%	6.3%	1.8%	0.7%	6.1%	31.5%	0.9%	5.1%	1.9%	8.3%
	Subtotal Inorganics	4.7%	6.2%	6.3%	3.1%	1.0%	6.2%	34.4%	1.5%	6.1%	2.6%	9.6%
Metals	Aluminum Cans	0.1%	0.4%	0.4%	0.0%	0.1%	1.0%	0.3%	0.3%	0.5%	0.3%	0.7%
	Other Aluminum	0.1%	0.1%	0.2%	0.2%	0.7%	0.3%	0.3%	0.3%	0.3%	0.2%	0.4%
	Ferrous Food Cans	0.8%	0.7%	0.3%	0.5%	1.1%	0.9%	0.3%	1.2%	0.8%	0.5%	1.1%
	Other Ferrous	7.2%	0.6%	0.7%	0.2%	0.7%	12.1%	0.8%	0.6%	1.9%	0.5%	3.3%
	Other Nonferrous	0.2%	0.0%	0.0%	0.1%	0.4%	0.2%	0.0%	0.0%	0.2%	0.0%	0.4%
	Subtotal Metals	8.4%	1.9%	1.7%	1.0%	2.9%	14.5%	1.7%	2.5%	3.7%	2.1%	5.2%
Glass	Food and Beverage Glass	0.5%	2.0%	3.9%	0.6%	3.0%	4.0%	1.6%	5.9%	2.7%	1.6%	3.8%
	Other Glass	0.0%	0.0%	0.0%	0.4%	0.2%	0.0%	0.0%	0.1%	0.1%	0.0%	0.2%
	Subtotal Glass	0.5%	2.1%	3.9%	1.0%	3.2%	4.0%	1.7%	6.0%	2.8%	1.7%	3.9%
Other	Medical Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Hazardous Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.0%
	Carpet & Padding	5.4%	9.5%	0.0%	0.0%	1.9%	0.3%	0.0%	0.0%	1.2%	0.1%	2.4%
	Appliances & Furniture	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	0.0%	0.0%	1.3%	0.0%	3.2%
	Special/Problem Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal Other	5.4%	9.5%	0.0%	0.0%	1.9%	3.0%	0.0%	0.2%	2.6%	0.5%	4.6%
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		

**WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL WASTE W/O CURBSIDE RECYCLING
(AVERAGE MASS FRACTION)**

Sample No.:	1	2	4	5	6	7	8	9	10	11	13	14
Date:	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/4/2015	8/4/2015
Collection Company:	Robinson	WM	WM	WM	Robinson	WM	WM	Ace	Ace Disposal	Ace Disposal	Robinson	Waste Management
Truck No:	127	103446	102881	102728	120	102882	101880	462	485	456	117	102728
Collection Locaton:	Morgan County	Layton	Layton	Clearfield	South Weber	Layton	Layton	Layton	Centerville	West Bountiful	South Weber	Clearfield
Truck Type:	20 - Side Loader	20 - Side Loader	20 - Side Loader	2 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	no	no	no	no	no	no	no	no	no	no	no	no
Greenwaste Recycling:	no	no	no	no	no	no	no	no	no	no	no	no

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%
Paper	Newsprint	2.6%	1.9%	0.8%	2.0%	4.6%	1.3%	1.0%	1.9%	3.7%	0.4%	2.2%	2.0%
	High Grade Paper	1.6%	1.2%	2.9%	1.8%	1.7%	0.2%	1.1%	0.2%	1.8%	0.4%	1.0%	1.6%
	Corrugated Cardboard	2.1%	3.5%	3.3%	3.5%	3.5%	1.2%	2.8%	1.1%	4.0%	1.2%	1.7%	1.6%
	Magazines	1.2%	0.4%	0.7%	0.4%	3.9%	2.7%	0.6%	0.1%	1.8%	0.7%	3.9%	1.4%
	Other Paper	10.9%	9.3%	10.5%	23.4%	15.3%	6.5%	16.7%	10.4%	15.4%	11.7%	14.9%	29.4%
	Subtotal Paper	18.4%	16.3%	18.3%	31.1%	29.1%	11.9%	22.3%	13.7%	26.6%	14.4%	23.7%	36.0%
Plastics	HDPE w/ neck	0.5%	0.9%	0.5%	1.4%	1.1%	1.2%	1.1%	0.5%	1.6%	1.1%	0.9%	1.9%
	PET w/ neck	1.3%	1.1%	0.6%	2.1%	2.2%	0.6%	2.3%	2.4%	1.3%	1.5%	2.6%	1.3%
	Plastic Film	4.7%	4.3%	2.6%	5.7%	5.4%	2.7%	6.8%	4.1%	4.4%	3.6%	19.8%	5.4%
	Polypropylene	0.2%	0.1%	0.3%	0.6%	0.4%	0.4%	0.9%	0.3%	0.3%	0.3%	0.6%	0.4%
	Other Plastics	9.9%	12.9%	4.9%	7.2%	4.6%	2.7%	5.6%	3.9%	4.4%	6.2%	2.8%	9.7%
	Subtotal Plastics	16.6%	19.3%	8.9%	16.9%	13.8%	7.6%	16.6%	11.2%	12.0%	12.6%	26.7%	18.8%
Organics	Food Waste	26.7%	13.5%	17.4%	10.5%	21.3%	18.3%	22.7%	23.2%	20.9%	10.3%	20.9%	13.5%
	Yard Waste	19.9%	43.4%	10.9%	7.8%	9.2%	33.6%	5.8%	39.5%	13.5%	17.9%	11.3%	2.5%
	Wood Waste	1.8%	0.6%	16.9%	8.6%	0.7%	0.4%	3.8%	1.1%	0.1%	4.2%	0.2%	2.0%
	Textiles	1.5%	2.8%	1.0%	15.9%	0.7%	0.5%	1.6%	0.6%	0.7%	7.7%	1.3%	2.1%
	Other Organics	8.0%	0.8%	2.3%	3.3%	10.0%	2.3%	22.0%	1.1%	8.8%	14.4%	2.2%	13.2%
	Subtotal Organics	58.0%	61.0%	48.4%	46.1%	42.0%	55.0%	56.0%	65.5%	44.1%	54.5%	36.0%	33.3%
Inorganics	Small Electronic Appliances	1.6%	0.0%	0.0%	0.5%	0.0%	0.0%	0.9%	1.0%	0.0%	1.0%	0.0%	1.3%
	Alkaline Batteries	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.2%	0.0%
	Other Batteries	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Other Inorganics	0.4%	0.0%	21.1%	0.4%	8.0%	17.3%	0.0%	2.2%	11.4%	5.3%	4.2%	1.2%
	Subtotal Inorganics	2.0%	0.2%	21.1%	1.0%	8.1%	17.3%	0.9%	3.2%	11.4%	6.7%	4.4%	2.6%
Metals	Aluminum Cans	0.6%	0.3%	0.4%	0.9%	0.7%	0.1%	0.8%	0.6%	0.4%	1.0%	0.8%	0.9%
	Other Aluminum	0.1%	0.1%	0.1%	0.3%	0.3%	0.1%	0.3%	0.2%	0.1%	0.4%	0.4%	0.2%
	Ferrous Food Cans	0.9%	0.8%	1.2%	0.0%	1.1%	0.5%	0.8%	1.5%	0.4%	1.2%	0.7%	0.8%
	Other Ferrous	0.6%	0.9%	0.1%	0.9%	0.9%	5.8%	0.1%	0.1%	2.2%	2.4%	0.4%	2.3%
	Other Nonferrous	0.0%	0.0%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.2%	0.0%	1.0%
	Subtotal Metals	2.2%	2.2%	1.8%	3.1%	3.0%	6.4%	2.0%	2.4%	5.2%	5.3%	2.4%	5.3%
Glass	Food and Beverage Glass	2.7%	0.9%	1.3%	1.3%	3.9%	1.1%	2.2%	3.8%	0.6%	3.6%	2.5%	3.3%
	Other Glass	0.0%	0.0%	0.3%	0.5%	0.2%	0.7%	0.0%	0.2%	0.1%	0.8%	0.3%	0.3%
	Subtotal Glass	2.7%	0.9%	1.6%	1.7%	4.1%	1.8%	2.2%	4.0%	0.7%	4.4%	2.7%	3.6%
Other	Medical Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Hazardous Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	0.0%	0.4%
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Carpet & Padding	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Appliances & Furniture	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	4.1%	0.0%
	Special/Problem Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.0%	4.1%	0.4%
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL WASTE W/O CURBSIDE RECYCLING
(AVERAGE MASS FRACTION)**

Sample No.:	19	23	25	27	29	37	51	52	54	56
Date:	8/4/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/6/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015
Collection Company:	Waste Management	Waste Management	Robinson	Robinson	Robinson	Robinson	Robinson	Waste Management	Robinson	Waste Management
Truck No:	102719	103446	485	128	130	129	120	103446	120	103090
Collection Locaton:	Layton	Layton	Clinton	Clinton	Syracuse	Syracuse	Clinton	Layton	Clinton	Layton
Truck Type:	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	no	no	no	no	no	no	no	no	no	no
Greenwaste Recycling:	no	no	no	no	yes	yes	no	no	no	no

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Mean	CONF INT (90%)	
													LOWER	UPPER
Paper	Newsprint	2.6%	4.8%	0.2%	0.8%	5.6%	4.6%	2.1%	3.1%	1.7%	1.2%	2.3%	1.8%	2.9%
	High Grade Paper	0.8%	1.3%	0.4%	0.6%	1.2%	1.4%	0.4%	1.0%	2.7%	0.1%	1.2%	0.9%	1.4%
	Corrugated Cardboard	3.0%	3.7%	1.1%	1.4%	7.1%	8.0%	3.1%	1.1%	0.5%	3.9%	2.8%	2.1%	3.5%
	Magazines	0.7%	0.9%	0.0%	2.4%	2.2%	2.3%	0.5%	0.8%	1.6%	0.3%	1.3%	0.9%	1.8%
	Other Paper	15.4%	16.2%	6.3%	8.6%	21.1%	20.4%	14.5%	12.4%	25.5%	4.5%	14.5%	12.2%	16.9%
	Subtotal Paper	22.5%	26.9%	8.0%	13.8%	37.2%	36.7%	20.6%	18.4%	32.0%	10.1%	22.2%	18.9%	25.4%
Plastics	HDPE w/ neck	0.9%	1.2%	0.4%	0.3%	1.4%	0.8%	1.1%	0.8%	0.8%	0.0%	0.9%	0.8%	1.1%
	PET w/ neck	1.7%	1.6%	0.4%	0.7%	2.8%	2.3%	2.0%	1.9%	1.8%	0.2%	1.6%	1.3%	1.9%
	Plastic Film	4.8%	4.6%	2.1%	4.6%	5.5%	5.8%	4.6%	3.8%	3.9%	1.4%	5.0%	3.7%	6.3%
	Polypropylene	0.7%	0.5%	0.2%	0.3%	1.0%	0.8%	0.3%	0.5%	0.3%	0.0%	0.4%	0.3%	0.5%
	Other Plastics	4.0%	12.0%	4.4%	5.5%	7.7%	6.6%	7.3%	4.4%	2.8%	1.0%	5.9%	4.8%	7.0%
	Subtotal Plastics	12.0%	20.0%	7.5%	11.3%	18.5%	16.2%	15.2%	11.5%	9.5%	2.7%	13.9%	11.9%	15.8%
Organics	Food Waste	2.4%	12.4%	6.2%	28.4%	8.6%	14.4%	17.8%	19.0%	16.8%	4.1%	15.9%	13.3%	18.5%
	Yard Waste	54.0%	9.5%	67.6%	36.5%	11.6%	4.3%	24.7%	45.1%	30.5%	17.4%	23.5%	16.9%	30.1%
	Wood Waste	0.5%	1.0%	0.9%	2.0%	0.3%	3.2%	3.9%	0.2%	0.2%	34.5%	4.0%	1.1%	6.8%
	Textiles	1.1%	7.4%	0.5%	3.5%	2.4%	1.5%	1.4%	0.6%	0.5%	1.1%	2.6%	1.2%	3.9%
	Other Organics	3.6%	2.8%	1.4%	0.1%	2.9%	8.0%	6.4%	0.6%	3.0%	1.5%	5.4%	3.4%	7.4%
	Subtotal Organics	61.6%	33.0%	76.5%	70.5%	25.9%	31.4%	54.1%	65.5%	50.9%	58.6%	51.3%	46.3%	56.3%
Inorganics	Small Electronic Appliances	0.3%	0.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.3%	0.1%	0.5%
	Alkaline Batteries	0.0%	0.1%	0.0%	0.0%	0.2%	0.0%	0.1%	0.0%	0.0%	0.0%	0.1%	0.0%	0.1%
	Other Batteries	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%
	Other Inorganics	1.3%	2.6%	2.1%	0.0%	0.4%	4.1%	0.0%	0.0%	0.0%	3.2%	3.9%	1.7%	6.0%
	Subtotal Inorganics	1.6%	2.9%	2.1%	0.0%	0.6%	4.1%	0.2%	0.0%	0.0%	3.2%	4.3%	2.2%	6.3%
Metals	Aluminum Cans	0.2%	0.8%	0.1%	0.0%	0.9%	0.7%	0.3%	0.5%	1.0%	0.0%	0.5%	0.4%	0.7%
	Other Aluminum	0.6%	0.0%	0.0%	0.0%	0.3%	0.5%	0.4%	0.2%	0.3%	0.1%	0.2%	0.2%	0.3%
	Ferrous Food Cans	0.6%	1.0%	1.2%	0.5%	0.9%	1.0%	1.0%	0.6%	1.2%	1.7%	0.9%	0.8%	1.0%
	Other Ferrous	0.0%	5.4%	0.1%	1.6%	3.1%	0.5%	0.5%	0.2%	0.3%	4.4%	1.5%	0.9%	2.1%
	Other Nonferrous	0.0%	4.4%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%	0.5%	0.1%	0.8%
	Subtotal Metals	1.4%	11.6%	1.5%	2.1%	5.2%	3.9%	2.1%	1.6%	2.8%	6.2%	3.6%	2.7%	4.5%
Glass	Food and Beverage Glass	0.8%	3.3%	4.3%	2.1%	12.3%	4.0%	7.6%	2.6%	4.6%	1.2%	3.2%	2.2%	4.1%
	Other Glass	0.1%	2.4%	0.2%	0.0%	0.3%	0.2%	0.1%	0.4%	0.1%	0.2%	0.3%	0.2%	0.5%
	Subtotal Glass	0.9%	5.7%	4.5%	2.1%	12.6%	4.3%	7.7%	3.0%	4.7%	1.4%	3.5%	2.5%	4.5%
Other	Medical Waste	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%
	Hazardous Waste	0.0%	0.0%	0.0%	0.2%	0.0%	3.3%	0.0%	0.0%	0.0%	0.0%	0.3%	0.0%	0.6%
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	0.1%	0.0%	0.3%
	Carpet & Padding	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%
	Appliances & Furniture	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	15.3%	0.9%	0.0%	2.1%
	Special/Problem Waste	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%
	Subtotal Other	0.0%	0.0%	0.0%	0.2%	0.1%	3.3%	0.0%	0.0%	0.0%	17.9%	1.3%	0.0%	2.7%
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		

**WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL WASTE W/ GREENWASTE RECYCLING
(AVERAGE MASS FRACTION)**

Sample No.:	15	22	24	26	29	31
Date:	8/4/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015	8/5/2015
Collection Company:	Waste Management	Econowaste	Ace	Waste Management	Robinson	Waste Management
Truck No:	103090	106	485	102719	130	103003
Collection Locaton:	Woods Cross City	Sunset	Centerville	Woods Cross	Syracuse	Woods Cross
Truck Type:	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	yes	yes	yes	yes	no	yes
Greenwaste Recycling:	yes	yes	yes	yes	yes	yes

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%
Paper	Newsprint	0.4%	1.0%	1.6%	0.5%	5.6%	1.6%
	High Grade Paper	0.3%	0.9%	1.3%	1.6%	1.2%	0.3%
	Corrugated Cardboard	0.7%	1.9%	3.0%	1.9%	7.1%	5.4%
	Magazines	2.1%	0.3%	3.4%	1.3%	2.2%	0.7%
	Other Paper	16.5%	11.6%	15.8%	17.0%	21.1%	12.9%
Subtotal Paper		20.1%	15.7%	25.0%	22.2%	37.2%	21.0%
Plastics	HDPE w/ neck	0.7%	0.5%	0.4%	0.7%	1.4%	0.9%
	PET w/ neck	1.6%	1.7%	1.4%	1.7%	2.8%	1.3%
	Plastic Film	4.1%	3.6%	4.6%	6.8%	5.5%	4.1%
	Polypropylene	0.4%	0.4%	0.3%	0.4%	1.0%	0.7%
	Other Plastics	2.3%	5.1%	4.7%	6.8%	7.7%	10.3%
Subtotal Plastics		9.1%	11.4%	11.5%	16.4%	18.5%	17.3%
Organics	Food Waste	25.2%	23.3%	15.8%	28.7%	8.6%	7.9%
	Yard Waste	4.9%	18.0%	36.1%	0.1%	11.6%	36.7%
	Wood Waste	21.9%	0.5%	2.2%	1.3%	0.3%	3.0%
	Textiles	3.5%	0.5%	0.2%	0.9%	2.4%	2.3%
	Other Organics	5.2%	3.9%	4.1%	6.7%	2.9%	3.5%
Subtotal Organics		60.7%	46.3%	58.3%	37.9%	25.9%	53.4%
Inorganics	Small Electronic Appliances	2.3%	0.4%	0.0%	5.7%	0.0%	0.2%
	Alkaline Batteries	0.1%	0.2%	0.1%	0.1%	0.2%	0.0%
	Other Batteries	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Other Inorganics	3.4%	1.3%	0.0%	5.9%	0.4%	1.9%
Subtotal Inorganics		5.8%	1.9%	0.2%	11.7%	0.6%	2.1%
Metals	Aluminum Cans	0.6%	2.0%	0.5%	0.5%	0.9%	0.5%
	Other Aluminum	0.5%	0.0%	0.1%	0.2%	0.3%	0.3%
	Ferrous Food Cans	0.4%	0.9%	0.6%	0.9%	0.9%	0.6%
	Other Ferrous	2.5%	3.3%	0.4%	0.4%	3.1%	0.3%
	Other Nonferrous	0.1%	0.0%	0.0%	0.7%	0.0%	0.0%
Subtotal Metals		4.2%	6.2%	1.7%	2.6%	5.2%	1.7%
Glass	Food and Beverage Glass	0.0%	1.0%	3.2%	8.7%	12.3%	4.4%
	Other Glass	0.1%	0.0%	0.0%	0.2%	0.3%	0.0%
Subtotal Glass		0.1%	1.0%	3.2%	8.9%	12.6%	4.4%
Other	Medical Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Hazardous Waste	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Carpet & Padding	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%
	Appliances & Furniture	0.0%	17.6%	0.0%	0.0%	0.0%	0.0%
	Special/Problem Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Subtotal Other		0.0%	17.6%	0.0%	0.3%	0.1%	0.0%
TOTALS:		100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL WASTE W/ GREENWASTE RECYCLING
(AVERAGE MASS FRACTION)**

Sample No.:	32	35	37	39	41	43
Date:	8/5/2015	8/6/2015	8/6/2015	8/6/2015	8/6/2015	8/6/2015
Collection Company:	Ace	Robinson	Robinson	Waste Management	Robinson	Ace
Truck No:	468	120	129	102719	122	485
Collection Locaton:	Centerville	Kaysville	Syracuse	Woods Cross	Kaysville	Centerville
Truck Type:	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	yes	yes	no	yes	yes	yes
Greenwaste Recycling:	yes	yes	yes	yes	yes	yes

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Mean	CONF INT (90%)	
									LOWER	UPPER
Paper	Newsprint	1.3%	3.2%	4.6%	0.9%	1.1%	3.0%	2.1%	1.2%	2.9%
	High Grade Paper	1.7%	0.9%	1.4%	0.8%	1.3%	0.5%	1.0%	0.8%	1.3%
	Corrugated Cardboard	0.6%	2.5%	8.0%	1.1%	0.0%	2.2%	2.9%	1.5%	4.2%
	Magazines	0.7%	2.4%	2.3%	0.9%	0.6%	2.0%	1.6%	1.1%	2.1%
	Other Paper	11.0%	18.5%	20.4%	11.7%	16.5%	16.3%	15.8%	14.0%	17.5%
	Subtotal Paper	15.3%	27.5%	36.7%	15.5%	19.5%	24.0%	23.3%	19.5%	27.1%
Plastics	HDPE w/ neck	0.3%	0.7%	0.8%	0.4%	0.4%	1.1%	0.7%	0.5%	0.9%
	PET w/ neck	1.0%	1.5%	2.3%	1.9%	1.5%	1.4%	1.7%	1.4%	1.9%
	Plastic Film	3.1%	7.8%	5.8%	5.1%	5.0%	4.6%	5.0%	4.3%	5.7%
	Polypropylene	0.4%	0.4%	0.8%	0.3%	0.6%	0.3%	0.5%	0.4%	0.6%
	Other Plastics	5.0%	12.8%	6.6%	5.8%	7.2%	5.6%	6.7%	5.3%	8.1%
	Subtotal Plastics	9.8%	23.2%	16.2%	13.6%	14.7%	12.8%	14.6%	12.5%	16.6%
Organics	Food Waste	16.6%	18.3%	14.4%	15.0%	18.9%	15.7%	17.4%	14.2%	20.5%
	Yard Waste	30.2%	7.6%	4.3%	37.9%	23.6%	13.2%	18.7%	11.6%	25.8%
	Wood Waste	5.5%	0.8%	3.2%	6.6%	6.1%	0.3%	4.3%	1.2%	7.4%
	Textiles	2.1%	1.0%	1.5%	2.9%	2.3%	1.8%	1.8%	1.3%	2.3%
	Other Organics	1.5%	1.8%	8.0%	3.3%	6.0%	4.5%	4.3%	3.3%	5.3%
	Subtotal Organics	55.9%	29.6%	31.4%	65.7%	56.9%	35.4%	46.4%	39.3%	53.5%
Inorganics	Small Electronic Appliances	0.0%	0.1%	0.0%	1.0%	0.0%	0.0%	0.8%	0.0%	1.7%
	Alkaline Batteries	0.1%	0.0%	0.0%	0.3%	0.3%	0.1%	0.1%	0.1%	0.2%
	Other Batteries	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Other Inorganics	4.6%	6.0%	4.1%	1.8%	0.7%	6.1%	3.0%	1.8%	4.2%
	Subtotal Inorganics	4.7%	6.2%	4.1%	3.1%	1.0%	6.2%	4.0%	2.3%	5.7%
Metals	Aluminum Cans	0.1%	0.4%	0.7%	0.0%	0.1%	1.0%	0.6%	0.3%	0.9%
	Other Aluminum	0.1%	0.1%	0.5%	0.2%	0.7%	0.3%	0.3%	0.2%	0.4%
	Ferrous Food Cans	0.8%	0.7%	1.0%	0.5%	1.1%	0.9%	0.8%	0.7%	0.9%
	Other Ferrous	7.2%	0.6%	0.5%	0.2%	0.7%	12.1%	2.6%	0.7%	4.5%
	Other Nonferrous	0.2%	0.0%	1.3%	0.1%	0.4%	0.2%	0.3%	0.1%	0.5%
	Subtotal Metals	8.4%	1.9%	3.9%	1.0%	2.9%	14.5%	4.5%	2.6%	6.5%
Glass	Food and Beverage Glass	0.5%	2.0%	4.0%	0.6%	3.0%	4.0%	3.6%	1.8%	5.5%
	Other Glass	0.0%	0.0%	0.2%	0.4%	0.2%	0.0%	0.1%	0.1%	0.2%
	Subtotal Glass	0.5%	2.1%	4.3%	1.0%	3.2%	4.0%	3.8%	1.9%	5.7%
Other	Medical Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Hazardous Waste	0.0%	0.0%	3.3%	0.0%	0.0%	0.0%	0.3%	0.0%	0.8%
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Carpet & Padding	5.4%	9.5%	0.0%	0.0%	1.9%	0.3%	1.4%	0.0%	3.0%
	Appliances & Furniture	0.0%	0.0%	0.0%	0.0%	0.0%	2.7%	1.7%	0.0%	4.3%
	Special/Problem Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal Other	5.4%	9.5%	3.3%	0.0%	1.9%	3.0%	3.4%	0.7%	6.2%
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%		

**WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL WASTE W/O GREENWASTE RECYCLING
(AVERAGE MASS FRACTION)**

Sample No.:	1	2	3	4	5	6	7	8	9
Date:	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015	8/3/2015
Collection Company:	Robinson	WM	Ace	WM	WM	Robinson	WM	WM	Ace
Truck No:	127	103446	494	102881	102728	120	102882	101880	462
Collection Locaton:	Morgan County	Layton	West Bountiful	Layton	Clearfield	South Weber	Layton	Layton	Layton
Truck Type:	20 - Side Loader	20 - Side Loader	20- Side Loader	20 - Side Loader	2 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	no	no	yes	no	no	no	no	no	no
Greenwaste Recycling:	no	no	no	no	no	no	no	no	no

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%
Paper	Newsprint	2.6%	1.9%	1.7%	0.8%	2.0%	4.6%	1.3%	1.0%	1.9%
	High Grade Paper	1.6%	1.2%	1.0%	2.9%	1.8%	1.7%	0.2%	1.1%	0.2%
	Corrugated Cardboard	2.1%	3.5%	0.4%	3.3%	3.5%	3.5%	1.2%	2.8%	1.1%
	Magazines	1.2%	0.4%	1.5%	0.7%	0.4%	3.9%	2.7%	0.6%	0.1%
	Other Paper	10.9%	9.3%	13.0%	10.5%	23.4%	15.3%	6.5%	16.7%	10.4%
	Subtotal Paper	18.4%	16.3%	17.6%	18.3%	31.1%	29.1%	11.9%	22.3%	13.7%
Plastics	HDPE w/ neck	0.5%	0.9%	0.2%	0.5%	1.4%	1.1%	1.2%	1.1%	0.5%
	PET w/ neck	1.3%	1.1%	0.8%	0.6%	2.1%	2.2%	0.6%	2.3%	2.4%
	Plastic Film	4.7%	4.3%	6.2%	2.6%	5.7%	5.4%	2.7%	6.8%	4.1%
	Polypropylene	0.2%	0.1%	0.2%	0.3%	0.6%	0.4%	0.4%	0.9%	0.3%
	Other Plastics	9.9%	12.9%	5.4%	4.9%	7.2%	4.6%	2.7%	5.6%	3.9%
	Subtotal Plastics	16.6%	19.3%	12.8%	8.9%	16.9%	13.8%	7.6%	16.6%	11.2%
Organics	Food Waste	26.7%	13.5%	17.9%	17.4%	10.5%	21.3%	18.3%	22.7%	23.2%
	Yard Waste	19.9%	43.4%	37.8%	10.9%	7.8%	9.2%	33.6%	5.8%	39.5%
	Wood Waste	1.8%	0.6%	2.7%	16.9%	8.6%	0.7%	0.4%	3.8%	1.1%
	Textiles	1.5%	2.8%	0.9%	1.0%	15.9%	0.7%	0.5%	1.6%	0.6%
	Other Organics	8.0%	0.8%	5.0%	2.3%	3.3%	10.0%	2.3%	22.0%	1.1%
	Subtotal Organics	58.0%	61.0%	64.3%	48.4%	46.1%	42.0%	55.0%	56.0%	65.5%
Inorganics	Small Electronic Appliances	1.6%	0.0%	0.0%	0.0%	0.5%	0.0%	0.0%	0.9%	1.0%
	Alkaline Batteries	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%
	Other Batteries	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Other Inorganics	0.4%	0.0%	3.8%	21.1%	0.4%	8.0%	17.3%	0.0%	2.2%
	Subtotal Inorganics	2.0%	0.2%	3.8%	21.1%	1.0%	8.1%	17.3%	0.9%	3.2%
Metals	Aluminum Cans	0.6%	0.3%	0.4%	0.4%	0.9%	0.7%	0.1%	0.8%	0.6%
	Other Aluminum	0.1%	0.1%	0.2%	0.1%	0.3%	0.3%	0.1%	0.3%	0.2%
	Ferrous Food Cans	0.9%	0.8%	0.4%	1.2%	0.0%	1.1%	0.5%	0.8%	1.5%
	Other Ferrous	0.6%	0.9%	0.3%	0.1%	0.9%	0.9%	5.8%	0.1%	0.1%
	Other Nonferrous	0.0%	0.0%	0.1%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal Metals	2.2%	2.2%	1.3%	1.8%	3.1%	3.0%	6.4%	2.0%	2.4%
Glass	Food and Beverage Glass	2.7%	0.9%	0.1%	1.3%	1.3%	3.9%	1.1%	2.2%	3.8%
	Other Glass	0.0%	0.0%	0.0%	0.3%	0.5%	0.2%	0.7%	0.0%	0.2%
	Subtotal Glass	2.7%	0.9%	0.2%	1.6%	1.7%	4.1%	1.8%	2.2%	4.0%
Other	Medical Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Hazardous Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Carpet & Padding	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Appliances & Furniture	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Special/Problem Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal Other	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL WASTE W/O GREENWASTE RECYCLING
(AVERAGE MASS FRACTION)**

Sample No.:	10	11	13	14	19	20	23	25	27
Date:	8/3/2015	8/3/2015	8/4/2015	8/4/2015	8/4/2015	8/4/2015	8/5/2015	8/5/2015	8/5/2015
Collection Company:	Ace Disposal	Ace Disposal	Robinson	Waste Management	Waste Management	Waste Management	Waste Management	Robinson	Robinson
Truck No:	485	456	117	102728	102719	103446	103446	485	128
Collection Locaton:	Centerville	West Bountiful	South Weber	Clearfield	Layton	North Salt Lake	Layton	Clinton	Clinton
Truck Type:	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	no	no	no	no	no	yes	no	no	no
Greenwaste Recycling:	no	no	no	no	no	no	no	no	no

		Total	Total	Total	Total	Total	Total	Total	Total	Total
Category	Component	WT%	WT%	WT%	WT%	WT%	WT%	WT%	WT%	WT%
Paper	Newsprint	3.7%	0.4%	2.2%	2.0%	2.6%	2.9%	4.8%	0.2%	0.8%
	High Grade Paper	1.8%	0.4%	1.0%	1.6%	0.8%	0.8%	1.3%	0.4%	0.6%
	Corrugated Cardboard	4.0%	1.2%	1.7%	1.6%	3.0%	16.5%	3.7%	1.1%	1.4%
	Magazines	1.8%	0.7%	3.9%	1.4%	0.7%	1.2%	0.9%	0.0%	2.4%
	Other Paper	15.4%	11.7%	14.9%	29.4%	15.4%	15.3%	16.2%	6.3%	8.6%
	Subtotal Paper	26.6%	14.4%	23.7%	36.0%	22.5%	36.7%	26.9%	8.0%	13.8%
Plastics	HDPE w/ neck	1.6%	1.1%	0.9%	1.9%	0.9%	0.7%	1.2%	0.4%	0.3%
	PET w/ neck	1.3%	1.5%	2.6%	1.3%	1.7%	1.0%	1.6%	0.4%	0.7%
	Plastic Film	4.4%	3.6%	19.8%	5.4%	4.8%	5.1%	4.6%	2.1%	4.6%
	Polypropylene	0.3%	0.3%	0.6%	0.4%	0.7%	0.4%	0.5%	0.2%	0.3%
	Other Plastics	4.4%	6.2%	2.8%	9.7%	4.0%	6.6%	12.0%	4.4%	5.5%
	Subtotal Plastics	12.0%	12.6%	26.7%	18.8%	12.0%	13.8%	20.0%	7.5%	11.3%
Organics	Food Waste	20.9%	10.3%	20.9%	13.5%	2.4%	12.8%	12.4%	6.2%	28.4%
	Yard Waste	13.5%	17.9%	11.3%	2.5%	54.0%	13.9%	9.5%	67.6%	36.5%
	Wood Waste	0.1%	4.2%	0.2%	2.0%	0.5%	0.8%	1.0%	0.9%	2.0%
	Textiles	0.7%	7.7%	1.3%	2.1%	1.1%	0.5%	7.4%	0.5%	3.5%
	Other Organics	8.8%	14.4%	2.2%	13.2%	3.6%	7.1%	2.8%	1.4%	0.1%
	Subtotal Organics	44.1%	54.5%	36.0%	33.3%	61.6%	35.1%	33.0%	76.5%	70.5%
Inorganics	Small Electronic Appliances	0.0%	1.0%	0.0%	1.3%	0.3%	0.8%	0.3%	0.0%	0.0%
	Alkaline Batteries	0.0%	0.4%	0.2%	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%
	Other Batteries	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Other Inorganics	11.4%	5.3%	4.2%	1.2%	1.3%	3.3%	2.6%	2.1%	0.0%
	Subtotal Inorganics	11.4%	6.7%	4.4%	2.6%	1.6%	4.1%	2.9%	2.1%	0.0%
Metals	Aluminum Cans	0.4%	1.0%	0.8%	0.9%	0.2%	0.5%	0.8%	0.1%	0.0%
	Other Aluminum	0.1%	0.4%	0.4%	0.2%	0.6%	0.7%	0.0%	0.0%	0.0%
	Ferrous Food Cans	0.4%	1.2%	0.7%	0.8%	0.6%	2.9%	1.0%	1.2%	0.5%
	Other Ferrous	2.2%	2.4%	0.4%	2.3%	0.0%	0.1%	5.4%	0.1%	1.6%
	Other Nonferrous	2.0%	0.2%	0.0%	1.0%	0.0%	1.4%	4.4%	0.0%	0.0%
	Subtotal Metals	5.2%	5.3%	2.4%	5.3%	1.4%	5.6%	11.6%	1.5%	2.1%
Glass	Food and Beverage Glass	0.6%	3.6%	2.5%	3.3%	0.8%	4.1%	3.3%	4.3%	2.1%
	Other Glass	0.1%	0.8%	0.3%	0.3%	0.1%	0.0%	2.4%	0.2%	0.0%
	Subtotal Glass	0.7%	4.4%	2.7%	3.6%	0.9%	4.1%	5.7%	4.5%	2.1%
Other	Medical Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Hazardous Waste	0.0%	2.0%	0.0%	0.4%	0.0%	0.7%	0.0%	0.0%	0.2%
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Carpet & Padding	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Appliances & Furniture	0.0%	0.0%	4.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Special/Problem Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
	Subtotal Other	0.0%	2.0%	4.1%	0.4%	0.0%	0.7%	0.0%	0.0%	0.2%
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

**WIWMD WASTE CHARACTERIZATION RESULTS: RESIDENTIAL WASTE W/O GREENWASTE RECYCLING
(AVERAGE MASS FRACTION)**

Sample No.:	28	36	51	52	54	55	56	57
Date:	8/5/2015	8/6/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015	8/7/2015
Collection Company:	Robinson	Waste Management	Robinson	Waste Management	Robinson	Waste Management	Waste Management	Robinson
Truck No:	112	103003	120	103446	120	102987	103090	127
Collection Locaton:	Farmington	North Salt Lake	Clinton	Layton	Clinton	North Salt Lake	Layton	Farmington
Truck Type:	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader	20 - Side Loader
Curbside Recycling:	yes	yes	no	no	no	yes	no	yes
Greenwaste Recycling:	no	no	no	no	no	no	no	no

Category	Component	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Total WT%	Mean	CONF INT (90%)	
												LOWER	UPPER
Paper	Newsprint	0.7%	0.3%	2.1%	3.1%	1.7%	2.5%	1.2%	0.2%	1.9%	1.5%	2.3%	
	High Grade Paper	1.5%	0.6%	0.4%	1.0%	2.7%	2.1%	0.1%	1.5%	1.2%	0.9%	1.4%	
	Corrugated Cardboard	1.1%	1.5%	3.1%	1.1%	0.5%	3.3%	3.9%	1.0%	2.7%	1.7%	3.8%	
	Magazines	0.1%	0.6%	0.5%	0.8%	1.6%	2.3%	0.3%	1.1%	1.2%	0.9%	1.6%	
	Other Paper	14.7%	9.5%	14.5%	12.4%	25.5%	10.4%	4.5%	15.1%	13.7%	11.8%	15.6%	
	Subtotal Paper	18.1%	12.4%	20.6%	18.4%	32.0%	20.5%	10.1%	19.0%	20.7%	18.1%	23.3%	
Plastics	HDPE w/ neck	0.3%	1.0%	1.1%	0.8%	0.8%	0.8%	0.0%	0.6%	0.8%	0.7%	1.0%	
	PET w/ neck	0.2%	2.8%	2.0%	1.9%	1.8%	2.1%	0.2%	1.3%	1.5%	1.2%	1.7%	
	Plastic Film	3.1%	5.5%	4.6%	3.8%	3.9%	4.2%	1.4%	5.9%	5.0%	3.9%	6.1%	
	Polypropylene	0.7%	0.5%	0.3%	0.5%	0.3%	0.4%	0.0%	0.5%	0.4%	0.3%	0.4%	
	Other Plastics	18.2%	3.7%	7.3%	4.4%	2.8%	6.3%	1.0%	10.7%	6.4%	5.1%	7.7%	
	Subtotal Plastics	22.5%	13.5%	15.2%	11.5%	9.5%	13.9%	2.7%	19.0%	14.1%	12.4%	15.8%	
Organics	Food Waste	3.3%	24.2%	17.8%	19.0%	16.8%	15.8%	4.1%	27.8%	16.5%	14.0%	18.9%	
	Yard Waste	40.0%	32.0%	24.7%	45.1%	30.5%	0.2%	17.4%	6.6%	24.3%	18.4%	30.1%	
	Wood Waste	0.7%	0.4%	3.9%	0.2%	0.2%	2.6%	34.5%	2.6%	3.6%	1.2%	6.0%	
	Textiles	2.3%	0.4%	1.4%	0.6%	0.5%	6.0%	1.1%	5.8%	2.6%	1.5%	3.8%	
	Other Organics	4.6%	5.2%	6.4%	0.6%	3.0%	3.3%	1.5%	9.1%	5.5%	3.7%	7.2%	
	Subtotal Organics	50.8%	62.2%	54.1%	65.5%	50.9%	27.9%	58.6%	51.7%	52.4%	48.2%	56.6%	
Inorganics	Small Electronic Appliances	1.0%	0.0%	0.0%	0.0%	0.0%	2.8%	0.0%	0.5%	0.5%	0.2%	0.7%	
	Alkaline Batteries	0.0%	0.0%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	
	Other Batteries	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Other Inorganics	4.0%	6.3%	0.0%	0.0%	0.0%	31.5%	3.2%	0.9%	5.0%	2.5%	7.6%	
	Subtotal Inorganics	5.0%	6.3%	0.2%	0.0%	0.0%	34.4%	3.2%	1.5%	5.5%	2.9%	8.2%	
Metals	Aluminum Cans	0.3%	0.4%	0.3%	0.5%	1.0%	0.3%	0.0%	0.3%	0.5%	0.4%	0.6%	
	Other Aluminum	0.0%	0.2%	0.4%	0.2%	0.3%	0.3%	0.1%	0.3%	0.2%	0.2%	0.3%	
	Ferrous Food Cans	0.3%	0.3%	1.0%	0.6%	1.2%	0.3%	1.7%	1.2%	0.9%	0.7%	1.1%	
	Other Ferrous	0.2%	0.7%	0.5%	0.2%	0.3%	0.8%	4.4%	0.6%	1.2%	0.7%	1.8%	
	Other Nonferrous	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.4%	0.1%	0.7%	
	Subtotal Metals	0.9%	1.7%	2.1%	1.6%	2.8%	1.7%	6.2%	2.5%	3.2%	2.5%	4.0%	
Glass	Food and Beverage Glass	0.0%	3.9%	7.6%	2.6%	4.6%	1.6%	1.2%	5.9%	2.7%	2.0%	3.3%	
	Other Glass	0.4%	0.0%	0.1%	0.4%	0.1%	0.0%	0.2%	0.1%	0.3%	0.1%	0.5%	
	Subtotal Glass	0.4%	3.9%	7.7%	3.0%	4.7%	1.7%	1.4%	6.0%	2.9%	2.3%	3.6%	
Other	Medical Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Hazardous Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.3%	
	Tires	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.6%	0.2%	0.1%	0.0%	0.3%	
	Carpet & Padding	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.0%	0.2%	
	Appliances & Furniture	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	15.3%	0.0%	0.7%	0.0%	1.8%	
	Special/Problem Waste	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	
	Subtotal Other	2.4%	0.0%	0.0%	0.0%	0.0%	0.0%	17.9%	0.2%	1.1%	0.0%	2.3%	
	TOTALS:	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%			

DAY #1
TARES
2" +

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Wasatch

Monday

Sample No: _____

Sample Date: Aug 3, 2015

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: Tare

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	1 Newsprint	M x	8.4				
	2 High Grade Paper	S x	5.5				
	3 Corrugated Cardboard	Z x	15.4				
	4 Magazines	S x	5.7				
	5 Other Paper	2-S x	15.3				
Plastics	6 HDPE w/ neck	M x	8.4				
	7 PET w/ neck	M x	8.8				
	8 Plastic Film	Z x	15.3				
	9 Polypropylene	S x	5.6				
	10 Other Plastics	Z x	15.8				
Organics	11 Food Waste	2-P x	2.3				
	12 Yard Waste	S x	5.2				
	13 Wood Waste	S x	5.8				
	14 Textiles	S x	6.4				
	15 Other Organics	S x	5.4				
Inorganics	- Small Electric Appliances	-	-				
	- Alkaline Batteries	-	-				
	- Other Batteries	-	-				
	16 Other Inorganics	S x	5.5				
Metals	17 Aluminum Cans	S x	5.6				
	18 Other Aluminum	P x	2.3				
	19 Ferrous Food Cans	S x	2.2				
	20 Other Ferrous	P x	2.2				
	21 Other Nonferrous	P x	2.3				
Glass	22 Food and Beverage Glass	S x	5.4				
	23 Other Glass	S x	5.5				
Other	- Medical Waste	-	-				
	- Household Hazardous Waste	-	-				
	- Special/Problem Waste	-	-				
TOTALS:							

NOTES: _____

DAY #1
TARES
2" -

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Monday
Aug 3, 2015



Sample No: _____

Sample Date: _____

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: Jare

14^a 23 ~~24~~-P

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	1-P Newsprint	-					
	2-P High Grade Paper		2.3				
	3-P Corrugated Cardboard	-					
	4-P Magazines	-					
	5-P Other Paper		2.2				
Plastics	6-P HDPE w/ neck	-					
	7-P PET w/ neck	-					
	8-P Plastic Film		2.2				
	9-P Polypropylene	-					
	10-P Other Plastics		2.3				
Organics	11-P Food Waste	-					
	12-P Yard Waste		2.3				
	13-P Wood Waste		2.1				
	14-P Textiles	-					
	15-P Other Organics		2.2				
Inorganics	- Small Electric Appliances	-					
	- Alkaline Batteries	-					
	- Other Batteries	-					
	16-P Other Inorganics		2.0				
Metals	17-P Aluminum Cans	-					
	18-P Other Aluminum		2.3				
	19-P Ferrous Food Cans	-					
	20-P Other Ferrous		2.3				
	21-P Other Nonferrous		2.2				
Glass	22-P Food and Beverage Glass	-					
	23-P Other Glass		2.2				
Other	- Medical Waste	-					
	- Household Hazardous Waste	-					
	- Special/Problem Waste	-					
TOTALS:							
TOTAL FINES (LBS):							

NOTES: _____

1

RRC Waste Composition Data Sheet

2" Minus

Client Facility: LANDFILL-LAYTON-UT.



Sample No: 1

Sample Date: 8-3-15

Collection Company: ROBINSON

Truck No: 127

Collection Location: MORGAN COUNTY

Ticket No: 2346411

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84040
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2346411

Bill Acct: MORGAN COUNTY
 Haul Acct: ROBINSON WASTE DISPOSAL
 Vehicle# : 11006
 Vehicle Type : 20 - Side Loader
 Fleet # : 127
 Trailer # : SAMPLE 1
 In : 08:01 08/03/15 P
 Out: 08:07 08/03/15 P
 Transaction: 300 - Municipal Automate
 Origin: 180 - Morgan County
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:
 Lbs Tons
 55200 27.60 Gross
 35400 17.70 Tare
 19800 9.90 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

PETE NORTHRUP

Total Fines (lb)

Driver: 

NOTES: _____

Sydon

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Warratch



Sample No: 1

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

*36.9
5.7
31.2*

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		14.8			0	
	2 High Grade Paper		9.5			0	
	Corrugated Cardboard		20.6			0	
	4 Magazines		8.6			0	
	Other Paper		24.6	31.3		0	
Plastics	HDPE w/ neck		9.6			0	
	PET w/ neck		12.1			0	
	Plastic Film		26.7			0	
	Polypropylene		6.1			0	
	Other Plastics		30.1			0	
Organics	Food Waste	30.0	31.2	7.4	13.5	0	
	Yard Waste		26.0			0	
	Wood Waste		6.5			0	
	Textiles		9.2			0	
	Other Organics		25.0			0	
Inorganics	Small Electric Appliances		0.2	flash lite		0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans		7.1			0	
	Other Aluminum		2.5			0	
	Ferrous Food Cans		4.4			0	
	Other Ferrous	3	3.6			0	
	Other Nonferrous		2.4			0	
Glass	Food and Beverage Glass		12.0			0	
	Other Glass					0	
Other	Medical Waste		—			0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wesatch



Sample No: 1

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

CoROSS

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %	
Paper	Newsprint					0		
	High Grade Paper	<u>Less than 0.1</u>				0		
	Corrugated Cardboard					0		
	Magazines					0		
	Other Paper	<u>3.5</u>				0		
							0	
Plastics	HDPE w/ neck					0		
	PET w/ neck					0		
	Plastic Film	<u>2.3</u>				0		
	Polypropylene					0		
	Other Plastics	<u>2.5</u>				0		
							0	
Organics	Food Waste	<u>3.7</u>	<u>17.75</u>			0		
	Yard Waste	<u>13.5</u>	<u>17.75</u>			0		
	Wood Waste	<u>(0.1)</u>				0		
	Textiles					0		
	Other Organics	<u>2.3</u>				0		
							0	
Inorganics	Small Electric Appliances					0		
	Alkaline Batteries	<u>Less than 0.1</u>				0		
	Other Batteries					0		
	Other Inorganics	<u>3.0</u>				0		
							0	
Metals	Aluminum Cans					0		
	Other Aluminum	<u>2.3</u>				0		
	Ferrous Food Cans					0		
	Other Ferrous	<u>2.4</u>				0		
	Other Nonferrous					0		
							0	
Glass	Food and Beverage Glass					0		
	Other Glass					0		
							0	
Other	Medical Waste					0		
	Household Hazardous Waste					0		
	Special/Problem Waste					0		
							0	
TOTALS:			0	0	0	0	0	

Total Fines (lb) 35.5 → Food & YARD

NOTES: heavy & yard waste

RRC Waste Composition Data Sheet

2" Minus

Client Facility: LANDFILL-LAYTON-UT

Sample No: 2

Sample Date: 8-13-15

Collection Company: WASTEMANAGEMENT

Truck No: 103446

Collection Location: LAYTON CITY

Ticket No: 2346435

2



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
TOTALS:							

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2346435

Bill Acct: LAYTON CITY CORPORATION
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle#: 10584
 Vehicle Type: 20 - Side Loader
 Fleet #: 103446
 Trailer #: SAMPLE 2
 In: 08:35 08/03/15 KMP
 Out: 08:43 08/03/15 PWF
 Transaction: 300 - Municipal Automate
 Origin: 160 - Layton
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:

Lbs	Tons	Gross
50520	25.26	35420
		17.71
		7.55
		Net
15100		
Volume:	0	

Tip Fee	: 0.00
Special Fee	: 0.00
Subtotal	: 0.00
Sales Tax	: 0.00
Total Fee	: 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

JIMMY BERGERON

Driver: _____

9.7.15

Total Fines (lb)

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wastack



Sample No: 2

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		12.5			0	
	High Grade Paper		8.1			0	
	Corrugated Cardboard		23.0			0	
	Magazines		6.6			0	
	Other Paper		21.9	27.7		0	
Plastics	HDPE w/ neck		10.4			0	
	PET w/ neck		11.2			0	
	Plastic Film		24.4			0	
	Polypropylene		5.9			0	
	Other Plastics		28.3			0	
Organics	Food Waste		17.4	15.2		0	
	Yard Waste		24.9	11.6	35.0	327-16.8	
	Wood Waste		6.9			0	
	Textiles		12.4			0	
	Other Organics		7.1			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries		0.3			0	
	Other Inorganics					0	
Metals	Aluminum Cans		6.3			0	
	Other Aluminum		2.6			0	
	Ferrous Food Cans		4.0			0	
	Other Ferrous		4.0	2.4		0	
	Other Nonferrous		2.3			0	
Glass	Food and Beverage Glass		7.3			0	
	Other Glass		0.1			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch

Sample No: 2

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper	(2.4)	(0.1)			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		3.3			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.3			0	
	Polypropylene					0	
	Other Plastics		2.8			0	
Organics	Food Waste		3.7			0	
	Yard Waste		9.6	22.1		0	
	Wood Waste					0	
	Textiles	(5.2)	(0.1)			0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries	(2.1)	(0.1)			0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
	TOTALS:		0	0	0	0	0

Total Fines (lb) 22.1 - YARD WASTE

NOTES: Yard - wear most weights

3

RRC Waste Composition Data Sheet



2 " Minus

Client Facility: LANDFILL - LAYTON - UT.

Sample No: 3

Sample Date: 8-13-15

Collection Company: ACE DISPOSAL

Truck No: 494

Collection Location: WEST BOUNTIFUL

Ticket No: 2346477

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper					0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film					0	
	Polypropylene					0	
	Other Plastics					0	
Organics	Food Waste					0	
	Yard Waste					0	
	Wood Waste					0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
	TOTALS:					0	

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#: 2346477

Bill Acct: WEST BOUNTIFUL CITY
Haul Acct: ACE DISPOSAL
Vehicle# : 11179
Vehicle Type : 20 - Side Loader
Fleet # : 494
Trailer # : SAMPLE 3
In : 09:29 08/03/15 DL
Out: 09:35 08/03/15 PWF
Transaction: 300 - Municipal Automate
Origin: 230 - West Bountiful
Product: 100 - MSW
Rate: \$0.00/na
Special Fees:

PO:
Lbs Tons Gross
57240 28.62
34240 17.12 Tare
23000 11.50 Net
Volume: 0

Tip Fee : 0.00
Special Fee: 0.00
Subtotal : 0.00
Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

***** REPRINTED TICKET *****

Total Fines (lb)

NOTES: _____

Driver: _____

TODD MICHELS

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 3

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		12.8			0	
	High Grade Paper		8.1			0	
	Corrugated Cardboard		16.5			0	
	Magazines		9.6			0	
	Other Paper		36.3	27.0		0	
-							
Plastics	HDPE w/ neck		9.0			0	
	PET w/ neck		10.8			0	
	Plastic Film		31.4			0	
	Polypropylene		6.0			0	
	Other Plastics		28.3			0	
-							
Organics	Food Waste		21.8	15.0	11.3	0	
	Yard Waste		25.4			0	
	Wood Waste		12.8			0	
	Textiles		8.7			0	
	Other Organics		18.4			0	
-							
Inorganics	Small Electric Appliances		0.0			0	
	Alkaline Batteries		Weather	0.1		0	
	Other Batteries		0.0			0	
	Other Inorganics		14.1			0	
-							
Metals	Aluminum Cans		6.7			0	
	Other Aluminum		2.8			0	
	Ferrous Food Cans		3.2			0	
	Other Ferrous		2.9			0	
	Other Nonferrous		2.5			0	
-							
Glass	Food and Beverage Glass					0	
	Other Glass					0	
-							
Other	Medical Waste		—			0	
	Household Hazardous Waste		—			0	
	Special/Problem Waste					0	
-							
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch



Sample No: 3

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		0.1			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		3.5			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.4			0	
	Polypropylene					0	
	Other Plastics		3.0			0	
Organics	Food Waste		3.5		5.6	0	
	Yard Waste		25.4	8.1	50.8	0	
	Wood Waste		2.2			0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries		4	0.1		0	
	Other Batteries					0	
	Other Inorganics		3.3			0	
Metals	Aluminum Cans					0	
	Other Aluminum		2.3			0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		2.5			0	
	Other Glass		0.1			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 56.4 - GRASS 90% FOOD 10%

NOTES: Lots of grass

Not a lot Garbage

4

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: LANDFILL, LAYTON UT



Sample No: 4

Sample Date: 8-03-15

Collection Company: WASTE MANAGEMENT Truck No: 112881

Collection Location: LAYTON Ticket No: 2346532

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2346532

Bill Acct: LAYTON CITY CORPORATION
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle# : 10870
 Vehicle Type : 20 - Side Loader
 Fleet # : 102881
 Trailer # : SAMPLE 4
 In : 11:02 08/03/15 KMP
 Out: 11:07 08/03/15 DL
 Transaction: 300 - Municipal Automate
 Origin: 160 - Layton
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:
 Lbs Tons Gross
 52240 26.12 Gross
 37180 18.59 Tare
 15060 7.53 Net
 Volume: 0
 =====
 Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0
 =====

Payment Type: 4 - No Charge
 Tended: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

N WILLIS

Driver:

Total Fines (lb)

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 4

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



3
42.7
5.6
37.1

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		10.1			0	
	High Grade Paper		11.8			0	
	Corrugated Cardboard		22.8			0	
	Magazines		7.3			0	
	Other Paper		20.7	30.4		0	
Plastics	HDPE w/ neck		9.5			0	
	PET w/ neck		10.2			0	
	Plastic Film		20.9			0	
	Polypropylene		6.2			0	
	Other Plastics		21.2			0	
						0	
Organics	Food Waste		23.9	9.4		0	
	Yard Waste		23.0			0	
	Wood Waste		9.4			0	
	Textiles		8.5			0	
	Other Organics		10.4			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		39.4			0	
Metals	Aluminum Cans		6.5			0	
	Other Aluminum		2.5			0	
	Ferrous Food Cans		4.8			0	
	Other Ferrous		2.5			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		8.3			0	
	Other Glass		6.0			0	
Other	Medical Waste		—			0	
	Household Hazardous Waste		—			0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet



2 " Minus
Client Facility: Wasatch

Sample No: 4

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		0.1			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		5.0			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.3			0	
	Polypropylene					0	
	Other Plastics		4.0			0	
Organics	Food Waste		8.1	5.1		0	
	Yard Waste		4.5	5.1		0	
	Wood Waste		2.4			0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		14.6			0	
Metals	Aluminum Cans					0	
	Other Aluminum		2.3			0	
	Ferrous Food Cans					0	
	Other Ferrous		2.3			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass		0.1			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) ~~10.2~~ 10.2 50% Food 50% Yard

NOTES: _____

12.3

5

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: LANDFILL - LAYTON UT



Sample No: 5

Sample Date: 8-03-15

Collection Company: Waste Management

Truck No: 102728

Collection Location: CLEARFIELD

Ticket No: 2346567

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#: 2346567

Bill Acct: CLEARFIELD CITY CORP
Haul Acct: WASTE MANAGEMENT N. UTAH
Vehicle#: 11002
Vehicle Type: 20 - Side Loader
Fleet #: 102728
Trailer #: SAMPLE 5
In: 11:59 08/03/15 KMP
Out: 12:08 08/03/15 DL
Transaction: 300 - Municipal Automate
Origin: 110 - Clearfield
Product: 100 - MSW
Rate: \$0.00/na
Special Fees:

PO:

Lbs	Tons	Gross
55000	27.50	
38620	19.31	Tare
16380	8.19	Net

Volume: 0

=====
Tip Fee : 0.00
Special Fee: 0.00
Subtotal : 0.00
Sales Tax : 0.00
Total Fee : 0
=====

Payment Type: 4 - No Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

***** REPRINTED TICKET *****

BRETT JUDON

Total Fines (lb)

Driver: Brett Judon

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Wasatch

Sample No: 5

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		12.6			0	
	High Grade Paper		9.2			0	
	Corrugated Cardboard		22.10			0	
	Magazines		6.6			0	
	Other Paper		31.7	44.3		0	
Plastics	HDPE w/ neck		11.3			0	
	PET w/ neck		13.1			0	
	Plastic Film		26.8			0	
	Polypropylene		6.8			0	
	Other Plastics		30.1			0	
Organics	Food Waste		13.7	10.6		0	
	Yard Waste		15.3			0	
	Wood Waste		7.6			0	
	Textiles		18.6	27.3		0	
	Other Organics		12.3			0	
Inorganics	Small Electric Appliances		1.0			0	
	Alkaline Batteries		0.2			0	
	Other Batteries					0	
	Other Inorganics		6.2			0	
Metals	Aluminum Cans		7.4	7.4		0	
	Other Aluminum		2.8			0	
	Ferrous Food Cans		2.3			0	
	Other Ferrous		2.0			0	
	Other Nonferrous		4.3			0	
Glass	Food and Beverage Glass		8.0			0	
	Other Glass		1.0			0	
Other	Medical Waste		—			0	
	Household Hazardous Waste		—			0	
	Special/Problem Waste		—			0	
TOTALS:			0	0	0	0	0

NOTES: _____

Handwritten initials

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch



Sample No: 5

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		0.1			0	
	Corrugated Cardboard		used then 0.1			0	
	Magazines					0	
	Other Paper		5.4 - heavy & food			0	
Plastics	HDPE w/ neck		0.1			0	
	PET w/ neck					0	
	Plastic Film		2.5			0	
	Polypropylene					0	
	Other Plastics		2.9			0	
Organics	Food Waste		4.6			0	
	Yard Waste		8.5			0	
	Wood Waste		2.2			0	
	Textiles					0	
	Other Organics		2.2			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		2.2			0	
Metals	Aluminum Cans					0	
	Other Aluminum		2.4			0	
	Ferrous Food Cans					0	
	Other Ferrous		2.4			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

11.3
15.4
9.8
7.4

Total Fines (lb) (7.7)

NOTES: _____

6

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Landfill Layton - UT



Sample No: 6

Sample Date: 8-03-15

Collection Company: ROBINSON

Truck No: 120

Collection Location: South Weber

Ticket No: 2346605

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#: 2346605

Bill Acct: SOUTH WEBER CITY
Haul Acct: ROBINSON WASTE DISPOSAL
Vehicle# : 10674
Vehicle Type : 20 - Side Loader
Fleet # : 120
Trailer # : CARTER
In : 12:44 08/03/15 KMP
Out: 12:52 08/03/15 DL
Transaction: 300 - Municipal Automate
Origin: 200 - South Weber
Product: 100 - MSW
Rate: 50.00/na
Special Fees:

PO:
Lbs Tons
49860 24.93 Gross
35100 17.55 Tare
14760 7.38 Net
Volume: 0

=====
Tip Fee : 0.00
Special Fee: 0.00
Subtotal : 0.00
Sales Tax : 0.00
Total Fee : 0
=====

Payment Type: 4 - No Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

***** REPRINTED TICKET *****
SAMPLE 6
CARTER

Total Fines (lb)

NOTES: _____

Driver: _____

RRC Waste Composition Data Sheet
Oversized & Problem Materials



Client Facility: Wastech Sample Date: 8/3/15

Sample No.: 6 Truck No.: _____

Collection Co.: _____ Collection Loc.: _____

Ticket No.: _____

Item Description	Count	Approximate Total Weight
Major Appliances		
Tires		
Long & Linear Waste (hose, tape, wire, string, cable, etc.)		
Carpet and/or Padding		
Furniture		
Large E-Waste (Computers, Monitors, TVs, DVD Players, etc.)		
Large Rolls and Spindles of Long & Linear Waste		
Other Large Metal Objects		
Other Large Plastic Objects		
Other Items (list)		
<i>NONE</i>		
<i>Ø</i>		
Totals:		0

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch



Sample No: 6

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		17.9			0	
	High Grade Paper	9.0	9.0			0	
	Corrugated Cardboard		22.7			0	
	Magazines	13.8	13.8			0	
	Other Paper		29.8	31.0		0	
Plastics	HDPE w/ neck		10.7			0	
	PET w/ neck		13.4			0	
	Plastic Film		26.4			0	
	Polypropylene		6.5			0	
	Other Plastics		25.0			0	
Organics	Food Waste		20.0	25.6		0	
	Yard Waste	11.4	11.4			0	
	Wood Waste		7.2			0	
	Textiles		7.9			0	
	Other Organics		26.1			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries		0.1			0	
	Other Batteries					0	
	Other Inorganics		22.1			0	
Metals	Aluminum Cans	7.0	7.0			0	
	Other Aluminum	2.9	2.9			0	
	Ferrous Food Cans	4.4	4.4			0	
	Other Ferrous	4.1	4.1			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		13.4			0	
	Other Glass		0.5			0	
Other	Medical Waste		-			0	
	Household Hazardous Waste		-			0	
	Special/Problem Waste		-			0	
TOTALS:			0	0	0	0	0

NOTES: _____

Ruby
Riviera
Good wood
B.B.P Co.
Riviera

RRC Waste Composition Data Sheet



2" Minus

Client Facility: Wasatch

Sample No: 6

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

~~Food~~
mascot
meme

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.4			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		3.7			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.2			0	
	Polypropylene					0	
	Other Plastics		2.7			0	
Organics	Food Waste		5.6			0	
	Yard Waste			15.2		0	
	Wood Waste		0.1			0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum		2.4			0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 9.5 INCLUDED FROM HERE ON OUT.

NOTES: _____

7

RRC Waste Composition Data Sheet



2" Minus

Client Facility: Landfill Layton UT

Sample No: 7

Sample Date: 8/03/15

Collection Company: Waste Management

Truck No: 102882

Collection Location: Layton

Ticket No: 2346659

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper					0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film					0	
	Polypropylene					0	
	Other Plastics					0	
Organics	Food Waste					0	
	Yard Waste					0	
	Wood Waste					0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
	TOTALS:					0	

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#: 2346659

Bill Acct: LAYTON CITY CORPORATION
Haul Acct: WASTE MANAGEMENT N. UTAH
Vehicle#: 10977
Vehicle Type: 20 - Side Loader
Fleet #: 102882
Trailer #: HOTH
In: 14:09 08/03/15 KMP
Out: 14:17 08/03/15 DL
Transaction: 300 - Municipal Automate
Origin: 160 - Layton
Product: 100 - MSW
Rate: \$0.00/na
Special Fees:

PO:
Lbs Tons
45000 22.50 Gross
37040 18.52 Tare
7960 3.98 Net
Volume: 0

Tip Fee : 0.00
Special Fee: 0.00
Subtotal : 0.00
Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

Total Fines (lb)

NOTES: _____

Driver: [Signature]

***** REPRINTED TICKET *****
SAMPLE 7
A HOTH

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch



Sample No: 7

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

1630
553
3

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		10.9			0	
	High Grade Paper		5.9			0	
	Corrugated Cardboard		17.8			0	
	Magazines		10.9			0	
	Other Paper		22.3	20.5		0	
Plastics	HDPE w/ neck		10.8			0	
	PET w/ neck		10.0			0	
	Plastic Film		20.4			0	
	Polypropylene		6.3			0	
	Other Plastics		20.9			0	
Organics	Food Waste		19.0	17.9		0	
	Yard Waste	(55.3)	55.3	14.4		0	
	Wood Waste		6.5			0	
	Textiles		7.3			0	
	Other Organics		9.9			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		28.2	Concrete + Rods	11.3	0	
Metals	Aluminum Cans		5.8			0	
	Other Aluminum		3.4			0	
	Ferrous Food Cans		3.2			0	
	Other Ferrous		17.9	5.5		0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		7.6			0	
	Other Glass		6.8			0	
Other	Medical Waste		-			0	
	Household Hazardous Waste		-			0	
	Special/Problem Waste		-			0	
TOTALS:			0	0	0	0	0

NOTES:

yard 55.3 - Large amt yard waste

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch



Sample No: 7

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		2.8			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.3			0	
	Polypropylene					0	
	Other Plastics		2.5			0	
Organics	Food Waste		5.3			0	
	Yard Waste		8.8			0	
	Wood Waste					0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous		2.5			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 5.0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: landfill Layton UT

Sample No: 8

Sample Date: 8/03/15

Collection Company: Waste Management

Truck No: 101880

Collection Location: _____

Ticket No: 2346682



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5606
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2346682

Bill Acct: LAYTON CITY CORPORATION
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle# : 10846
 Vehicle Type : 20 - Side Loader
 Fleet # : 101880
 Trailer # : SPARKY
 In : 14:52 08/03/15 KMP
 Out: 15:03 08/03/15 KMP
 Transaction: 300 - Municipal Automate
 Origin: 160 - Layton
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

#8

PO:

Lbs	Tons	Gross
53300	26.65	
36960	18.48	Tare
16340	8.17	Net
Volume:	0	

Tip Fee : 0.00
 Special Fee: 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: \$0.00 Change: \$0.00
 Check Number:
 Credit Card Number:
 Credit Card Authorization:

SPARKY

Driver: _____

GATE CODE: XXXX*

Total Fines (lb)

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wastack

Sample No: 8

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		10.4			0	
	High Grade Paper		7.7	0.0		0	
	Corrugated Cardboard		21.2			0	
	Magazines		6.9			0	
	Other Paper		32.7	29.7		0	
Plastics	HDPE w/ neck		10.7			0	
	PET w/ neck		13.4			0	
	Plastic Film		28.9			0	
	Polypropylene		7.4			0	
	Other Plastics		26.4			0	
Organics	Food Waste		27.4	20.9		0	
	Yard Waste		5.6			0	
	Wood Waste		13.6			0	
	Textiles		9.6			0	
	Other Organics		50.3			0	
Inorganics	Small Electric Appliances		1.7			0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans		7.2			0	
	Other Aluminum		2.9			0	
	Ferrous Food Cans		3.9			0	
	Other Ferrous		2.4			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		9.8			0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch



Sample No: 8

Sample Date: 8/3/15

Collection Company: 8

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %	
Paper	Newsprint	}				0		
	High Grade Paper					0		
	Corrugated Cardboard					0		
	Magazines					0		
	Other Paper			4.5			0	
Plastics	HDPE w/ neck	}				0		
	PET w/ neck					0		
	Plastic Film			2.4			0	
	Polypropylene					0		
	Other Plastics			3.1			0	
Organics	Food Waste	}		5.1		0		
	Yard Waste			12.7		0		
	Wood Waste					0		
	Textiles			0.1		0		
	Other Organics			Leather 0.1		0		
Inorganics	Small Electric Appliances	}		0.1		0		
	Alkaline Batteries					0		
	Other Batteries					0		
	Other Inorganics			Leather 0.1		0		
Metals	Aluminum Cans	}				0		
	Other Aluminum			2.3		0		
	Ferrous Food Cans					0		
	Other Ferrous			2.3		0		
	Other Nonferrous					0		
Glass	Food and Beverage Glass	}				0		
	Other Glass					0		
Other	Medical Waste	}				0		
	Household Hazardous Waste					0		
	Special/Problem Waste					0		
TOTALS:			0	0	0	0	0	

Total Fines (lb) 6.5

NOTES: _____

9

RRC Waste Composition Data Sheet



2 " Minus
Client Facility: Landfill Layton-UT

Sample No: 9 Sample Date: 8/3/15

Collection Company: ACE DISPOSAL Truck No: 462

Collection Location: Layton Ticket No: 2346690

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#: 2346690

Bill Acct: ACE DISPOSAL
Haul Acct: ACE DISPOSAL
Vehicle# : ACE10294
Vehicle Type : 20 - Side Loader
Fleet # : 462
Trailer # : SAMPLE 7
In : 15:16 08/03/15 PWF
Out: 15:23 08/03/15 KMP
Transaction: 220 - Commercial Automat
Origin: 160 - Layton
Product: 100 - MSW
Rate: \$0.00/na
Special Fees:

PO:
Lbs Tons Gross
48640 24.32
33300 16.65 Tare
15340 7.67 Net
Volume: 0

Tip Fee : 0.00
Special Fee: 0.00
Subtotal : 0.00
Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

***** REPRINTED TICKET *****

MCEWEN

Driver: MCEWEN

Total Fines (lb)

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 9

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		12.6			0	
	High Grade Paper		5.9			0	
	Corrugated Cardboard		11.7			0	
	Magazines		0.3			0	
	Other Paper		27.7	23.0		0	
Plastics	HDPE w/ neck		9.5			0	
	PET w/ neck		14.1			0	
	Plastic Film		24.2			0	
	Polypropylene		6.2			0	
	Other Plastics		23.6			0	
Organics	Food Waste		21.0	24.8		0	
	Yard Waste		5.6			0	
	Wood Waste		8.0			0	
	Textiles		7.7			0	
	Other Organics		1.8			0	
Inorganics	Small Electric Appliances		2.1			0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		10.3			0	
Metals	Aluminum Cans		7.0			0	
	Other Aluminum		2.7			0	
	Ferrous Food Cans		5.4			0	
	Other Ferrous		2.4			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		13.6			0	
	Other Glass		0.3			0	
Other	Medical Waste		-			0	
	Household Hazardous Waste		-			0	
	Special/Problem Waste		-			0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch



Sample No: 9

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

*add
- 15.2
86.2*

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.4			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		4.8			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.3			0	
	Polypropylene		Leather (0.1)			0	
	Other Plastics	3.0	3.0			0	
Organics	Food Waste		8.3	6.4		0	
	Yard Waste					0	
	Wood Waste		2.2			0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries		0.1			0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum	2.3	2.3			0	
	Ferrous Food Cans					0	
	Other Ferrous	2.3	2.3			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass			0.1		0	
	Other Glass		0.2			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 8.3

NOTES: _____

5

10

RRC Waste Composition Data Sheet



2" Minus Client Facility: Landfill-Layton-UT

Sample No: 10 Sample Date: 8/3/15

Collection Company: Ace Disposal Truck No: 485

Collection Location: Centerville Ticket No: 2346696

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#: 2346696

Bill Acct: ACE DISPOSAL
Haul Acct: ACE DISPOSAL
Vehicle# : ACE11119
Vehicle Type : 20 - Side Loader
Fleet # : 485
Trailer # : SAMPLE 9
In : 15:27 08/03/15 PWF
Out: 15:36 08/03/15 KMP
Transaction: 220 - Commercial Automat
Origin: 100 - Centerville
Product: 100 - MSW
Rate: \$0.00/na
Special Fees:

PO:
Lbs Tons Gross
40180 20.09 Gross
36000 18.00 Tare
4180 2.09 Net
Volume: 0

Tip Fee : 0.00
Special Fee: 0.00
Subtotal : 0.00
Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

10

Total Fines (lb)

NOTES: _____

***** REPRINTED TICKET *****

MIKE POWERS

Driver:

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch



Sample No: 10

Sample Date: 8/3/14

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

6.5

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		16.3			0	
	High Grade Paper		9.1			0	
	Corrugated Cardboard		23.9			0	
	Magazines		9.5			0	
	Other Paper		26.7	34.9		0	
Plastics	HDPE w/ neck		11.9			0	
	PET w/ neck		11.5			0	
	Plastic Film		24.6			0	
	Polypropylene		6.3			0	
	Other Plastics		24.6			0	
Organics	Food Waste		89.0	22.2	17.0	0	
	Yard Waste		27.0	7.1		0	
	Wood Waste			6.0		0	
	Textiles		7.9			0	
	Other Organics		21.2			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		27.2	Lots of Kitty Litter		0	
Metals	Aluminum Cans		6.5			0	
	Other Aluminum		2.5			0	
	Ferrous Food Cans		3.1			0	
	Other Ferrous			6.9		0	
	Other Nonferrous		6.7			0	
Glass	Food and Beverage Glass			1.3		0	
	Other Glass		0.1			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	

NOTES: _____

18.5 lbs
 17.3 lbs
 30.4 lbs

RRC Waste Composition Data Sheet

2 " Minus



Client Facility: Wesatch

Sample No: 10

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.6			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		4.3			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.4			0	
	Polypropylene					0	
	Other Plastics		2.9			0	
Organics	Food Waste		6.1			0	
	Yard Waste			2.4		0	
	Wood Waste		0.1			0	
	Textiles		0.1			0	
	Other Organics			5.2		0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		4.3	0.4		0	
Metals	Aluminum Cans					0	
	Other Aluminum		Loose			0	
	Ferrous Food Cans					0	
	Other Ferrous		2.4			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass		2.3			0	
Other	Medical Waste		1-Needle			0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb)

4.8

INCLUDED IN ABOVE
Mostly dirt (in Org.)

NOTES:

11

RRC Waste Composition Data Sheet



2" Minus
Client Facility: Landfill-Layton-UT

Sample No: 11 Sample Date: 8/3/15

Collection Company: ACE DISPOSAL Truck No: 456

Collection Location: West Bountiful Ticket No: 2346704

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2346704

Bill Acct: ACE DISPOSAL
 Haul Acct: ACE DISPOSAL
 Vehicle# : ACE10318
 Vehicle Type : 20 - Side Loader
 Fleet # : 456
 Trailer # : SAMPLE 11
 In : 15:36 08/03/15 PWF
 Out: 15:42 08/03/15 KMP
 Transaction: 210 - Commercial Weighed
 Origin: 230 - West Bountiful
 Product: 100 - MSW
 Rate: \$30.00/tn
 Special Fees:

PO:
 Lbs Tons Gross
 37220 18.61 Gross
 32800 16.40 Tare
 4420 2.21 Net
 Volume: 0

Tip Fee : 66.30
 Special Fee: 0.00
 Subtotal : 66.30
 Sales Tax : 0.00
Total Fee : \$66.30

Payment Type: 1 - Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

C LINTON

Driver: Carol Linton

Total Fines (lb)

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Wesatch

Sample No: 11

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

[Handwritten scribble]

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		9.4			0	
	High Grade Paper		6.2			0	
	Corrugated Cardboard		18.2			0	
	Magazines		7.3			0	
	Other Paper		28.6	27.0		0	
Plastics	HDPE w/ neck		10.8			0	
	PET w/ neck		12.1			0	
	Plastic Film		23.4			0	
	Polypropylene		6.3			0	
	Other Plastics		29.2			0	
Organics	Food Waste		14.8	12.1		0	
	Yard Waste		33.3			0	
	Wood Waste		15.1			0	
	Textiles		23.8			0	
	Other Organics		15.9	27.4		0	
Inorganics	Small Electric Appliances		2.2			0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		13.9			0	
Metals	Aluminum Cans		7.9			0	
	Other Aluminum		3.3			0	
	Ferrous Food Cans		4.8			0	
	Other Ferrous		7.6			0	
	Other Nonferrous		2.8			0	
Glass	Food and Beverage Glass		12.9			0	
	Other Glass		0.2	6.6		0	
Other	Medical Waste					0	
	Household Hazardous Waste		3.1	Rugs spray	0.5 PAINT	0.5 Lead	
	Special/Problem Waste					5 Shampoo	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch



Sample No: 11

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Gross

Category	Component	Weight	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper	2.4				0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper	3.5				0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film	2.3				0	
	Polypropylene					0	
	Other Plastics	2.8				0	
Organics	Food Waste	3.5				0	
	Yard Waste	14.5				0	
	Wood Waste	2.2				0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries	1.0				0	
	Other Batteries					0	
	Other Inorganics	5.5				0	
Metals	Aluminum Cans					0	
	Other Aluminum	2.3				0	
	Ferrous Food Cans					0	
	Other Ferrous	2.3 (0.1)				0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass	2.8				0	
	Other Glass	2.8				0	
Other	Medical Waste	1 - needle				0	
	Household Hazardous Waste	0.4 - shot gun shells				0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

*Shells
0.4
1-needle*

Total Fines (lb)

6.2

INCLUDED IN ABOVE

NOTES: _____

*8.7
2.5
6.2*

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: ~~100~~

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Start Tuesday
Jane

DAY # 2 TARES
2" +



Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	8.4				0	
	High Grade Paper	5.5				0	
	Corrugated Cardboard	15.5				0	
	Magazines	5.7				0	
	Other Paper	15.3				0	
Plastics	HDPE w/ neck	8.4				0	
	PET w/ neck	8.8				0	
	Plastic Film	15.3				0	
	Polypropylene	5.7				0	
	Other Plastics	15.8				0	
Organics	Food Waste	2.3				0	
	Yard Waste	5.2				0	
	Wood Waste	5.8				0	
	Textiles	6.4				0	
	Other Organics	5.5				0	
Inorganics	Small Electric Appliances	-				0	
	Alkaline Batteries	-				0	
	Other Batteries	-				0	
	Other Inorganics	5.5				0	
Metals	Aluminum Cans	5.6				0	
	Other Aluminum	2.3				0	
	Ferrous Food Cans	2.3				0	
	Other Ferrous	2.3				0	
	Other Nonferrous	2.3				0	
Glass	Food and Beverage Glass	5.4				0	
	Other Glass	5.5				0	
Other	Medical Waste	-				0	
	Household Hazardous Waste	-				0	
	Special/Problem Waste	-				0	
TOTALS:		0	0	0	0	0	0

NOTES: Jane - 2.0

DAY # 2 TAREZ
2"

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No: 10

Sample Date: 8/11/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Tuesday
John



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %	
Paper	Newsprint	—				0		
	High Grade Paper	2.3				0		
	Corrugated Cardboard	—				0		
	Magazines	—				0		
	Other Paper	2.2				0		
							0	
Plastics	HDPE w/ neck	—				0		
	PET w/ neck	—				0		
	Plastic Film	2.2				0		
	Polypropylene	—				0		
	Other Plastics	2.3				0		
							0	
Organics	Food Waste	2.5				0		
	Yard Waste	2.3				0		
	Wood Waste	2.1				0		
	Textiles	—				0		
	Other Organics	2.2				0		
							0	
Inorganics	Small Electric Appliances	—				0		
	Alkaline Batteries	—				0		
	Other Batteries	—				0		
	Other Inorganics	2.0				0		
							0	
Metals	Aluminum Cans	—				0		
	Other Aluminum	2.3				0		
	Ferrous Food Cans	—				0		
	Other Ferrous	2.3				0		
	Other Nonferrous	2.2				0		
							0	
Glass	Food and Beverage Glass	2.2				0		
	Other Glass	2.2				0		
							0	
Other	Medical Waste	—				0		
	Household Hazardous Waste	—				0		
	Special/Problem Waste	—				0		
							0	
TOTALS:			0	0	0	0	0	

Total Fines (lb) inc 2.0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus
Client Facility: Landfill-Layton-Utah



12

Sample No: 12

Sample Date: 4 Aug 15

Collection Company: ROBINSON

Truck No: 306

Collection Location: _____

Ticket No: 2346794

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#: 2346794

#12

Bill Acct: ROBINSON WASTE DISPOSAL
Haul Acct: ROBINSON WASTE DISPOSAL
Vehicle#: ROB10412
Vehicle Type : 21 - Front Loader
Fleet # : 306
Trailer # : SAMPLE 12 G
In : 07:10 08/04/15 DL
Out: 07:19 08/04/15 DL
Transaction: 210 - Commercial Weighed
Origin: 1 - Not Specified
Product: 100 - MSW
Rate: \$30.00/tn
Special Fees:

PO:
Lbs Tons
63280 31.64 Gross
36800 18.40 Tare
26480 13.24 Net
Volume: 0

Tip Fee : 397.20
Special Fee: 0.00
Subtotal : 397.20
Sales Tax : 0.00
Total Fee : \$397.20

Payment Type: 1 - Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

***** REPRINTED TICKET *****

J GRAHAM

Driver:

Total Fines (lb)

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Waxata

Sample No: 12

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		9.0			0	
	High Grade Paper		9.2			0	
	Corrugated Cardboard		31.0			0	
	Magazines		6.5			0	
	Other Paper		43.4	46.8		0	
Plastics	HDPE w/ neck		15.7			0	
	PET w/ neck		11.7			0	
	Plastic Film		37.4			0	
	Polypropylene			6.2		0	
	Other Plastics		(6.2)	39.0		0	
Organics	Food Waste		19.2	21.5		0	
	Yard Waste					0	
	Wood Waste		7.3			0	
	Textiles		10.8			0	
	Other Organics		17.0			0	
Inorganics	Small Electric Appliances		(0.0)			0	
	Alkaline Batteries		-			0	
	Other Batteries		-			0	
	Other Inorganics		-			0	
Metals	Aluminum Cans		6.3			0	
	Other Aluminum		2.4			0	
	Ferrous Food Cans		8.4			0	
	Other Ferrous		2.4			0	
	Other Nonferrous		-			0	
Glass	Food and Beverage Glass		6.8			0	
	Other Glass		8.8			0	
Other	Medical Waste		1 - Needle			0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:		0	0	0	0	0	0

NOTES: 2 Sample ^{appressed} from Medical facility
+ food

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch



Sample No: 12

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.6			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		5.6			0	
Plastics	HDPE w/ neck		2.8	(0.3)		0	
	PET w/ neck					0	
	Plastic Film		2.9			0	
	Polypropylene					0	
	Other Plastics		3.7			0	
Organics	Food Waste		9.0			0	
	Yard Waste					0	
	Wood Waste					0	
	Textiles		(0.3)			0	
	Other Organics		2.3			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries		(0.1)			0	
	Other Batteries					0	
	Other Inorganics		Leather			0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans		Leather			0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass		2.9			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 14.8

NOTES: mostly food little other plastic

13

RRC Waste Composition Data Sheet



2" Minus Client Facility: Landfill-Layton-Utah

Sample No: 13 Sample Date: 8/4/15

Collection Company: Robinson Waste Truck No: 117

Collection Location: South Weber Ticket No: 2346804

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#: 2346804

Bill Acct: SOUTH WEBER CITY
Haul Acct: ROBINSON WASTE DISPOSAL
Vehicle# : 10495
Vehicle Type : 20 - Side Loader
Fleet # : 117
Trailer # : SAMPLE 13
In : 07:39 08/04/15 DL
Out: 07:46 08/04/15 KMP
Transaction: 300 - Municipal Automate
Origin: 200 - South Weber
Product: 100 - MSW
Rate: \$0.00/na
Special Fees:

PO:
Lbs Tons
49460 24.73 Gross
36320 18.16 Tare
13140 6.57 Net
Volume: 0

Tip Fee : 0.00
Special Fee: 0.00
Subtotal : 0.00
Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

#13

***** REPRINTED TICKET *****
HIGLEY
HIGLEY

Total Fines (lb)

Driver: [Signature]

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 13

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		13.8			0	
	High Grade Paper		8.1			0	
	Corrugated Cardboard		14.8			0	
	Magazines		15.4			0	
	Other Paper		24.6	35.8		0	
Plastics	HDPE w/ neck		10.6			0	
	PET w/ neck		15.3			0	
	Plastic Film		25.0	54.8	with food	0	
	Polypropylene		2.1			0	
	Other Plastics		21.8			0	
Organics	Food Waste			4.9	26.4	22.3	0
	Yard Waste		22.2	grass	8.0	0	
	Wood Waste			6.3		0	
	Textiles		9.6			0	
	Other Organics		11.0			0	
Inorganics	Small Electric Appliances		-			0	
	Alkaline Batteries		-			0	
	Other Batteries		-			0	
	Other Inorganics		16.0			0	
Metals	Aluminum Cans		7.5			0	
	Other Aluminum		3.4			0	
	Ferrous Food Cans		4.1			0	
	Other Ferrous		3.4			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		11.5			0	
	Other Glass		6.0			0	
Other	Medical Waste		-			0	
	Household Hazardous Waste		-			0	
	Special/Problem Waste		-			0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wrecker



Sample No: 13

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper			4.3		0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film			2.3		0	
	Polypropylene					0	
	Other Plastics			3.2		0	
Organics	Food Waste			5.5		0	
	Yard Waste			5.3		0	
	Wood Waste			2.2		0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries			0.5		0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum			2.3		0	
	Ferrous Food Cans					0	
	Other Ferrous			2.3		0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass			2.4		0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 5.4

NOTES: food & yard

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Landfill-Layton-Utah



14

Sample No: 14

Sample Date: 8/4

Collection Company: Waste Management

Truck No: 102728

Collection Location: Clearfield

Ticket No: 2346871

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper					0	
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
	Metals	Aluminum Cans					
Other Aluminum							
Ferrous Food Cans							
Other Ferrous							
Other Nonferrous							
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
TOTALS:							

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2346871

Bill Acct: CLEARFIELD CITY CORP
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle#: 11002
 Vehicle Type: 20 - Side Loader
 Fleet #: 102728
 Trailer #: SAMPLE 14
 In: 09:08 08/04/15 DL
 Out: 09:16 08/04/15 KMP
 Transaction: 300 - Municipal Automate
 Origin: 110 - Clearfield
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:
 Lbs Tons
 57080 28.54 Gross
 38640 19.32 Tare
 18440 9.22 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

Total Fines (lb)

UDSON

NOTES: _____

Driver: Butt Jackson

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 14

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		12.4			0	
	High Grade Paper		8.7			0	
	Corrugated Cardboard		18.7			0	
	Magazines		8.5			0	
	Other Paper		30.7	51.6		0	
Plastics	HDPE w/ neck		12.3			0	
	PET w/ neck		11.5			0	
	Plastic Film		26.0			0	
	Polypropylene		6.5			0	
	Other Plastics		34.1	(0.3)		0	
Organics	Food Waste		17.2	12.3		0	
	Yard Waste		6.7			0	
	Wood Waste		9.8			0	
	Textiles		10.7			0	
	Other Organics		32.2			0	
Inorganics	Small Electric Appliances		(0.2)			0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		8.0			0	
Metals	Aluminum Cans		7.5			0	
	Other Aluminum		2.8			0	
	Ferrous Food Cans		3.9			0	
	Other Ferrous		6.8			0	
	Other Nonferrous		4.4			0	
Glass	Food and Beverage Glass		12.1			0	
	Other Glass		6.1			0	
Other	Medical Waste					0	
	Household Hazardous Waste		(0.9)			0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch

Sample No: 14

Sample Date: 8/4/15



Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Gross

Category	Component	Gross WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper	<i>Less than</i>				0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper	<i>4.1</i>				0	
						0	
Plastics	HDPE w/ neck	<i>Less than</i>				0	
	PET w/ neck					0	
	Plastic Film	<i>2.5</i>				0	
	Polypropylene	<i>Less than</i>				0	
	Other Plastics	<i>3.3</i>				0	
						0	
Organics	Food Waste	<i>4.9</i>				0	
	Yard Waste	<i>5.8</i>				0	
	Wood Waste	<i>Less than</i>				0	
	Textiles	<i>Less than</i>				0	
	Other Organics	<i>4.1</i>				0	
						0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries	<i>(0.0)</i>				0	
	Other Batteries					0	
	Other Inorganics					0	
						0	
Metals	Aluminum Cans					0	
	Other Aluminum	<i>2.3</i>				0	
	Ferrous Food Cans					0	
	Other Ferrous	<i>2.4 (0.0)</i>				0	
	Other Nonferrous					0	
						0	
Glass	Food and Beverage Glass					0	
	Other Glass	<i>Less than</i>				0	
						0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
						0	
	TOTALS:		0	0	0	0	0

Total Fines (lb) 9.9

NOTES: food-yard

15



RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Landfill-Layton-Utah

Sample No: 15 Sample Date: 8/4/15

Collection Company: Waste Management Truck No: 103090

Collection Location: Woods Cross Ticket No: 2346882

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper					0	
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2346882

Bill Acct: WOODS CROSS CITY
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle#: 11136
 Vehicle Type: 20 - Side Loader
 Fleet #: 103090
 Trailer #: SAMPLE 15
 In: 09:26 08/04/15 DL
 Out: 09:31 08/04/15 KMP
 Transaction: 300 - Municipal Automate
 Origin: 250 - Woods Cross City
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:
 Lbs Tons
 48600 24.30 Gross
 35060 17.53 Tare
 13540 6.77 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

JAY ROWLEY

Driver:

Total Fines (lb)

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Wesatch

Sample No: 15

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

4
398
156
39
2

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		9.4			0	
	High Grade Paper		6.2			0	
	Corrugated Cardboard		17.2			0	
	Magazines		10.5			0	
	Other Paper		28.0	37.7		0	
Plastics	HDPE w/ neck		10.1			0	
	PET w/ neck		12.4			0	
	Plastic Film		24.7			0	
	Polypropylene		6.6			0	
	Other Plastics		20.5			0	
						0	
Organics	Food Waste		9.8	27.4	19.6	0	
	Yard Waste		9.6			0	
	Wood Waste		(39.2)	17.1		0	
	Textiles			14.5		0	
	Other Organics		17.2			0	
Inorganics	Small Electric Appliances		(5.3)			0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		12.2			0	
Metals	Aluminum Cans		7.0			0	
	Other Aluminum		3.5			0	
	Ferrous Food Cans		3.3			0	
	Other Ferrous		8.0			0	
	Other Nonferrous		2.6			0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
						0	
	TOTALS:		0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch

Sample No: 15

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		5.1			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.3			0	
	Polypropylene					0	
	Other Plastics		3.0			0	
Organics	Food Waste		10.5			0	
	Yard Waste		9.1			0	
	Wood Waste					0	
	Textiles					0	
	Other Organics		2.4			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries	0.5	0.3			0	
	Other Batteries					0	
	Other Inorganics	2.5	2.5			0	
Metals	Aluminum Cans					0	
	Other Aluminum			Leather		0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass	2.5	2.5			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 6.4

NOTES: yard + food

16



RRC Waste Composition Data Sheet

2" Minus
Client Facility: Landfill-Layton-Utah

Sample No: 16 Sample Date: 8/4/15

Collection Company: A-1 Disposal Truck No: 103

Collection Location: Front Loader Ticket No: 2346907

Category	Component	Tare Wt	Gross Wt	Gross Wt	Gross Wt	Total Net Wt	WT %
Paper	Newsprint					0	
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2346907

Bill Acct: A-1 DISPOSAL
 Haul Acct: A-1 DISPOSAL
 Vehicle# : ADI9749
 Vehicle Type : 21 - Front Loader
 Fleet # : 103
 Trailer # : SAMPLE 16
 In : 09:51 08/04/15 DL
 Out: 09:59 08/04/15 KMP
 Transaction: 210 - Commercial Weighed
 Origin: 1 - Not Specified
 Product: 100 - MSW
 Rate: \$30.00/tn
 Special Fees:

PO:
 Lbs Tons
 48200 24.10 Gross
 35700 17.85 Tare
 12500 6.25 Net
 Volume: 0

Tip Fee : 187.50
 Special Fee: 0.00
 Subtotal : 187.50
 Sales Tax : 0.00
Total Fee : \$187.50

Payment Type: 1 - Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

K DINESDALE

Driver: Key Dinesdale

Total Fines (lb)

NOTES: _____

#16

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 16

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper	6.0				0	
	Corrugated Cardboard	26.4				0	
	Magazines	0.9				0	
	Other Paper	29.6	49.0			0	
Plastics	HDPE w/ neck	8.5				0	
	PET w/ neck	13.1				0	
	Plastic Film	31.7				0	
	Polypropylene	8.2				0	
	Other Plastics	29.4				0	
Organics	Food Waste	12.1	13.1			0	
	Yard Waste					0	
	Wood Waste	54.4	13.2			0	
	Textiles	(0.0)				0	
	Other Organics	8.7				0	
Inorganics	Small Electric Appliances	-				0	
	Alkaline Batteries	-				0	
	Other Batteries	-				0	
	Other Inorganics	10.9				0	
Metals	Aluminum Cans	8.2				0	
	Other Aluminum	2.4				0	
	Ferrous Food Cans	3.5				0	
	Other Ferrous	3.4				0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch

Sample No: 14

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper			5.9		0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film			2.5		0	
	Polypropylene			0.1		0	
	Other Plastics			3.0		0	
Organics	Food Waste			7.5		0	
	Yard Waste					0	
	Wood Waste					0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous			2.3		0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 6.1

NOTES: 100% food

17



RRC Waste Composition Data Sheet

2 " Minus
Client Facility: Landfill-Layton-Utan

Sample No: 17 Sample Date: 8/4/15

Collection Company: ACE DISPOSAL Truck No: 145

Collection Location: FRONT LOADER Ticket No: 2346927

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#: 2346927

Bill Acct: ACE DISPOSAL
Haul Acct: ACE DISPOSAL
Vehicle#: ACE11142
Vehicle Type : 21 - Front Loader
Fleet # : 145
Trailer # : SAMPLE 17
In : 10:14 08/04/15 PWF
Out: 10:22 08/04/15 KMP
Transaction: 210 - Commercial Weighed
Origin: 1 - Not Specified
Product: 100 - MSW
Rate: \$30.00/tn
Special Fees: TI-1
1 - TI-Tires each
PO:

Lbs	Tons
55280	27.64
35340	17.67
19940	9.97
Volume:	0


Tip Fee : 299.10
Special Fee: 2.00
Subtotal : 301.10
Sales Tax : 0.00
Total Fee : \$301.10

Payment Type: 1 - Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

***** REPRINTED TICKET *****

#17

Total Fines (lb)

Driver: 

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Watscher

Sample No: 17

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		9.8			0	
	High Grade Paper		15.1			0	
	Corrugated Cardboard		21.0	37.9		0	
	Magazines		8.6			0	
	Other Paper		21.4	32.0		0	
Plastics	HDPE w/ neck		9.2			0	
	PET w/ neck		13.5	22.8		0	
	Plastic Film		26.2			0	
	Polypropylene		6.6			0	
	Other Plastics		22.9			0	
							0
Organics	Food Waste		15.0			0	
	Yard Waste		5.6			0	
	Wood Waste					0	
	Textiles		17.2			0	
	Other Organics		13.2			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		6.5			0	
Metals	Aluminum Cans		8.1			0	
	Other Aluminum		2.4			0	
	Ferrous Food Cans		3.6			0	
	Other Ferrous		3.4			0	
	Other Nonferrous		4.1			0	
							0
Glass	Food and Beverage Glass		7.6			0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
						0	
	TOTALS:		0	0	0	0	0

NOTES:

Notes OCC

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch

Sample No: 17

Sample Date: 8/4/15



Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper	(2.3)				0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper	4.5				0	
						0	
Plastics	HDPE w/ neck					0	
	PET w/ neck	(2.0)				0	
	Plastic Film	2.6				0	
	Polypropylene					0	
	Other Plastics	2.8				0	
						0	
Organics	Food Waste	3.1				0	
	Yard Waste	6.0				0	
	Wood Waste	(0.1)				0	
	Textiles					0	
	Other Organics					0	
						0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries	(0.2)				0	
	Other Batteries					0	
	Other Inorganics	(0.1)				0	
						0	
Metals	Aluminum Cans					0	
	Other Aluminum	Leather				0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
						0	
Glass	Food and Beverage Glass	2.3				0	
	Other Glass					0	
						0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
						0	
	TOTALS:		0	0	0	0	0

Total Fines (lb) 4.1

NOTES: 100% yard

RRC Waste Composition Data Sheet

2" Plus



Client Facility: _____

Sample No: 18

Sample Date: _____

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint				15.9		
	High Grade Paper		9.1		16.7		
	Corrugated Cardboard		24.1	4.6	14.3	26.9	
	Magazines		0.2				
	Other Paper		32.5	32.7	14.3	17.5	41.0
Plastics	HDPE w/ neck		8.7				
	PET w/ neck		14.6				
	Plastic Film		24.1	29.3	17.3		
	Polypropylene		8.2				
	Other Plastics		21.5	4.6	27.9	16.6	
Organics	Food Waste		13.7				
	Yard Waste		Leather				
	Wood Waste		10.3				
	Textiles			8.3			
	Other Organics		10	12.8			
Inorganics	Small Electric Appliances		2.1	2.1			
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics		9.1				
Metals	Aluminum Cans						
	Other Aluminum		2.6	7.7			
	Ferrous Food Cans		2.7				
	Other Ferrous		7.2				
	Other Nonferrous		4.2				
Glass	Food and Beverage Glass		9.0				
	Other Glass						
Other	Medical Waste		1-Needle				
	Household Hazardous Waste						
	Special/Problem Waste						
TOTALS:							

NOTES: _____

110

7.3
5.2
1.1

175

RRC Waste Composition Data Sheet

2 " Minus



Client Facility: _____

Sample No: 18

Sample Date: _____

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper	2.4					
	Corrugated Cardboard						
	Magazines						
	Other Paper	4.6					
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film	2.6					
	Polypropylene						
	Other Plastics	3.4					
Organics	Food Waste	4.7					
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics	2.5					
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics	4.3					
Metals	Aluminum Cans						
	Other Aluminum	2.3					
	Ferrous Food Cans						
	Other Ferrous	2.4					
	Other Nonferrous	2.4					
Glass	Food and Beverage Glass	0.0					
	Other Glass						
Other	Medical Waste	3					
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

fineo 5.0

NOTES:

50% food 50% Among (bits)

19



RRC Waste Composition Data Sheet

2" Minus

Client Facility: Landfill-Layton-Ut

Sample No: 19

Sample Date: 8-4-15

Collection Company: WASTE MANAGEMENT Truck No: 102719

Collection Location: LAYTON Ticket No: 2347241

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2347241

Bill Acct: LAYTON CITY CORPORATION
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle# : 10135
 Vehicle Type : 20 - Side Loader
 Fleet # : 102719
 Trailer # : SAMPLE 19
 In : 15:37 08/04/15 KMP
 Out: 15:47 08/04/15 PWF
 Transaction: 300 - Municipal Automate
 Origin: 160 - Layton
 Product: 100 - MSW
 Rate: 60.00/na
 Special Fees:

PO:
 Lbs Tons Gross
 53440 26.72
 39140 19.57 Tare
 14300 7.15 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
 Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****
 MICHAEL SMITH

#19

Total Fines (lb)

NOTES: _____

Driver: Michael Smith

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 18

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		14.4			0	
	High Grade Paper		7.2			0	
	Corrugated Cardboard		22.2			0	
	Magazines		7.3			0	
	Other Paper		26.7	36.1		0	
Plastics	HDPE w/ neck		10.4			0	
	PET w/ neck		12.6			0	
	Plastic Film		26.1			0	
	Polypropylene		7.2			0	
	Other Plastics		24.4			0	
Organics	Food Waste					0	
	Yard Waste		39.8	26.9	14.4	21.4-21.9	
	Wood Waste		7.0			0	
	Textiles		9.0			0	
	Other Organics		13.4			0	
Inorganics	Small Electric Appliances		0.6			0	
	Alkaline Batteries		-			0	
	Other Batteries		-			0	
	Other Inorganics		8.5			0	
Metals	Aluminum Cans		6.0			0	
	Other Aluminum		3.7			0	
	Ferrous Food Cans		3.6			0	
	Other Ferrous		2.3			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		7.2			0	
	Other Glass		0.3			0	
Other	Medical Waste		1-needle			0	
	Household Hazardous Waste		-			0	
	Special/Problem Waste		-			0	
TOTALS:			0	0	0	0	0

NOTES: 2 Bags Glass

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wreatch

Sample No: 19

Sample Date: 8/4/15



Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper	2.4				0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper	4.9				0	
Plastics	HDPE w/ neck	(0.0)				0	
	PET w/ neck					0	
	Plastic Film					0	
	Polypropylene					0	
	Other Plastics	2.7				0	
Organics	Food Waste	5.6	2.3			0	
	Yard Waste	7.5				0	
	Wood Waste	Less than				0	
	Textiles					0	
	Other Organics	2.4				0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum	Less than				0	
	Ferrous Food Cans					0	
	Other Ferrous	Less than	2.3			0	
	Other Nonferrous	2.3				0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	

Total Fines (lb) 4.3

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: _____

Collection Company: _____

Collection Location: _____

Wednesday

Jare
Sample Date: 8/5/15

Truck No: _____

Ticket No: _____

Day #3 TARES
RRC 2" +

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	8.4					
	High Grade Paper	5.6					
	Corrugated Cardboard	15.5					
	Magazines	5.6					
	Other Paper	15.3					
Plastics	HDPE w/ neck	8.4					
	PET w/ neck	8.9					
	Plastic Film	15.2					
	Polypropylene	5.7					
	Other Plastics	15.8					
Organics	Food Waste	2.3					
	Yard Waste	5.2					
	Wood Waste	5.8					
	Textiles	6.4					
	Other Organics	5.5					
Inorganics	Small Electric Appliances	5.2					
	Alkaline Batteries	-					
	Other Batteries	-					
	Other Inorganics	5.5					
Metals	Aluminum Cans	5.7					
	Other Aluminum	2.7					
	Ferrous Food Cans	2.3					
	Other Ferrous	2.2					
	Other Nonferrous	2.3					
Glass	Food and Beverage Glass	5.4					
	Other Glass	5.5					
Other	Medical Waste	-					
	Household Hazardous Waste	-					
	Special/Problem Waste	-					
TOTALS:							

NOTES: _____

9.6

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wesotech

Wednesday
Jare

DAY#3
TARES
2"



Sample No: _____

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	-					
	High Grade Paper	2.3					
	Corrugated Cardboard	-					
	Magazines	-					
	Other Paper	2.2					
Plastics	HDPE w/ neck	-					
	PET w/ neck	-					
	Plastic Film	2.2					
	Polypropylene	-					
	Other Plastics	2.3					
Organics	Food Waste	2.5					
	Yard Waste	2.3					
	Wood Waste	2.1					
	Textiles	-					
	Other Organics	2.2					
Inorganics	Small Electric Appliances	-					
	Alkaline Batteries	-					
	Other Batteries	-					
	Other Inorganics	2.1					
Metals	Aluminum Cans	-					
	Other Aluminum	2.3					
	Ferrous Food Cans	-					
	Other Ferrous	2.2					
	Other Nonferrous	2.3					
Glass	Food and Beverage Glass	2.2					
	Other Glass	2.2					
Other	Medical Waste	-					
	Household Hazardous Waste	-					
	Special/Problem Waste	-					
TOTALS:							
TOTAL FINES (LBS):							

NOTES: _____

2.2

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Landfill-Layton-Utah



Sample No: 20

Sample Date: 8-4-15

Collection Company: WASTE MANAGEMENT Truck No: 103446

Collection Location: NORTH SALT LAKE Ticket No: 2347297

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2347297

Bill Acct: NORTH SALT LAKE CITY
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle# : 10597
 Vehicle Type : 20 - Side Loader
 Fleet # : 103446
 Trailer # : SAMPLE 20
 In : 16:45 08/04/15 DL
 Out: 16:49 08/04/15 PWF
 Transaction: 300 - Municipal Automate
 Origin: 190 - North Salt Lake
 Product: 100 - MSW
 Rate: \$0.00/tn
 Special Fees:

PO:
 Lbs Tons Gross
 41500 20.75 Gross
 35260 17.63 Tare
 6240 3.12 Net
 Volume: 0

#20

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****
 NANDELL
 DOUGLAS NANDELL

Total Fines (lb)

NOTES: _____

Driver: _____

D NANDELL

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasater



Sample No: 20

Sample Date: 8/3/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

10
30
200
100
100
100
100
100
100
100
150
248
156
9.2

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		14.6				
	High Grade Paper		7.2				
	Corrugated Cardboard	46.9	46.9	19.0			
	Magazines		8.3				
	Other Paper		24.7	36.8			
Plastics	HDPE w/ neck		9.9				
	PET w/ neck		11.0				
	Plastic Film		25.9				
	Polypropylene		6.5				
	Other Plastics		29.1				
Organics	Food Waste		17.9	11.8			
	Yard Waste		23.5	6.6			
	Wood Waste		7.5				
	Textiles		7.4				
	Other Organics		20.5				
Inorganics	Small Electric Appliances		1.6	Hair dryer			
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics		12.5				
Metals	Aluminum Cans		6.6				
	Other Aluminum		3.3	2.7			
	Ferrous Food Cans		1.5	3.2			
	Other Ferrous		2.5	(0.1)			
	Other Nonferrous		5.3				
Glass	Food and Beverage Glass		14.1				
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste		1.47	don't know!			
	Special/Problem Waste						
TOTALS:							

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No: 20

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper		2.3				
	Corrugated Cardboard						
	Magazines						
	Other Paper		3.6				
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film		2.4				
	Polypropylene						
	Other Plastics		3.0				
Organics	Food Waste		4.6				
	Yard Waste		2.0				
	Wood Waste		Less than				
	Textiles						
	Other Organics		Leather				
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics		Less than				
Metals	Aluminum Cans						
	Other Aluminum		2.3				
	Ferrous Food Cans						
	Other Ferrous		2.2				
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass		Less than				
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

fines 5.2

NOTES: yard

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Landfill-Layton-Utah



Sample No: 21

Sample Date: 8-5-15

Collection Company: Robinson

Truck No: 10619 308

Collection Location: Hill AFB

Ticket No: 2347391

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2347391

Bill Acct: ROBINSON WASTE DISPOSAL
 Haul Acct: ROBINSON WASTE DISPOSAL
 Vehicle#: ROB10619
 Vehicle Type: 21 - Front Loader
 Fleet #: 308
 Trailer #: TEST COM
 In: 07:47 08/05/15 MGT
 Out: 07:57 08/05/15 KA
 Transaction: 210 - Commercial Weighed
 Origin: 270 - Hill AFB
 Product: 100 - MSW
 Rate: \$30.00/tn
 Special Fees:

PO:
 Lbs Tons Gross
 50260 25.13 Gross
 36520 18.26 Tare
 13740 6.87 Net
 Volume: 0

Tip Fee : 206.10
 Special Fee: 0.00
 Subtotal : 206.10
 Sales Tax : 0.00
Total Fee : \$206.10

Payment Type: 1 - Charge
 Tended: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****
 sample 21
 MARSH

Sample 21

#21

PAW

Total Fines (lb)

Driver: _____

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 21

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Type
210
Waste

0.3
25
45
30
10.0
16.5
2.5
13.0
140
26.4
15.2
11.2

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		14.0				
	High Grade Paper		10.3				
	Corrugated Cardboard		28.5	24.7	19.5		
	Magazines		8.1				
	Other Paper		31.3	35.5	24.0	27.5	
Plastics	HDPE w/ neck		9.2				
	PET w/ neck		13.0				
	Plastic Film		21.8	21.2			
	Polypropylene		1.9	6.4			
	Other Plastics		26.0	22.4			
Organics	Food Waste		13.5	13.1			
	Yard Waste		5.5				
	Wood Waste						
	Textiles		7.1				
	Other Organics		8.3	6.5			
Inorganics	Small Electric Appliances		1.2	0.7	1.2		
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans		8.9				
	Other Aluminum		2.5				
	Ferrous Food Cans		2.6				
	Other Ferrous		3.3				
	Other Nonferrous		2.9				
Glass	Food and Beverage Glass		7.5				
	Other Glass		0.2				
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste		0.3	flourant Bulb			
TOTALS:							

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wpsatch

Sample No: 21

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	}					
	High Grade Paper		2.4				
	Corrugated Cardboard						
	Magazines						
	Other Paper		4.1				
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film		2.4				
	Polypropylene		0.1				
	Other Plastics		3.0				
Organics	Food Waste		5.1				
	Yard Waste						
	Wood Waste		Leather				
	Textiles		Leather				
	Other Organics		Leather				
Inorganics	Small Electric Appliances		0.1				
	Alkaline Batteries		Leather				
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous		3.5				
	Other Nonferrous		2.4				
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

fines - 3.4

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Landfill-Layton-Utah



Sample No: 22

Sample Date: 8-5-15

Collection Company: FCO

Truck No: 9534 106

Collection Location: Sunset

Ticket No: 2347400

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2347400

 Bill Acct: SUNSET CITY CORP.
 Haul Acct: ECONO WASTE INC.
 Vehicle# : 9534
 Vehicle Type : 20 - Side Loader
 Fleet # : 106
 Trailer # : SAMPLE
 In : 07:57 08/05/15 MGT
 Out: 08:07 08/05/15 KA
 Transaction: 220 - Commercial Automat
 Origin: 210 - Sunset
 Product: 100 - MSW
 Rate: 50.00/na
 Special Fees:

Sample 22

#22

PO:
 Lbs Tons
 48620 24.31 Gross
 34740 17.37 Tare
 13880 6.94 Net
 Volume: 0
 =====
 Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
 Total Fee : 0
 =====

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:
 ***** REPRINTED TICKET *****

Total Fines (lb)

NOTES: _____

R SIMS

Driver: _____

[Handwritten Signature]

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wegatch

Sample No: 22

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		10.7				
	High Grade Paper		7.4				
	Corrugated Cardboard		79.6				
	Magazines		6.2				
	Other Paper		24.4	30.7			
Plastics	HDPE w/ neck		9.5				
	PET w/ neck		12.7				
	Plastic Film		23.1				
	Polypropylene		6.6				
	Other Plastics		26.4				
Organics	Food Waste			26.4	26.2		
	Yard Waste		32.3		5.7		
	Wood Waste		6.9				
	Textiles		7.5				
	Other Organics		13.9				
Inorganics	Small Electric Appliances		0.8				
	Alkaline Batteries		0.5				
	Other Batteries		—				
	Other Inorganics		8.4				
Metals	Aluminum Cans		10.1				
	Other Aluminum		2.7				
	Ferrous Food Cans		4.2				
	Other Ferrous		4.5				
	Other Nonferrous		—				
Glass	Food and Beverage Glass		7.6				
	Other Glass		—				
Other	Medical Waste		—				
	Household Hazardous Waste		—				
	Special/Problem Waste		—				
TOTALS:							

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No: 22

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	}					
	High Grade Paper		2.4				
	Corrugated Cardboard		Leather				
	Magazines						
	Other Paper		3.3				
Plastics	HDPE w/ neck	}					
	PET w/ neck		Leather				
	Plastic Film		2.3				
	Polypropylene						
	Other Plastics		3.0				
Organics	Food Waste	}					
	Yard Waste		5.9				
	Wood Waste		9.2				
	Textiles		2.2				
	Other Organics		Ⓚ				
Inorganics	Small Electric Appliances	}					
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans	}					
	Other Aluminum		2.3				
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass	}					
	Other Glass		Leather				
Other	Medical Waste	}					
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

NOTES: finer - 7.0
95% yard + food 50%

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Landfill-Layton Utah



Sample No: 23

Sample Date: 8-5-15

Collection Company: Waste Management Truck No: 103446

Collection Location: Layton Ticket No: 2347431

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:					0	

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2347431

 Bill Acct: LAYTON CITY CORPORATION
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle#: 10584
 Vehicle Type: 20 - Side Loader
 Fleet #: 103446
 Trailer #: JJB
 In: 08:36 08/05/15 MGT
 Out: 08:43 08/05/15 KA
 Transaction: 300 - Municipal Automate
 Origin: 160 - Layton
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:

Lbs	Tons	Gross	Tare	Net
51600	25.80			
35520	17.76			
16080	8.04			
Volume:	0			

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:
 ***** REPRINTED TICKET *****
 sample 23
 JJB

#23

99B

Total Fines (lb)

NOTES: _____

Driver: _____

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Wesatck

Sample No: 23

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		19.3				
	High Grade Paper		8.4				
	Corrugated Cardboard		23.8				
	Magazines		7.6				
	Other Paper		28.9	37.5			
Plastics	HDPE w/ neck		11.2				
	PET w/ neck		12.6				
	Plastic Film		24.2				
	Polypropylene		6.8				
	Other Plastics		42.2				
Organics	Food Waste		10.3	18.9			
	Yard Waste		16.3				
	Wood Waste		7.9				
	Textiles		23.1				
	Other Organics		11.6				
Inorganics	Small Electric Appliances			(0.6)			
	Alkaline Batteries		(0.2)				
	Other Batteries						
	Other Inorganics		9.3				
Metals	Aluminum Cans		7.5				
	Other Aluminum			2.7			
	Ferrous Food Cans			4.6			
	Other Ferrous		(11.2)	3.0		3.0	
	Other Nonferrous			3.0	11.5		
Glass	Food and Beverage Glass		12.4				
	Other Glass		10.0				
Other	Medical Waste		—				
	Household Hazardous Waste		—				
	Special/Problem Waste		—				
TOTALS:							

NOTES: Lots of yard waste in bucket that we did not take for our sample

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wacatch

Sample No: 23

Sample Date: 8/5/15



Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Larc WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper	2.4					
	Corrugated Cardboard						
	Magazines						
	Other Paper	3.2					
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film	2.3					
	Polypropylene						
	Other Plastics	3.1					
Organics	Food Waste	5.9					
	Yard Waste	12.7					
	Wood Waste		2.2				
	Textiles	0.1					
	Other Organics	2.4					
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics	4.1					
Metals	Aluminum Cans						
	Other Aluminum	2.3					
	Ferrous Food Cans						
	Other Ferrous	2.4					
	Other Nonferrous						
Glass	Food and Beverage Glass	2.7					
	Other Glass	3.1					
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

finer - 0.1

NOTES: _____

24



RRC Waste Composition Data Sheet

2" Minus
Client Facility: Landfill-Layton-Utah

Sample No: 24 Sample Date: 8.5.15

Collection Company: Ace Truck No: 485

Collection Location: Centerville Ticket No: 2347510

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2347510

Bill Acct: CENTERVILLE CITY
 Haul Acct: ACE DISPOSAL
 Vehicle# : 11121
 Vehicle Type : 20 - Side Loader
 Fleet # : 485
 Trailer # : SAMPLE 24
 In : 10:10 08/05/15 MGT
 Out : 10:16 08/05/15 KA
 Transaction: 300 - Municipal Automate
 Origin: 100 - Centerville
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:
 Lbs Tons Gross
 56320 28.16 Gross
 35680 17.84 Tare
 20640 10.32 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

MIKE POWERS

Driver: [Signature]

Total Fines (lb)

NOTES: _____

#24

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasater

Sample No: 24

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	}	11.7				
	High Grade Paper		8.3				
	Corrugated Cardboard		21.8				
	Magazines		12.7				
	Other Paper		26.9	35.7			
Plastics	HDPE w/ neck	}	9.2				
	PET w/ neck		11.9				
	Plastic Film		24.8				
	Polypropylene		12.4				
	Other Plastics		25.4				
Organics	Food Waste	}		16.5	7.2	10.7-5.1	
	Yard Waste		(69.7)	5.9			
	Wood Waste			10.3			
	Textiles		6.8				
	Other Organics		14.0				
Inorganics	Small Electric Appliances	}	3.0	(0.1)			
	Alkaline Batteries		-				
	Other Batteries		-				
	Other Inorganics		-				
Metals	Aluminum Cans	}	6.7				
	Other Aluminum		2.9				
	Ferrous Food Cans		3.6				
	Other Ferrous		3.0				
	Other Nonferrous		2.4				
Glass	Food and Beverage Glass	}	12.2				
	Other Glass		-				
Other	Medical Waste	}	2- Needles				
	Household Hazardous Waste		-				
	Special/Problem Waste		-				
TOTALS:							

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No: 24

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper		2.3				
	Corrugated Cardboard						
	Magazines						
	Other Paper		3.3				
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film		2.3				
	Polypropylene						
	Other Plastics		2.6				
Organics	Food Waste		5.3				
	Yard Waste		7.6				
	Wood Waste		2.2				
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries		0.3				
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum		2.3				
	Ferrous Food Cans						
	Other Ferrous		2.3				
	Other Nonferrous		3.3				
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
TOTALS:							
TOTAL FINES (LBS):							

NOTES: fines - 4.5
yard & food 50% - 50%

25



RRC Waste Composition Data Sheet

2" Minus
Client Facility: Landfill-Layton-Utah

Sample No: 25

Sample Date: 8-5-15

Collection Company: Robinson

Truck No: 120

Collection Location: Clinton

Ticket No: 2347558

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						0
	High Grade Paper						0
	Corrugated Cardboard						0
	Magazines						0
	Other Paper						0
Plastics	HDPE w/ neck						0
	PET w/ neck						0
	Plastic Film						0
	Polypropylene						0
	Other Plastics						0
Organics	Food Waste						0
	Yard Waste						0
	Wood Waste						0
	Textiles						0
	Other Organics						0
Inorganics	Small Electric Appliances						0
	Alkaline Batteries						0
	Other Batteries						0
	Other Inorganics						0
Metals	Aluminum Cans						0
	Other Aluminum						0
	Ferrous Food Cans						0
	Other Ferrous						0
	Other Nonferrous						0
Glass	Food and Beverage Glass						0
	Other Glass						0
Other	Medical Waste						0
	Household Hazardous Waste						0
	Special/Problem Waste						0
	TOTALS:						0

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#:2347558

Bill Acct: CLINTON CITY CORP.
Haul Acct: ROBINSON WASTE DISPOSAL
Vehicle# : 10670
Vehicle Type : 20 - Side Loader
Fleet # : 120
Trailer # : SAMPLE 25
In : 11:05 08/05/15 DL
Out: 11:10 08/05/15 MGT
Transaction: 300 - Municipal Automate
Origin: 120 - Clinton
Product: 100 - MSW
Rate: \$0.00/na
Special Fees:

PO:
Lbs Tons
56040 28.02 Gross
35100 17.55 Tare
20940 10.47 Net
Volume: 0

Tip Fee : 0.00
Special Fee: 0.00
Subtotal : 0.00
Sales Tax : 0.00
Total Fee : 0

Payment Type:4 - No Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

***** REPRINTED TICKET *****

BEN CARTER

Driver: 

Total Fines (lb)

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 25

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		9.0				
	High Grade Paper		6.5				
	Corrugated Cardboard		18.3				
	Magazines		-				
	Other Paper		20.5	25.5			
Plastics	HDPE w/ neck		9.5				
	PET w/ neck		10.0				
	Plastic Film		20.5				
	Polypropylene			6.1			
	Other Plastics		7.9	18.8			
Organics	Food Waste				16.4		
	Yard Waste		136.9	34.0	6.4		
	Wood Waste		3.3				
	Textiles		7.7				
	Other Organics		9.0				
Inorganics	Small Electric Appliances		0.0				
	Alkaline Batteries			1-Button Leather			
	Other Batteries						
	Other Inorganics			5.0-Cement			
Metals	Aluminum Cans		6.0				
	Other Aluminum		2.4				
	Ferrous Food Cans		5.5				
	Other Ferrous		2.2				
	Other Nonferrous		-				
Glass	Food and Beverage Glass		16.4				
	Other Glass		5.9				
Other	Medical Waste		-				
	Household Hazardous Waste		-				
	Special/Problem Waste		-				
TOTALS:							

NOTES: Lots + Lots of grass

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No: 25

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper		2.4				
	Corrugated Cardboard						
	Magazines						
	Other Paper		3.0				
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film		2.3				
	Polypropylene						
	Other Plastics		2.7				
Organics	Food Waste		4.3				
	Yard Waste		4.6				
	Wood Waste						
	Textiles						
	Other Organics		0.1				
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum		0.1				
	Ferrous Food Cans						
	Other Ferrous		2.4				
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass		2.3				
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

Notes: finer - 3.4 25% food 75% yard

RRC Waste Composition Data Sheet

2 " Minus Landfill-Layton-Utah



Client Facility: Landfill-Layton-Utah

Sample No: 26

Sample Date: 8-5-15

Collection Company: WASMAN

Truck No: 102719

Collection Location: Woods Cross

Ticket No: 2347574

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2347574

 Bill Acct: WOODS CROSS CITY
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle# : 10136
 Vehicle Type : 20 - Side Loader
 Fleet # : 102719
 Trailer # : SAMPLE 26
 In : 11:13 08/05/15 DL
 Out: 11:22 08/05/15 MGT
 Transaction: 300 - Municipal Automate
 Origin: 250 - Woods Cross City
 Product: 100 - MSW
 Rate: 50.00/na
 Special Fees:

 PO:
 Lbs Tons
 60960 30.48 Gross
 39400 19.70 Tare
 21560 10.78 Net
 Volume: 0
 =====
 Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0
 =====
 Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

 ***** REPRINTED TICKET *****

#26

Total Fines (lb)

Driver: Michael Smith

NOTES:

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Wasatch

Sample No: 26

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	}	9.4				
	High Grade Paper		9.0				
	Corrugated Cardboard		19.5				
	Magazines		8.5				
	Other Paper		30.2	35.3			
Plastics	HDPE w/ neck	}	10.0				
	PET w/ neck		12.5				
	Plastic Film		29.6				
	Polypropylene		4.5				
	Other Plastics		29.0				
Organics	Food Waste	}	28.4	17.4	12.8		
	Yard Waste		5.5				
	Wood Waste		8.6				
	Textiles		8.4				
	Other Organics		19.5				
Inorganics	Small Electric Appliances	}	3.2	9.0			
	Alkaline Batteries		0.0				
	Other Batteries		-				
	Other Inorganics		18.1				
Metals	Aluminum Cans	}	6.7				
	Other Aluminum		3.1				
	Ferrous Food Cans		4.2				
	Other Ferrous		2.9				
	Other Nonferrous		3.7				
Glass	Food and Beverage Glass	}	24.0				
	Other Glass		5.9				
Other	Medical Waste	}	-				
	Household Hazardous Waste		0.7	0.7			
	Special/Problem Waste		-				
TOTALS:							

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No: 26

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper		2.3				
	Corrugated Cardboard						
	Magazines						
	Other Paper		3.8				
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film		2.4				
	Polypropylene						
	Other Plastics		3.1				
Organics	Food Waste		12.5				
	Yard Waste						
	Wood Waste		2.2				
	Textiles		Leather (D)				
	Other Organics		2.7				
Inorganics	Small Electric Appliances						
	Alkaline Batteries		0.3				
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum		2.3				
	Ferrous Food Cans						
	Other Ferrous		2.4				
	Other Nonferrous						
Glass	Food and Beverage Glass		2.3				
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

NOTES: fines 5.2 100% food

27



RRC Waste Composition Data Sheet

2" Minus Landfill-Layton-Utah

Client Facility: Landfill-Layton-Utah
Sample No: 27 Sample Date: 8-5-15
Collection Company: Robinson Truck No: 128
Collection Location: Clinton Ticket No:

Table with columns: Category, Component, Tare WT, Gross WT, Gross WT, Gross WT, Total Net WT, WT %. Rows include Paper, Plastics, Organics, Inorganics, Metals, Glass, and Other.

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#:2347675
Bill Acct: CLINTON CITY CORP.
Haul Acct: ROBINSON WASTE DISPOSAL
Vehicle#: 11067
Vehicle Type : 20 - Side Loader
Fleet # : 128
Trailer # : SAMPLE 27
In : 12:41 08/05/15 DL
Out: 12:52 08/05/15 MGT
Transaction: 300 - Municipal Automate
Origin: 120 - Clinton
Product: 100 - MSW
Rate: 50.00/na
Special Fees:
PO:
Lbs Tons Gross
59140 29.57 Gross
36160 18.08 Tare
22980 11.49 Net
Volume: 0
Tip Fee : 0.00
Special Fee: 0.00
Subtotal : 0.00
Sales Tax : 0.00
Total Fee : 0
Payment Type:4 - No Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

#27

Total Fines (lb)
NOTES:

S MILLER
Driver: [Signature]

***** REPRINTED TICKET *****

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch



Sample No: 27

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

17.4
8.0
3.1

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		10.0				
	High Grade Paper		6.9				
	Corrugated Cardboard		18.3				
	Magazines		10.4				
	Other Paper		20.5	26.3			
Plastics	HDPE w/ neck		4.0				
	PET w/ neck		10.3				
	Plastic Film		24.4				
	Polypropylene		6.3				
	Other Plastics		23.4				
Organics	Food Waste			26.6	32.5		
	Yard Waste		16.8	10.0	6.4		
	Wood Waste		9.9				
	Textiles		13.4				
	Other Organics		5.8				
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans		5.8				
	Other Aluminum		2.6				
	Ferrous Food Cans		3.3				
	Other Ferrous		5.4				
	Other Nonferrous						
Glass	Food and Beverage Glass		9.6				
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste		0.5	Latex Paint			
	Special/Problem Waste						
TOTALS:							

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wheat

Sample No: 27

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	}					
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper			3.4			
Plastics	HDPE w/ neck	}					
	PET w/ neck						
	Plastic Film			2.3			
	Polypropylene						
	Other Plastics			2.7			
Organics	Food Waste	}		5.5			
	Yard Waste			5.3			
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances	}					
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics			3.3			
Metals	Aluminum Cans	}					
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass	}					
	Other Glass						
Other	Medical Waste	}					
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

NOTES: finer - 3.5
100% yard

RRC Waste Composition Data Sheet



Client Facility: 2" Minus Landfill-Layton-Utah

Sample No: 28

Sample Date: 8-5-15

Collection Company: Robinson

Truck No: 112

Collection Location: Farmington

Ticket No: 2347672

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2347672

Bill Acct: FARMINGTON CITY
 Haul Acct: ROBINSON WASTE DISPOSAL
 Vehicle# : 10032
 Vehicle Type : 20 - Side Loader
 Fleet # : 112
 Trailer # : SAMPLE 28
 In : 12:42 08/05/15 KA
 Out: 12:50 08/05/15 MGT
 Transaction: 300 - Municipal Automate
 Origin: 130 - Farmington
 Product: 100 - MSW
 Rate: \$0.00/ha
 Special Fees:

PO:
 Lbs Tons
 39600 19.80 Gross
 35400 17.70 Tare
 4200 2.10 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

L HIPWELL

Driver: [Signature]

#28

Total Fines (lb)

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Wasatch

Sample No: 28

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

$$\begin{array}{r} 13.5 \\ 8.0 \\ \hline 5.5 \end{array}$$

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		9.9				
	High Grade Paper		9.0				
	Corrugated Cardboard			18.1			
	Magazines		0.3				
	Other Paper		28.1	35.5			
Plastics	HDPE w/ neck		9.2				
	PET w/ neck		9.4				
	Plastic Film		22.1				
	Polypropylene		7.2				
	Other Plastics		28.0				
	Organics	Food Waste		8.8	12.3		
Yard Waste			58.0	8.1			
Wood Waste			7.3				
Textiles			11.6				
Other Organics			16.0				
Inorganics	Small Electric Appliances		7.5				
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics		10.2				
Metals	Aluminum Cans		6.5				
	Other Aluminum		2.5				
	Ferrous Food Cans		3.0				
	Other Ferrous		2.7				
	Other Nonferrous		2.4				
Glass	Food and Beverage Glass						
	Other Glass		0.5				
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
TOTALS:							

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus



Client Facility: Wpsatch

Sample No: 28

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper			3.2			
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film			2.4			
	Polypropylene						
	Other Plastics			2.7			
Organics	Food Waste						
	Yard Waste						
	Wood Waste			34.8	6.3	3.6	
	Textiles			0.0			
	Other Organics			Less than 0.1			
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass			2.6			
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
TOTALS:							
TOTAL FINES (LBS):							

NOTES: finer - 3.3
100% yard

RRC Waste Composition Data Sheet

2" Minus Client Facility: Landfill-Layton-Utah



Sample No: 29 Sample Date: 8-5-15

Collection Company: Robinson Truck No: 130

Collection Location: Syracuse Ticket No: 2347753

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper					0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film					0	
	Polypropylene					0	
	Other Plastics					0	
Organics	Food Waste					0	
	Yard Waste					0	
	Wood Waste					0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
	TOTALS:					0	

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2347753

Bill Acct: SYRACUSE CITY CORPORATION
 Haul Acct: ROBINSON WASTE DISPOSAL
 Vehicle#: 11161
 Vehicle Type: 20 - Side Loader
 Fleet #: 130
 Trailer #: SAMPLE29
 In: 13:59 08/05/15 DL
 Out: 14:04 08/05/15 MGT
 Transaction: 300 - Municipal Automate
 Origin: 220 - Syracuse
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:
 Lbs Tons
 44820 22.41 Gross
 35420 17.71 Tare
 9400 4.70 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

Total Fines (lb)

NOTES: _____

D FLINN

Driver: Flinn

#29

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Wasatch

Sample No: 29

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		18.9				
	High Grade Paper		7.9				
	Corrugated Cardboard		19.2	19.2	25.2		
	Magazines		9.7				
	Other Paper		25.7	33.5			
Plastics	HDPE w/ neck		10.9				
	PET w/ neck		14.2				
	Plastic Film		25.3				
	Polypropylene		7.6				
	Other Plastics		29.5				
Organics	Food Waste		17.2				
	Yard Waste		16.6				
	Wood Waste		10.8				
	Textiles		11.0				
	Other Organics		10.7				
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics		6.3				
Metals	Aluminum Cans		7.4				
	Other Aluminum		3.2				
	Ferrous Food Cans		4.0				
	Other Ferrous		8.0				
	Other Nonferrous						
Glass	Food and Beverage Glass		28.4				
	Other Glass		6.1				
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wesater

Sample No: 39

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper		2.3				
	Corrugated Cardboard						
	Magazines						
	Other Paper		3.3				
Plastics	HDPE w/ neck		0.1				
	PET w/ neck						
	Plastic Film		2.5				
	Polypropylene						
	Other Plastics		3.1				
Organics	Food Waste		3.8				
	Yard Waste		12.8				
	Wood Waste		2.2				
	Textiles						
	Other Organics		2.4				
Inorganics	Small Electric Appliances						
	Alkaline Batteries		0.4				
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous		2.3				
Glass	Food and Beverage Glass		2.3				
	Other Glass		2.2				
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

finer 5.8

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Landfill-Layton-Utah



Sample No: 30

Sample Date: 8/5/15

Collection Company: Robinson

Truck No: 307

Collection Location: Commercial 210

Ticket No: 2347769

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#:2347769

Bill Acct: ROBINSON WASTE DISPOSAL
 Haul Acct: ROBINSON WASTE DISPOSAL
 Vehicle#: ROB10497
 Vehicle Type : 21 - Front Loader
 Fleet # : 807
 Trailer # : SAMPLE 30
 In : 14:05 08/05/15 DL
 Out: 14:19 08/05/15 MGT
 Transaction: 210 - Commercial Weighed
 Origin: 1 - Not Specified
 Product: 100 - MSW
 Rate: \$30.00/tn
 Special Fees:

PO:
 Lbs Tons
 45520 22.76 Gross
 38800 19.40 Tare
 6720 3.36 Net
 Volume: 0

Tip Fee : 100.80
 Special Fee: 0.00
 Subtotal : 100.80
 Sales Tax : 0.00
Total Fee : \$100.80

Payment Type: 1 - Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:
 ***** REPRINTED TICKET *****
 BRAD PYLE

Driver: Brad Pyle

#30

Total Fines (lb)

NOTES:

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Wasatch

Sample No: 30

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

150
22
150
15
5
3
9
175

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		-				
	High Grade Paper		12.5				
	Corrugated Cardboard	33.7	33.7	24.6			
	Magazines		-				
	Other Paper		28.5	22.5			
Plastics	HDPE w/ neck						
	PET w/ neck		10.9				
	Plastic Film		16.8				
	Polypropylene		6.0				
	Other Plastics	16.7	(5.8)	16.7	28.1		
Organics	Food Waste		7.4				
	Yard Waste						
	Wood Waste		7.8				
	Textiles		7.5				
	Other Organics		7.0				
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics		40.4	19.6			
Metals	Aluminum Cans		6.4				
	Other Aluminum		2.5				
	Ferrous Food Cans		2.3				
	Other Ferrous		2.4				
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste		(1.1)				
	Household Hazardous Waste		(1.6)				
	Special/Problem Waste						
	TOTALS:						

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No: 30

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper			<u>Less than</u>			
	Corrugated Cardboard						
	Magazines						
	Other Paper			<u>2.4</u>			
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics			<u>3.6</u>			
Organics	Food Waste						
	Yard Waste			<u>Less than</u>			
	Wood Waste			<u>0.1</u>			
	Textiles						
	Other Organics			<u>Less than</u>			
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics			<u>2.6</u>			
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
TOTALS:							
TOTAL FINES (LBS):							

Notes: finer - 2.6
100% dist - Env Org

RRC Waste Composition Data Sheet

2" Minus
Client Facility: Landfill-Layton-Utah



Sample No: 31 Sample Date: 8-5-15

Collection Company: Wasman Truck No: 103003

Collection Location: Woods Cross Ticket No: 2347799

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#: 2347799

Bill Acct: WOODS CROSS CITY
Haul Acct: WASTE MANAGEMENT N. UTAH
Vehicle# : 10427
Vehicle Type : 20 - Side Loader
Fleet # : 103003
Trailer # : SAMPLE 31
In : 14:34 08/05/15 DL
Out: 14:43 08/05/15 MGT
Transaction: 300 - Municipal Automate
Origin: 250 - Woods Cross City
Product: 100 - MSW
Rate: \$0.00/na
Special Fees:

PO:
Lbs Tons
52180 26.09 Gross
34760 17.38 Tare
17420 8.71 Net
Volume: 0

=====
Tip Fee : 0.00
Special Fee: 0.00
Subtotal : 0.00
Sales Tax : 0.00
Total Fee : 0
=====

Payment Type: 4 - No Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

***** REPRINTED TICKET *****
JAY
JAY ROWLEY

Total Fines (lb)

NOTES:

Driver: [Signature]

#31

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Unacater

Sample No: 31

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Handwritten notes on the left margin:
 2
 34.1
 8.0
 20.11
 8.0
 4.9
 8.0
 4.0
 14.0
 16.34
 79.0

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		11.9				
	High Grade Paper		6.7				
	Corrugated Cardboard		27.2				
	Magazines		7.1				
	Other Paper		34.4	33.1			
Plastics	HDPE w/ neck		10.4				
	PET w/ neck		11.8				
	Plastic Film		23.8				
	Polypropylene			7.2			
	Other Plastics		11.6	26.0			
Organics	Food Waste			18.2			
	Yard Waste		42.8	gross	36.0 gross	7.1	
	Wood Waste			12.2			
	Textiles		11.3				
	Other Organics		12.5	0.0			
Inorganics	Small Electric Appliances		0.5				
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics		7.6				
Metals	Aluminum Cans		6.8				
	Other Aluminum		3.3				
	Ferrous Food Cans		3.6				
	Other Ferrous		2.9				
	Other Nonferrous						
Glass	Food and Beverage Glass		14.5				
	Other Glass		0.0				
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
TOTALS:							

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wheat

Sample No: 31

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper		3.2				
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film		2.5				
	Polypropylene						
	Other Plastics		2.6				
Organics	Food Waste		3.1				
	Yard Waste		10.7				
	Wood Waste		2.1				
	Textiles		Less than 1 lb				
	Other Organics		2.7				
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics		Less than 1 lb				
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass		2.5				
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

fines 6.0

NOTES:

95% Yard + Org 5%

RRC Waste Composition Data Sheet

2" Minus Landfill-Layton-Utah

Client Facility:

Sample No: 32

Sample Date: 8-5-15

Collection Company: ACE

Truck No: 468

Collection Location: CENTERVILLE

Ticket No: 2347833



Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2347833

Bill Acct: CENTERVILLE CITY
 Haul Acct: ACE DISPOSAL
 Vehicle#: 10719
 Vehicle Type: 20 - Side Loader
 Fleet #: 468
 Trailer #: SAMPLE 32
 In: 15:18 08/05/15 MGT
 Out: 15:23 08/05/15 DL
 Transaction: 300 - Municipal Automate
 Origin: 100 - Centerville
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:
 Lbs Tons
 43260 21.63 Gross
 33680 16.84 Tare
 9580 4.79 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

M GADDY

Driver: Mark Gaddy

Total Fines (lb)

NOTES:

#32

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 32

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



9.7
30
17.7

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		11.2				
	High Grade Paper		9.3				
	Corrugated Cardboard		16.7				
	Magazines		7.1				
	Other Paper		22.6	31.2			
Plastics	HDPE w/ neck		9.1				
	PET w/ neck		11.1				
	Plastic Film		21.8				
	Polypropylene		6.6				
	Other Plastics		26.2				
Organics	Food Waste		19.1	13.4			
	Yard Waste		54.3	21.5			
	Wood Waste		17.7				
	Textiles		11.0				
	Other Organics		8.5				
Inorganics	Small Electric Appliances		(0.0)				
	Alkaline Batteries			less than 0.1			
	Other Batteries						
	Other Inorganics		15.5				
Metals	Aluminum Cans		5.9				
	Other Aluminum		3.0				
	Ferrous Food Cans			4.0			
	Other Ferrous		(15.7)				
	Other Nonferrous		2.7				
Glass	Food and Beverage Glass		6.5				
	Other Glass						
Other	Medical Waste			1 - Needle			
	Household Hazardous Waste						
	Special/Problem Waste						
TOTALS:							

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch

Sample No: 37

Sample Date: 8/5/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper		2.4				
	Corrugated Cardboard						
	Magazines						
	Other Paper		2.9				
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film		2.4				
	Polypropylene						
	Other Plastics		2.7				
Organics	Food Waste		10.6				
	Yard Waste		2.6				
	Wood Waste		2.2				
	Textiles						
	Other Organics		2.4				
Inorganics	Small Electric Appliances						
	Alkaline Batteries		0.2				
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum		2.2				
	Ferrous Food Cans						
	Other Ferrous		Trace				
	Other Nonferrous		2.2				
Glass	Food and Beverage Glass						
	Other Glass		Trace				
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

finer - 4.4

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus

Thursday
Lare

DAY #4
TARES
2" +



Client Facility: Wastech

Sample No: [scribble]

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

51
57

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	8.4					
	High Grade Paper	5.5					
	Corrugated Cardboard	15.4					
	Magazines	5.7					
	Other Paper	15.4					
Plastics	HDPE w/ neck	8.3					
	PET w/ neck	8.8					
	Plastic Film	15.3					
	Polypropylene	5.7					
	Other Plastics	15.8					
Organics	Food Waste	3.3					
	Yard Waste	5.2					
	Wood Waste	5.8					
	Textiles	6.4					
	Other Organics	5.4					
Inorganics	Small Electric Appliances	5.2					
	Alkaline Batteries	—					
	Other Batteries	—					
	Other Inorganics	5.5					
Metals	Aluminum Cans	5.7					
	Other Aluminum	2.3					
	Ferrous Food Cans	2.3					
	Other Ferrous	2.3					
	Other Nonferrous	2.3					
Glass	Food and Beverage Glass	5.5					
	Other Glass	5.5					
Other	Medical Waste	—					
	Household Hazardous Waste	—					
	Special/Problem Waste						
TOTALS:							

NOTES: _____

DAY #4
TARES
2"

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No:

Sample Date: 8/6/15

Thursday
Save



Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper	2.3					
	Corrugated Cardboard						
	Magazines						
	Other Paper	2.2					
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film	2.2					
	Polypropylene						
	Other Plastics	2.3					
Organics	Food Waste	2.5					
	Yard Waste	2.3					
	Wood Waste	2.1					
	Textiles						
	Other Organics	2.2					
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics	2.1					
Metals	Aluminum Cans						
	Other Aluminum	2.2	2				
	Ferrous Food Cans						
	Other Ferrous	2.2					
	Other Nonferrous	2.2					
Glass	Food and Beverage Glass	2.2					
	Other Glass	2.2					
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

NOTES: _____

RRC Waste Composition Data Sheet



2" Minus Client Facility: Landfill-Layton-Utah

Sample No: 33 Sample Date: 8/6/15

Collection Company: Robinson Truck No: 300

Collection Location: Commercial-210 Ticket No: 2347959

Category	Component	Net Wt	Gross Wt	Gross Wt	Gross Wt	Total Net Wt	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#:2347959

Bill Acct: ROBINSON WASTE DISPOSAL
 Haul Acct: ROBINSON WASTE DISPOSAL
 Vehicle#: ROB10412
 Vehicle Type: 21 - Front Loader
 Fleet #: 806
 Trailer #: SAMPLE 33
 In: 07:15 08/06/15 MGT
 Out: 07:19 08/06/15 HAM
 Transaction: 210 - Commercial Weighed
 Origin: 1 - Not Specified
 Product: 100 - MSW
 Rate: \$30.00/tn
 Special Fees:

PO:
 Lbs Tons Gross
 59940 29.97 Gross
 36460 18.23 Tare
 23480 11.74 Net
 Volume: 0

Tip Fee: 352.20
 Special Fee: 0.00
 Subtotal: 352.20
 Sales Tax: 0.00
Total Fee: \$352.20

Payment Type: 1 - Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

J GRAHAM

Driver: /

Total Fines (lb)

NOTES:

#33

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 33

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		14.5				
	High Grade Paper		8.4				
	Corrugated Cardboard		18.4				
	Magazines		6.3				
	Other Paper		29.6	36.0			
Plastics	HDPE w/ neck		10.2				
	PET w/ neck		12.4				
	Plastic Film		28.9				
	Polypropylene		7.5				
	Other Plastics		29.1				
Organics	Food Waste		24.3	11.3			
	Yard Waste		23.7				
	Wood Waste		7.6				
	Textiles		17.6				
	Other Organics		9.9				
Inorganics	Small Electric Appliances		7.1				
	Alkaline Batteries		0.0				
	Other Batteries						
	Other Inorganics		9.0				
Metals	Aluminum Cans		6.6				
	Other Aluminum		3.0				
	Ferrous Food Cans		7.0				
	Other Ferrous		4.6				
	Other Nonferrous		-				
Glass	Food and Beverage Glass		5.9	7.3			
	Other Glass		5.1	6.9			
Other	Medical Waste		-				
	Household Hazardous Waste		-				
	Special/Problem Waste		-				
TOTALS:							

Plump
26.0
6.0
12.0
18.0
24.0
30.0
36.0

7.1

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch

Sample No: 33

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	2					
	High Grade Paper		2.4				
	Corrugated Cardboard						
	Magazines						
	Other Paper		4.8				
Plastics	HDPE w/ neck	2					
	PET w/ neck						
	Plastic Film		2.4				
	Polypropylene						
	Other Plastics		3.2				
Organics	Food Waste	2					
	Yard Waste		9.8				
	Wood Waste		Less than				
	Textiles		2.1				
	Other Organics		Less than				
			2.3				
Inorganics	Small Electric Appliances	2					
	Alkaline Batteries		0.2				
	Other Batteries						
	Other Inorganics		2.9				
Metals	Aluminum Cans	2					
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous		2.3				
	Other Nonferrous						
Glass	Food and Beverage Glass	2					
	Other Glass		2.3				
Other	Medical Waste	2					
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

finer - 5.8

NOTES: _____

RRC Waste Composition Data Sheet



2 " Minus Landfill-Layton-Utah
 Client Facility: Landfill-Layton-Utah

Sample No: 34 Sample Date: 8/6/15

Collection Company: Robinson Truck No: 308

Collection Location: Commercial-210 Ticket No: 2347976

Category	Component	Lare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#:2347976

Bill Acct: ROBINSON WASTE DISPOSAL
 Haul Acct: ROBINSON WASTE DISPOSAL
 Vehicle# : ROB10619
 Vehicle Type : 21 - Front Loader
 Fleet # : 308
 Trailer # : SAMPLE34
 In : 07:37 08/06/15 MGT
 Out: 07:44 08/06/15 HAM
 Transaction: 210 - Commercial Weighed
 Origin: 270 - Hill AFB
 Product: 100 - MSW
 Rate: \$30.00/tn
 Special Fees:

PO:
 Lbs Tons
 49820 24.91 Gross
 36320 18.16 Tare
 13500 6.75 Net
 Volume: 0

Tip Fee : 202.50
 Special Fee: 0.00
 Subtotal : 202.50
 Sales Tax : 0.00
Total Fee : \$202.50

Payment Type: - Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

B MARSH

Driver:

#34

Total Fines (lb)

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Wasatch

Sample No: 34

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		12.0				
	High Grade Paper		4.1				
	Corrugated Cardboard		24.2				
	Magazines						
	Other Paper		52.1	41.9			
Plastics	HDPE w/ neck		4.1				
	PET w/ neck		16.4				
	Plastic Film		30.7	20.0			
	Polypropylene		9.4				
	Other Plastics		31.6				
Organics	Food Waste		13.5				
	Yard Waste						
	Wood Waste		7.5				
	Textiles		14.8				
	Other Organics		12.0				
Inorganics	Small Electric Appliances		1.3				
	Alkaline Batteries		-				
	Other Batteries		-				
	Other Inorganics		6.3				
Metals	Aluminum Cans		8.7				
	Other Aluminum		2.4				
	Ferrous Food Cans		2.4				
	Other Ferrous		9.4				
	Other Nonferrous		5.6				
Glass	Food and Beverage Glass		7.3				
	Other Glass		6.1				
Other	Medical Waste		-				
	Household Hazardous Waste		-				
	Special/Problem Waste		-				
TOTALS:							

75
95

6/26
6/26
20.5 20.9

NOTES:

Truly a comm. Load
Looks like from a Shop Area
Lots of grease

60
20
70
45
155

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No: 34

Sample Date: 8/16/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	}					
	High Grade Paper		2.3				
	Corrugated Cardboard						
	Magazines						
	Other Paper		4.3				
Plastics	HDPE w/ neck	}		0.1			
	PET w/ neck						
	Plastic Film		2.5				
	Polypropylene						
	Other Plastics		3.5				
Organics	Food Waste	}		4.7			
	Yard Waste						
	Wood Waste		2.1				
	Textiles						
	Other Organics		2.5				
Inorganics	Small Electric Appliances	}					
	Alkaline Batteries						
	Other Batteries		0.3	0.1			
	Other Inorganics						
Metals	Aluminum Cans	}					
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous		11.5				
	Other Nonferrous		4.3				
Glass	Food and Beverage Glass	}					
	Other Glass						
Other	Medical Waste	}					
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						
	TOTAL FINES (LBS):						

finer - 8.2

NOTES: _____

RRC Waste Composition Data Sheet



2" Minus Client Facility: Landfill-Layton-Utah

Sample No: 35 Sample Date: 8/6/15

Collection Company: Robinson Truck No: 120

Collection Location: Kaysville Ticket No: 2347993

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 680 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2347993

Bill Acct: KAYSVILLE CITY
 Haul Acct: ROBINSON WASTE DISPOSAL
 Vehicle# : 10667
 Vehicle Type : 20 - Side Loader
 Fleet # :
 Trailer # : SAMPLE 35
 In : 08:19 08/06/15 MGT
 Out : 08:26 08/06/15 HAM
 Transaction: 300 - Municipal Automate
 Origin: 150 - Kaysville
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:
 Lbs Tons
 54520 27.26 Gross
 35440 17.72 Tare
 19080 9.54 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

B BROWN

Driver: 

Total Fines (lb)

NOTES: _____

#35

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Woodatch

Sample No: 35

Sample Date: 8/4/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	2	15.5			0	
	High Grade Paper	2	7.3			0	
	Corrugated Cardboard		20.9			0	
	Magazines		10.9			0	
	Other Paper		20.2	28.2	41.8	0	
Plastics	HDPE w/ neck		9.9			0	
	PET w/ neck		12.1			0	
	Plastic Film		32.0			0	
	Polypropylene		6.5			0	
	Other Plastics		25.4			0	
Organics	Food Waste		16.2	25.0		0	
	Yard Waste		9.3			0	
	Wood Waste		7.5			0	
	Textiles		8.6			0	
	Other Organics		9.2			0	
Inorganics	Small Electric Appliances		0.3			0	
	Alkaline Batteries		-			0	
	Other Batteries		-			0	
	Other Inorganics		16.0	0.8		0	
Metals	Aluminum Cans		6.6			0	
	Other Aluminum		2.5			0	
	Ferrous Food Cans		3.9			0	
	Other Ferrous		3.5			0	
	Other Nonferrous		2.4			0	
Glass	Food and Beverage Glass		9.8			0	
	Other Glass		-			0	
Other	Medical Waste		-			0	
	Household Hazardous Waste		-			0	
	Special/Problem Waste		-			0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Waster



Sample No: 35

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		0.1			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		3.5			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.5			0	
	Polypropylene					0	
	Other Plastics		3.0			0	
Organics	Food Waste		6.0			0	
	Yard Waste		14.9			0	
	Wood Waste	2	2.2			0	
	Textiles					0	
	Other Organics		0.1			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum		2.3			0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		0.1			0	
	Other Glass		0.1			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 5.8

NOTES: 96% yard 10 food

RRC Waste Composition Data Sheet

2 " Minus Landfill-Layton-Utah



Client Facility: Landfill-Layton-Utah
 Sample No: 36 Sample Date: 8/6/15
 Collection Company: Waste mgmt Truck No: 103003
 Collection Location: n. salt lake Ticket No: 2348009

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2348009

Bill Acct: NORTH SALT LAKE CITY
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle# : 10289
 Vehicle Type : 20 - Side Loader
 Fleet # : 103003
 Trailer # : SAMPLE 36
 In : 08:43 08/06/15 KA
 Out: 08:47 08/06/15 HAM
 Transaction: 300 - Municipal Automate
 Origin: 190 - North Salt Lake
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:
 Lbs Tons
 50600 25.30 Gross
 34780 17.39 Tare
 15820 7.91 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

36

Total Fines (lb)

NOTES:

J ROWLEY

Driver: _____

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Wheat

Sample No: 36

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		9.1			0	
	High Grade Paper		6.8			0	
	Corrugated Cardboard		18.9			0	
	Magazines		7.2			0	
	Other Paper		29.6	22.6		0	
Plastics	HDPE w/ neck		10.6			0	
	PET w/ neck		15.6			0	
	Plastic Film		28.5			0	
	Polypropylene		6.8			0	
	Other Plastics		24.1			0	
Organics	Food Waste		21.7	33.0	7.1	0	
	Yard Waste		64.6	9.6		0	
	Wood Waste		6.8			0	
	Textiles		7.3			0	
	Other Organics		19.9			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		20.3			0	
Metals	Aluminum Cans		6.6			0	
	Other Aluminum		2.9			0	
	Ferrous Food Cans		3.1			0	
	Other Ferrous		3.9			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		14.8			0	
	Other Glass		5.6			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wacoated

Sample No: 36

Sample Date: 8/6/05



Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.4			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		3.6			0	
Plastics	HDPB w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.3			0	
	Polypropylene					0	
	Other Plastics		2.9			0	
Organics	Food Waste		5.8			0	
	Yard Waste		15.9			0	
	Wood Waste		Leather			0	
	Textiles					0	
	Other Organics		Leather			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		0.1			0	
Metals	Aluminum Cans					0	
	Other Aluminum		Leather			0	
	Ferrous Food Cans					0	
	Other Ferrous		2.3			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	

Total Fines (lb) 5.9

NOTES:

90% yard - food 10%

RRC Waste Composition Data Sheet



Client Facility: 2" Minus Landfill-Layton-Utah

Sample No: 37 Sample Date: 8/6/15

Collection Company: Robinson Truck No: 129

Collection Location: Syracuse Ticket No: 2348054

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2348054

Bill Acct: SYRACUSE CITY CORPORATION
 Haul Acct: ROBINSON WASTE DISPOSAL
 Vehicle#: 11078
 Vehicle Type: 20 - Side Loader
 Fleet #: 129
 Trailer #: SAMPLE 37
 In: 09:29 08/06/15 MGT
 Out: 09:35 08/06/15 HAM
 Transact: 300 - Municipal Automate
 Origin: Syracuse
 Product: - MSW
 Rate: \$0.00/na
 Special Fees:

PO:
 Lbs Tons
 58460 29.23 Gross
 36240 18.12 Tare
 22220 11.11 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

37

Total Fines (lb)

NOTES:

B ORTON

Driver:

[Signature]

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wheat

Sample No: 37

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		18.0			0	
	High Grade Paper		8.4			0	
	Corrugated Cardboard		32.0			0	
	Magazines		10.5			0	
	Other Paper		32.3	37.7		0	
Plastics	HDPE w/ neck		9.9			0	
	PET w/ neck		13.5			0	
	Plastic Film		27.4			0	
	Polypropylene		7.3			0	
	Other Plastics		29.1			0	
Organics	Food Waste		19.3	12.9		0	
	Yard Waste		6.4			0	
	Wood Waste		12.4			0	
	Textiles		9.6			0	
	Other Organics		22.0			0	
Inorganics	Small Electric Appliances		(0.1)			0	
	Alkaline Batteries		(0.1)			0	
	Other Batteries		-			0	
	Other Inorganics		10.8			0	
Metals	Aluminum Cans		7.1			0	
	Other Aluminum		3.1			0	
	Ferrous Food Cans		4.3			0	
	Other Ferrous		3.1			0	
	Other Nonferrous		5.0			0	
Glass	Food and Beverage Glass		13.4			0	
	Other Glass		(0.4)			0	
Other	Medical Waste					0	
	Household Hazardous Waste		6.9	Heavy metal		0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Worwater

Sample No: 37

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

RRC

Category	Component	Tare WT	Gross WT	1 Gross WT	2 Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.4			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		5.4			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film					0	
	Polypropylene					0	
	Other Plastics		2.8			0	
Organics	Food Waste		4.8			0	
	Yard Waste		10.0			0	
	Wood Waste		2.1			0	
	Textiles					0	
	Other Organics		2.3			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		4.1	3.3		0	
Metals	Aluminum Cans					0	
	Other Aluminium		2.4			0	
	Ferrous Food Cans					0	
	Other Ferrous		2.4			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		2.7			0	
	Other Glass		2.3			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 6.7

NOTES: enclg- yard

WASATCH INTEGRATED WASTE

650 E. HWY 193
LAYTON, UT. 84041
614-5600

Davis Landfill
Outbound Scale Lane
Ticket#:2348078

Bill Acct: ROBINSON WASTE DISPOSAL
Haul Acct: ROBINSON WASTE DISPOSAL
Vehicle# : ROB10497
Vehicle Type : 21 - Front Loader
Fleet # : 307
Trailer # : TOM
In : 09:49 08/06/15 MGT
Out: 09:56 08/06/15 HAM
Transaction: 210 - Commercial Weighed
Origin: 1 - Not Specified
Product: 100 - MSW
Rate: \$30.00/tn
Special Fees:

PO:

Lbs	Tons	
56580	28.29	Gross
39280	19.64	Tare
17300	8.65	Net
Volume:	0	

```

=====
Tip Fee      :    259.50
Special Fee  :     0.00
Subtotal    :    259.50
Sales Tax   :     0.00
Total Fee  :  $259.50
=====

```

Payment Type:1 - Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

***** REPRINTED TICKET *****

T BROWNING

Driver: _



RRC Waste Composition Data Sheet

2" Plus

RRC

Client Facility: Wascator

Sample No: 38

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		(0.4)			0	
	High Grade Paper		6.7			0	
	Corrugated Cardboard		21.6			0	
	Magazines		(0.2)			0	
	Other Paper		30.7	37.0		0	
Plastics	HDPE w/ neck		10.9			0	
	PET w/ neck		11.6			0	
	Plastic Film		29.3			0	
	Polypropylene		6.1			0	
	Other Plastics		31.0			0	
Organics	Food Waste		(30.8)	10.9		0	
	Yard Waste		18.5	5.4		0	
	Wood Waste					0	
	Textiles		11.5			0	
	Other Organics		10.1			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		(0.2)			0	
Metals	Aluminum Cans		6.3			0	
	Other Aluminum					0	
	Ferrous Food Cans		3.8			0	
	Other Ferrous		3.2			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste		(10.3)	partial full of gym floor finish		0	
TOTALS:			0	0	0	0	0

28.8
4.8

15
20
20
45
30
115
170
39.9
15.2
24.7

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Woodstock

Sample No: 38

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

RRC

Category	Component	Tare WT	Gross WT	1 Gross WT	2 Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		4.4			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.4			0	
	Polypropylene					0	
	Other Plastics		3.9			0	
Organics	Food Waste		9.5			0	
	Yard Waste					0	
	Wood Waste					0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		0.1			0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous		2.5			0	
	Other Nonferrous		2.3			0	
Glass	Food and Beverage Glass					0	
	Other Glass		0.2			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
	TOTALS:		0	0	0	0	0

Total Fines (lb) 5.5

NOTES: 100% food

RRC Waste Composition Data Sheet



2 " Minus Landfill-Layton-Utah

Client Facility: Landfill-Layton-Utah

Sample No: 3839

Sample Date: 8/6/15

Collection Company: Waste mgmt.

Truck No: 102719

Collection Location: woods cross

Ticket No: 2348060

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
TOTALS:							

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2348060

 Bill Acct: WOODS CROSS CITY
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Veh. # : 10136
 Vehicle Type : 20 - Side Loader
 Fleet # : 102719
 Trailer # : SAMPLE 38
 In : 09:33 08/06/15 MGT
 Out : 09:47 08/06/15 HAM
 Transaction : 300 - Municipal Automate
 Origin : 300 - Woods Cross City
 Product : 100 - MSW
 Rate : 50.00/na
 Special Fees :

 PO:
 Lbs Tons Gross
 52960 24.48
 39320 17.66 Tare
 13640 6.82 Net
 Volume: 0
 Tip Fee : 0.00
 Special Fee : 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0
 Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

Handwritten initials/signature

***** REPRINTED TICKET *****

M SMITH

Driver: *Robert Smith*

Total Fines (lb)

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wpsatch

Sample No: 39

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		10.6			0	
	High Grade Paper		7.4			0	
	Corrugated Cardboard		18.1			0	
	Magazines		7.9			0	
	Other Paper		27.2	30.1		0	
Plastics	HDPE w/ neck		9.3			0	
	PET w/ neck		13.4			0	
	Plastic Film		27.3			0	
	Polypropylene		6.5			0	
	Other Plastics		28.4			0	
Organics	Food Waste			17.2	21.0	0	
	Yard Waste		78.4	gross	8.1	0	
	Wood Waste			21.6		0	
	Textiles		13.3			0	
	Other Organics		13.2			0	
Inorganics	Small Electric Appliances			7.6		0	
	Alkaline Batteries		0.8			0	
	Other Batteries					0	
	Other Inorganics		9.7			0	
Metals	Aluminum Cans		5.8			0	
	Other Aluminum		2.5			0	
	Ferrous Food Cans		3.6			0	
	Other Ferrous		2.6			0	
	Other Nonferrous		2.5			0	
Glass	Food and Beverage Glass		1.2			0	
	Other Glass		6.5			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No: 39

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.3			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		3.5			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.4			0	
	Polypropylene					0	
	Other Plastics		3.5			0	
Organics	Food Waste		4.6			0	
	Yard Waste		11.2			0	
	Wood Waste		2.1			0	
	Textiles		0.1			0	
	Other Organics		2.3			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		0.1			0	
Metals	Aluminum Cans					0	
	Other Aluminum		3.4			0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		2.5			0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 5.7

NOTES: 95% yard 5% food

RRC Waste Composition Data Sheet



2" Minus Client Facility: Landfill-Layton-Utah

Sample No: 2940 Sample Date: 8-6-15

Collection Company: Rob Truck No: 306

Collection Location: Commercial-210 Ticket No: 2348160

Category	Component	Tare WT	Gross WT	Net WT	CYBS WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
	Metals	Aluminum Cans					
Other Aluminum							
Ferrous Food Cans							
Other Ferrous							
Other Nonferrous							
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2348160

 Bill Acct: ROBINSON WASTE DISPOSAL
 Haul Acct: ROBINSON WASTE DISPOSAL
 Vehicle #: RO10412
 Vehicle Type: 21 - Front Loader
 Fleet #: 306
 Trailer #: JIMMY
 In: 11:08 08/06/15 MGT
 Out: 11:16 08/06/15 MGT
 Transaction: 210 - Commercial Weighed
 Origin: 1 - Not Specified
 Product: 100 - MSW
 Rate: \$30.00/tn
 Special Fees:

 PO:
 Lbs Tons Gross
 60380 30.19
 36660 18.33 Tare
 23720 11.86 Net
 Volume: 0

 Tip Fee : 355.80
 Special Fee: 0.00
 Subtotal : 355.80
 Sales Tax : 0.00
Total Fee : \$355.80

 Payment Type: 1 - Charge
 Tended: Change:
 Check Number:
 Credit Card Authorization:

40
#39

***** REPRINTED TICKET *****

J GRAHAM

Driver: AMW

Total Fines (lb)

NOTES:

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 40

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

RRC

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		16.1			0	
	Corrugated Cardboard		32.4	34.8		0	
	Magazines					0	
	Other Paper		17.9	43.4		0	
Plastics	HDPE w/ neck		34.1	8.7		0	
	PET w/ neck		10.4			0	
	Plastic Film		36.0			0	
	Polypropylene		7.0			0	
	Other Plastics		33.4			0	
Organics	Food Waste		15.1			0	
	Yard Waste		0.0			0	
	Wood Waste		10.1			0	
	Textiles		9.8			0	
	Other Organics		19.7			0	
Inorganics	Small Electric Appliances			6.2		0	
	Alkaline Batteries		0.0			0	
	Other Batteries					0	
	Other Inorganics		20.1	0.5		0	
Metals	Aluminum Cans		16.6			0	
	Other Aluminum		2.9			0	
	Ferrous Food Cans		5.3			0	
	Other Ferrous		5.5			0	
	Other Nonferrous		2.5			0	
Glass	Food and Beverage Glass		0.4			0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste			Epoxy Resin 0.0		0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wheat

Sample No: 40

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	}				0	
	High Grade Paper		2.4			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		3.0			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.3			0	
	Polypropylene					0	
	Other Plastics		2.9			0	
Organics	Food Waste			0.1	3.6	0	
	Yard Waste		0.1		2.9	0	
	Wood Waste					0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous		0.2			0	
	Other Nonferrous				Less than	0	
Glass	Food and Beverage Glass		2.4			0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 3.0

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus Landfill-Layton-Utah

Client Facility: Landfill-Layton-Utah

Sample No: 4041

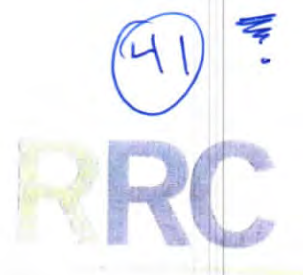
Sample Date: 8-6-15

Collection Company: Robinson

Truck No: 122

Collection Location: Kaysville

Ticket No: 2348250



Category	Component	Lbs WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						
	High Grade Paper						
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
TOTALS:							

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2348250

Bill Acct: KAYSVILLE CITY
 Haul Acct: ROBINSON WASTE DISPOSAL
 Vehicle#: 10777
 Vehicle Type: 20 - Side Loader
 Fleet #: 122
 Trailer #: SAMPLE 39
 In: 12:51 08/06/15 KA
 Out: 12:54 08/06/15 MGT
 Transaction: 300 - Municipal Automate
 Origin: 150 - Kaysville
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

FO:
 Lbs Tons Gross
 52100 26.05 Gross
 36560 18.28 Tare
 15540 7.77 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

E WALTERS

Driver: EW

4041

Total Fines (lb)

NOTES

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wesatch

Sample No: 41

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

RRC

50
75
125

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		10.9			0	
	High Grade Paper		8.4			0	
	Corrugated Cardboard		0.0			0	
	Magazines		7.0			0	
	Other Paper		29.0	37.9		0	
Plastics	HDPE w/ neck		9.2			0	
	PET w/ neck		12.2			0	
	Plastic Film		26.6			0	
	Polypropylene		7.0			0	
	Other Plastics		31.9			0	
Organics	Food Waste			26.2	15.1	0	
	Yard Waste		54.2	MAN	Leather 0.1	0	
	Wood Waste			19.8		0	
	Textiles		11.7			0	
	Other Organics		19.1			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries		0.1			0	
	Other Batteries					0	
	Other Inorganics		0.3			0	
Metals	Aluminum Cans		5.9			0	
	Other Aluminium		3.7			0	
	Ferrous Food Cans		4.9			0	
	Other Ferrous		3.6			0	
	Other Nonferrous		3.2			0	
Glass	Food and Beverage Glass		12.2			0	
	Other Glass		5.9			0	
Other	Medical Waste		1-Needle			0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

7 2 L

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch

Sample No: 41

Sample Date: 8/6/15



Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	1 Gross WT	2 Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.4			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		3.9			0	
Plastics	HDPE w/ neck		Trace			0	
	PET w/ neck					0	
	Plastic Film		2.4			0	
	Polypropylene					0	
	Other Plastics		2.8			0	
Organics	Food Waste		9.1			0	
	Yard Waste					0	
	Wood Waste		2.1			0	
	Textiles					0	
	Other Organics		0.0			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries		0.5			0	
	Other Batteries					0	
	Other Inorganics		2.4			0	
Metals	Aluminum Cans					0	
	Other Aluminum		2.3			0	
	Ferrous Food Cans					0	
	Other Ferrous		2.3			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		2.5			0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:				0	0	0	0

Total Fines (lb) 5.6

NOTES: _____

42



RRC Waste Composition Data Sheet

2" Minus Client Facility: Landfill-Layton-Utah

Sample No: 41 42 Sample Date: 8-6-15

Collection Company: Robinson Truck No: 310

Collection Location: FL Commercial-210 Ticket No: 2348263

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-8600
Davis Landfill
Outbound Scale Lane
Ticket#: 2348263

Bill Acct: ROBINSON WASTE DISPOSAL
Haul Acct: ROBINSON WASTE DISPOSAL
Vehicle#: ROB11087
Vehicle Type: 21 - Front Loader
Fleet #: 310
Trailer #: SAMPLE 40
In: 12:55 08/06/15 KA
Out: 13:05 08/06/15 MGT
Transaction: 210 - Commercial Weighed
Origin: 1 - Not Specified
Product: 100 - MSW
Rate: \$30.00/tn
Special Fees:

PO:
Lbs Tons
65180 32.59 Gross
41000 20.50 Tare
24180 12.09 Net
Volume: 0

Tip Fee : 362.70
Special Fee: 0.00
Subtotal : 362.70
Sales Tax : 0.00
Total Fee : \$362.70

Payment Type: 1 - Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

~~41~~
42

***** REPRINTED TICKET *****

Total Fines (lb)

NOTES:

BRAD PYLE

Driver:

Brad Pyle

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 42

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	}	0.0			0	
	High Grade Paper		19.8			0	
	Corrugated Cardboard		26.1			0	
	Magazines		0.2			0	
	Other Paper		22.2	20.0	31.5	0	
Plastics	HDPE w/ neck	}	0.0			0	
	PET w/ neck		70.5			0	
	Plastic Film		25.7			0	
	Polypropylene		6.4			0	
	Other Plastics		23.6			0	
Organics	Food Waste	}	10.0			0	
	Yard Waste		41.3			0	
	Wood Waste		14.0			0	
	Textiles		0.2			0	
	Other Organics		24.4			0	
Inorganics	Small Electric Appliances	}	—			0	
	Alkaline Batteries		—			0	
	Other Batteries		—			0	
	Other Inorganics		45.8	2.0		0	
Metals	Aluminum Cans	}	5.9			0	
	Other Aluminum		2.5			0	
	Ferrous Food Cans		2.4			0	
	Other Ferrous		2.9			0	
	Other Nonferrous		—			0	
Glass	Food and Beverage Glass	}	—			0	
	Other Glass		—			0	
Other	Medical Waste	}	—			0	
	Household Hazardous Waste		—			0	
	Special/Problem Waste		—			0	
TOTALS:			0	0	0	0	0

50
40
20
6.5
15.5
4.0
1.95

4.13
0.40
8.3
45.8

NOTES: _____

7

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wecatch

Sample No: 42

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

RRC

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.3			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		4.1			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck		0.1			0	
	Plastic Film		2.5			0	
	Polypropylene					0	
	Other Plastics		3.6			0	
Organics	Food Waste		4.4			0	
	Yard Waste					0	
	Wood Waste		2.3			0	
	Textiles					0	
	Other Organics		0.1			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		0.1	3.4		0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous		2.3			0	
	Other Nonferrous		2.3			0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
	TOTALS:		0	0	0	0	0

Total Fines (lb) 3.8

NOTES: 95% organic - 5% other plastic

RRC Waste Composition Data Sheet

2" Minus

Client Facility:

Landfill-Layton-Utah

43



Sample No:

42 43

Sample Date

8-6-15

Collection Company:

ACE

Truck No:

485

Collection Location:

Centerville

Ticket No:

2348357

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Calcd Net WT	WT %
Paper	Newsprint						0
	High Grade Paper						0
	Corrugated Cardboard						0
	Magazines						0
	Other Paper						0
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
	Metals	Aluminum Cans					
Other Aluminum							
Ferrous Food Cans							
Other Ferrous							
Other Nonferrous							
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2348357

Bill Acct: CENTERVILLE CITY
 Haul Acct: ACE DISPOSAL
 Vehicle#: 11121
 Vehicle Type: 20 - Side Loader
 Fleet #: 485
 Trailer #: SAMPLE 42
 In: 14:34 08/06/15 KA
 Out: 14:40 08/06/15 MGT
 Transaction: 300 - Municipal Automate
 Origin: 100 - Centerville
 Product: 100 - MSW
 Rate: 50.00/na
 Special Fees:

PO:
 Lbs Tens Gross
 56200 28.10 Gross
 35460 17.73 Tare
 20740 10.37 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****
 sample 42
 M POWER

Driver: _____

Total Fines (lb)

NOTES:

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 43

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		15.2			0	
	High Grade Paper		6.6			0	
	Corrugated Cardboard		20.5			0	
	Magazines		10.3			0	
	Other Paper		25.4	41.6		0	
Plastics	HDPE w/ neck		10.8	10.8		0	
	PET w/ neck		11.9			0	
	Plastic Film		25.7			0	
	Polypropylene		6.3			0	
	Other Plastics		27.9			0	
Organics	Food Waste		20.7	18.5		0	
	Yard Waste		15.9	19.2		0	
	Wood Waste		6.3			0	
	Textiles		10.5			0	
	Other Organics		15.7			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries		0.1			0	
	Other Batteries					0	
	Other Inorganics		19.3			0	
Metals	Aluminum Cans		8.1			0	
	Other Aluminum		2.9			0	
	Ferrous Food Cans		4.4			0	
	Other Ferrous		30.0			0	
	Other Nonferrous		2.8			0	
Glass	Food and Beverage Glass		14.6			0	
	Other Glass		-			0	
Other	Medical Waste		3.4	Needles		0	
	Household Hazardous Waste		-			0	
	Special/Problem Waste		-			0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch

Sample No: 43

Sample Date: 8/6/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.4			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		3.5			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.3			0	
	Polypropylene		less than			0	
	Other Plastics		3.0			0	
Organics	Food Waste		3.9			0	
	Yard Waste		7.9			0	
	Wood Waste		2.2			0	
	Textiles					0	
	Other Organics		2.3			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries		0.2			0	
	Other Batteries					0	
	Other Inorganics		2.3			0	
Metals	Aluminum Cans					0	
	Other Aluminum		2.4			0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste		1-needle			0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 4.6

NOTES: _____

Friday

DAY # 5
TARES
2" +

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Jare

RRC

Sample No: _____

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint	8.4				0	
	High Grade Paper	5.5				0	
	Corrugated Cardboard	15.4				0	
	Magazines	5.6				0	
	Other Paper	15.3				0	
Plastics	HDPE w/ neck	8.3				0	
	PET w/ neck	8.9				0	
	Plastic Film	15.3				0	
	Polypropylene	5.8				0	
	Other Plastics	15.9				0	
Organics	Food Waste	2.3				0	
	Yard Waste	5.2				0	
	Wood Waste	5.8				0	
	Textiles	6.4				0	
	Other Organics	5.5				0	
Inorganics	Small Electric Appliances	—				0	
	Alkaline Batteries	—				0	
	Other Batteries	—				0	
	Other Inorganics	5.5				0	
Metals	Aluminum Cans	5.7				0	
	Other Aluminum	2.3				0	
	Ferrous Food Cans	2.3				0	
	Other Ferrous	2.2				0	
	Other Nonferrous	2.5				0	
Glass	Food and Beverage Glass	5.5				0	
	Other Glass	5.5				0	
Other	Medical Waste	—				0	
	Household Hazardous Waste	—				0	
	Special/Problem Waste	—				0	
	TOTALS:		0	0	0	0	0

NOTES: _____

DAY #5
TARES
2" -

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Friday Sale
8/7/15

RRC

Sample No: _____

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper	2.3				0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper	2.3				0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film	2.3				0	
	Polypropylene					0	
	Other Plastics	2.3				0	
Organics	Food Waste	2.5				0	
	Yard Waste	2.3				0	
	Wood Waste	2.2				0	
	Textiles					0	
	Other Organics	2.3				0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics	2.1				0	
Metals	Aluminum Cans					0	
	Other Aluminum	2.4				0	
	Ferrous Food Cans					0	
	Other Ferrous	2.3				0	
	Other Nonferrous	2.2				0	
Glass	Food and Beverage Glass	3.4				0	
	Other Glass	2.2				0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 2.1

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus Landfill-Layton-Utah



Client Facility: Landfill-Layton-Utah
 Sample No: 51 Sample Date: 8-7-15
 Collection Company: ROBINSON Truck No: 120
 Collection Location: CLINTON Ticket No: 2348613

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2348613

Bill Acct: CLINTON CITY CORP.
 Haul Acct: ROBINSON WASTE DISPOSAL
 Vehicle#: 10670
 Vehicle Type: 20 - Side Loader
 Fleet #: 120
 Trailer #: SAMPLE 51
 In: 08:21 08/07/15 KA
 Out: 08:26 08/07/15 PWF
 Transaction: 300 - Municipal Automate
 Origin: 120 - Clinton
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:

Lbs	Tons	Gross
53660	26.83	
35300	17.65	Tare
18360	9.18	Net
Volume:	0	

Tip Fee	: 0.00
Special Fee	: 0.00
Subtotal	: 0.00
Sales Tax	: 0.00
Total Fee	: 0

Payment Type: 4 - No Charge
 Tended: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****
 SAMPLE 51
 LON HIPWELL

Total Fines (lb)

NOTES:

Driver:

NOTE: LAST SAMPLE # WAS 43. GAP IN SEQUENCE DUE TO HAULER / LOADER OP MISCOMM. THIS SAMPLE (#51) IS NEXT IN SERIES. INTENTIONAL GAP LEFT TO DENOTE CERTAIN FROM UNCERTAIN DATA WHILE ERROR WAS RECONCILED. AND DATA WAS RECONCILED.

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 1051

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

RRC

20
 15
 13
 5/3/00/0
 14/0

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		12.7			0	
	High Grade Paper		12.2			0	
	Corrugated Cardboard		21.9			0	
	Magazines		6.7			0	
	Other Paper		35.4	34.6		0	
Plastics	HDPE w/ neck		10.5			0	
	PET w/ neck		13.0			0	
	Plastic Film		24.7			0	
	Polypropylene		6.4			0	
	Other Plastics		29.5			0	
Organics	Food Waste		17.0	23.2		0	
	Yard Waste		31.8	19.0		0	
	Wood Waste		13.9			0	
	Textiles		4.3			0	
	Other Organics		18.7			0	
Inorganics	Small Electric Appliances		0.0			0	
	Alkaline Batteries		0.2			0	
	Other Batteries		-			0	
	Other Inorganics		0.0			0	
Metals	Aluminum Cans		6.3			0	
	Other Aluminum		3.1			0	
	Ferrous Food Cans		4.3			0	
	Other Ferrous		0.0	3.0		0	
Glass	Food and Beverage Glass		21.2			0	
	Other Glass		0.2			0	
Other	Medical Waste		-			0	
	Household Hazardous Waste		-			0	
	Special/Problem Waste		-			0	
TOTALS:			0	0	0	0	

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No: 451

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.4			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		2.9			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		3.4			0	
	Polypropylene		Leather			0	
	Other Plastics		3.9			0	
Organics	Food Waste		3.8			0	
	Yard Waste		13.1			0	
	Wood Waste		2.2			0	
	Textiles					0	
	Other Organics		2.3			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum		Leather			0	
	Ferrous Food Cans					0	
	Other Ferrous		0.1			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 4.7

NOTES: 100% Grass

RRC Waste Composition Data Sheet

2" Minus Landfill-Layton-Utah



Client Facility: Landfill-Layton-Utah
 Sample No: 52 Sample Date: 8-7-15

Collection Company: WASTEMANAGEMENT Truck No: 103446

Collection Location: LAYTON Ticket No: 2348626

Category	Component	Tare WT	Gross WT	Tare WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
TOTALS:						0	

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2348626

Bill Acct: LAYTON CITY CORPORATION
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle# : 10584
 Vehicle Type : 20 - Side Loader
 Fleet # : 103446
 Trailer # : SAMPLE 52
 In : 08:39 08/07/15 KA
 Out: 08:45 08/07/15 PWF
 Transaction: 300 - Municipal Automate
 Origin: 160 - Layton
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

PO:
 Lbs Tons Gross
 53580 26.79 Gross
 35480 17.74 Tare
 18100 9.05 Net
 Volume: 0

Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

JIMMY BERGERON

Driver: 9913

52

Total Fines (lb)

NOTES:

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 52

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

RRC

70
25
16.5
5.5
31.5
20
11.5

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		15.2			0	
	High Grade Paper		7.7			0	
	Corrugated Cardboard		17.8			0	
	Magazines		7.4			0	
	Other Paper		25.2	31.0		0	
Plastics	HDPE w/ neck		9.9			0	
	PET w/ neck		13.1			0	
	Plastic Film		23.6			0	
	Polypropylene		7.0			0	
	Other Plastics		24.8			0	
Organics	Food Waste		17.5	20.2		0	
	Yard Waste		95.4	13.3		0	
	Wood Waste		6.1			0	
	Textiles		7.7			0	
	Other Organics		6.7			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries			Zero (0.0)		0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans		6.9			0	
	Other Aluminium		2.8			0	
	Ferrous Food Cans		3.7			0	
	Other Ferrous		2.6			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		16.1			0	
	Other Glass		(0.0)			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch

Sample No: 1552

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.3			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		3.6			0	
Plastics	HDPE w/ neck		(2.1)			0	
	PET w/ neck					0	
	Plastic Film		2.3			0	
	Polypropylene					0	
	Other Plastics		3.1			0	
Organics	Food Waste		10.8			0	
	Yard Waste		2.4			0	
	Wood Waste		(0.1)			0	
	Textiles					0	
	Other Organics		2.5			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous		Leather (0.1)			0	
Glass	Food and Beverage Glass		(0.1)			0	
	Other Glass		(0.1)			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 4.8

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus Landfill-Layton-Utah
 Client Facility: Landfill-Layton-Utah



Sample No: 53 Sample Date: 8-7-15

Collection Company: ECONO WASTE Truck No: 207

Collection Location: CONSUMER FRONT LOADER Ticket No: 2348682

(LFD.-LAY)

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT%
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:					0	

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2348682

Bill Acct: ECONO WASTE INC.
 Haul Acct: ECONO WASTE INC.
 Vehicle#: EC09723
 Vehicle Type: 21 - Front Loader
 Fleet #: 207
 Trailer #: SAMPLE 53
 In: 09:29 08/07/15 HAM
 Out: 09:39 08/07/15 PWF
 Transaction: 210 - Commercial Weighed
 Origin: 410 - Out of District
 Product: 110 - Out of District - MSW
 Rate: \$30.00/tn
 Special Fees: Re-1
 1 - Refrigerant Units

PO:
 Lbs Tons
 50660 25.33 Gross
 38100 19.05 Tare
 12560 6.28 Net
 Volume: 0

Tip Fee : 188.40
 Special Fee: 15.00
 Subtotal : 203.40
 Sales Tax : 0.00
Total Fee : \$203.40

Payment Type: 1 - Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:

***** REPRINTED TICKET *****

JEFF CURTIS

Driver: JC

53

Total Fines (lb)

NOTES:

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 140 53

Sample Date: 8/11/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

RRC

~~15-16~~

25
13
10

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		0.2			0	
	High Grade Paper					0	
	Corrugated Cardboard		24.1	18.5		0	
	Magazines			5.1	33.8	21.5	0
	Other Paper		34.5	32.2		0	
Plastics	HDPE w/ neck		8.6			0	
	PET w/ neck		12.2			0	
	Plastic Film		27.0			0	
	Polypropylene		7.4			0	
	Other Plastics		23.3			0	
Organics	Food Waste		12.9	10.9		0	
	Yard Waste		5.6			0	
	Wood Waste		21.5			0	
	Textiles		1.6			0	
	Other Organics		26.6	19.6		0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans		7.1			0	
	Other Aluminum		2.7			0	
	Ferrous Food Cans		3.7			0	
	Other Ferrous		3.9			0	
	Other Nonferrous		2.4			0	
Glass	Food and Beverage Glass		10.7			0	
	Other Glass		5.7			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch

Sample No: 53

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	1 Gross WT	2 Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.5			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		3.8			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		3.4			0	
	Polypropylene		(B.D)			0	
	Other Plastics		2.8			0	
Organics	Food Waste		3.6			0	
	Yard Waste		6.4			0	
	Wood Waste					0	
	Textiles					0	
	Other Organics		5.0			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum		(B.D)			0	
	Ferrous Food Cans					0	
	Other Ferrous		Steel			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass		2.4			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 4.9

NOTES: _____

RRC Waste Composition Data Sheet



2" Minus
Client Facility: Landfill-Layton-Utah

Sample No: 54 Sample Date: 8-7-15

Collection Company: ROBINSON WASTE Truck No: 120

Collection Location: CLINTON Ticket No: 2348750

Category	Component	Net WT	Gross WT	Gross WT	Gross WT	Unit Net WT	WT %
Paper	Newsprint						0
	High Grade Paper						0
	Corrugated Cardboard						
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#: 2348750

Bill Acct: CLINTON CITY CORP.
Haul Acct: ROBINSON WASTE DISPOSAL
Vehicle#: 10670
Vehicle Type: 20 - Side Loader
Fleet #: 120
Trailer #: SAMPLE 54
In: 10:43 08/07/15 KA
Out: 10:49 08/07/15 PWF
Transaction: 300 - Municipal Automate
Origin: 120 - Clinton
Product: 100 - MSW
Rate: \$0.00/na
Special Fees:

PO:

Lbs	Tons	Gross
48760	24.38	
35300	17.65	Tare
13460	6.73	Net
Volume:	0	

Tip Fee	: 0.00
Special Fee	: 0.00
Subtotal	: 0.00
Sales Tax	: 0.00
Total Fee	: 0

Payment Type: 4 - No Charge
Tendered: Change:
Check Number:
Credit Card Authorization:
***** REPRINTED TICKET *****

LON HIPWELL

Driver: [Signature]

54

Total Fines (lb)

NOTES:

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 54

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		12.0			0	
	High Grade Paper		11.2			0	
	Corrugated Cardboard		16.5			0	
	Magazines		9.1			0	
	Other Paper		27.8	56.3		0	
Plastics	HDPE w/ neck		9.9			0	
	PET w/ neck		12.8			0	
	Plastic Film		23.5			0	
	Polypropylene		6.4			0	
	Other Plastics		21.4			0	
Organics	Food Waste		21.3	16.2		0	
	Yard Waste		32.2	5.7		0	
	Wood Waste		6.2			0	
	Textiles		7.4			0	
	Other Organics		11.7	18.0		0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		5.6			0	
Metals	Aluminum Cans		7.8			0	
	Other Aluminum		2.9			0	
	Ferrous Food Cans		4.8			0	
	Other Ferrous		2.7			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		15.1			0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch



Sample No: 54

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

1.25
8/5

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		3.1			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.4			0	
	Polypropylene					0	
	Other Plastics		2.7			0	
Organics	Food Waste		5.4			0	
	Yard Waste		30.4	9.4	30.4	0	
	Wood Waste		0			0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum		2.3			0	
	Ferrous Food Cans					0	
	Other Ferrous		2.5			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 6.3

NOTES: _____

RRC Waste Composition Data Sheet



2" Minus Landfill-Layton-Utah
 Client Facility: Landfill-Layton-Utah

Sample No: 55 Sample Date: 8-7-15

Collection Company: WASTE MANAGEMENT Truck No: 102987

Collection Location: NORTH SALT LAKE Ticket No: 2348818

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint						0
	High Grade Paper						0
	Corrugated Cardboard						0
	Magazines						
	Other Paper						
Plastics	HDPE w/ neck						
	PET w/ neck						
	Plastic Film						
	Polypropylene						
	Other Plastics						
Organics	Food Waste						
	Yard Waste						
	Wood Waste						
	Textiles						
	Other Organics						
Inorganics	Small Electric Appliances						
	Alkaline Batteries						
	Other Batteries						
	Other Inorganics						
Metals	Aluminum Cans						
	Other Aluminum						
	Ferrous Food Cans						
	Other Ferrous						
	Other Nonferrous						
Glass	Food and Beverage Glass						
	Other Glass						
Other	Medical Waste						
	Household Hazardous Waste						
	Special/Problem Waste						
	TOTALS:						

WASATCH INTEGRATED WASTE
 680 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2348818

 Bill Acct: NORTH SALT LAKE CITY
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle#: 10302
 Vehicle Type: 20 - Side Loader
 Fleet #: 102987
 Trailer #: SAMPLE 55
 In: 11:35 08/07/15 KA
 Out: 11:47 08/07/15 PWF
 Transaction: 300 - Municipal Automate
 Origin: 190 - North Salt Lake
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

 PO:
 Lbs Tons
 64680 32.34 Gross
 38060 19.03 Tare
 26620 13.31 Net
 Volume: 0

 Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0

 Payment Type: 4 - No Charge
 Tended: Change:
 Check Number:
 Credit Card Authorization:

 ***** REPRINTED TICKET *****

 DOUG NANDELL

 Driver: D NANDELL

55

Total Fines (lb)

NOTES: _____

RRC Waste Composition Data Sheet

2" Plus



Client Facility: Wasatch

Sample No: 55

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		14.3			0	
	High Grade Paper		10.4			0	
	Corrugated Cardboard		23.2			0	
	Magazines		11.1			0	
	Other Paper		25.5	28.2		0	
Plastics	HDPE w/ neck		10.3			0	
	PET w/ neck		14.0			0	
	Plastic Film		25.3			0	
	Polypropylene		6.9			0	
	Other Plastics		30.9			0	
Organics	Food Waste		26.9	10.1		0	
	Yard Waste		5.4			0	
	Wood Waste		11.9			0	
	Textiles		20.6			0	
	Other Organics		13.4			0	
Inorganics	Small Electric Appliances		6.6			0	
	Alkaline Batteries		-			0	
	Other Batteries		-			0	
	Other Inorganics		70.6 - dirt	11.0		0	
Metals	Aluminum Cans		6.3			0	
	Other Aluminum		3.1			0	
	Ferrous Food Cans		2.9			0	
	Other Ferrous		4.2			0	
	Other Nonferrous		-			0	
Glass	Food and Beverage Glass		9.4			0	
	Other Glass		-			0	
Other	Medical Waste		-			0	
	Household Hazardous Waste		-			0	
	Special/Problem Waste		-			0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No: 55

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		<u>Zero</u>			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		<u>3.8</u>			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		<u>2.3</u>			0	
	Polypropylene					0	
	Other Plastics		<u>3.0</u>			0	
Organics	Food Waste		<u>7.7</u>			0	
	Yard Waste			<u>2.5</u>		0	
	Wood Waste		<u>0.0</u>			0	
	Textiles		<u>Leather</u>			0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries		<u>0.0</u>			0	
	Other Batteries					0	
	Other Inorganics		<u>0.0</u>	<u>0.0</u>	<u>6.3</u>	0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous		<u>2.3</u>			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass		<u>0.0</u>			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	

Total Fines (lb) 6.5

NOTES: 95% dirt in Org 5% food

RRC Waste Composition Data Sheet



2" Minus Landfill-Layton-Utah

Client Facility:

Sample No: 56

Sample Date: 8-7-15

Collection Company: WASTEMANAGEMENT

Truck No: 103090

Collection Location: LAYTON

Ticket No: 2348860

Category	Component	Net WT	Gross WT	Net WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper					0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film					0	
	Polypropylene					0	
	Other Plastics					0	
Organics	Food Waste					0	
	Yard Waste					0	
	Wood Waste					0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass					0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
	TOTALS:						

WASATCH INTEGRATED WASTE
 650 E. HWY 193
 LAYTON, UT. 84041
 614-5600
 Davis Landfill
 Outbound Scale Lane
 Ticket#: 2348860

 Bill Acct: LAYTON CITY CORPORATION
 Haul Acct: WASTE MANAGEMENT N. UTAH
 Vehicle# : 11134
 Vehicle Type : 20 - Side Loader
 Fleet # : 103090
 Trailer # : SAMPLE 56
 In : 12:15 08/07/15 KA
 Out: 12:26 08/07/15 PWF
 Transaction: 300 - Municipal Automate
 Origin: 160 - Layton
 Product: 100 - MSW
 Rate: \$0.00/na
 Special Fees:

 PO:

Lbs	Tons	Gross
83100	26.55	
35320	17.66	Tare
17780	8.89	Net

 Volume: 0
 Tip Fee : 0.00
 Special Fee: 0.00
 Subtotal : 0.00
 Sales Tax : 0.00
Total Fee : 0
 Payment Type: 4 - No Charge
 Tendered: Change:
 Check Number:
 Credit Card Authorization:
 ***** REPRINTED TICKET *****

56

[Signature]

Total Fines (lb)

NOTES:

HUGH ATWOOD

Driver:

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Woratch

Sample No: 56

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

RRC

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		11.7			0	
	High Grade Paper		0.2			0	
	Corrugated Cardboard			25.8		0	
	Magazines		0.9			0	
	Other Paper		19.6	22.8		0	
Plastics	HDPE w/ neck		0.0			0	
	PET w/ neck		9.4			0	
	Plastic Film		19.0			0	
	Polypropylenc		5.8			0	
	Other Plastics		18.6			0	
Organics	Food Wasts		12.0			0	
	Yard Waste		48.3	5.5		0	
	Wood Waste		8.7			0	
	Textiles		9.3			0	
	Other Organics		9.5			0	
Inorganics	Small Electric Appliances		=			0	
	Alkaline Batteries		=			0	
	Other Batteries		=			0	
	Other Inorganics		14.0			0	
Metals	Aluminum Cans					0	
	Other Aluminum		2.5			0	
	Ferrous Food Cans			5.9	3.2	0	
	Other Ferrous		9.0	5.0		0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		7.0			0	
	Other Glass		6.0			0	
Other	Medical Waste		=			0	
	Household Hazardous Waste		=			0	
	Special/Problem Waste		=			0	
TOTALS:			0	0	0	0	0

NOTES: _____

8
 91.8
 15.6
 76.2

 25
 30
 55
 70.3
 15.5
 16.5

RRC Waste Composition Data Sheet

2 " Minus

Client Facility: Wasatch

RRC

Sample No: 56

Sample Date: 8/2/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper					0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		2.5			0	
Plastics	HDPE w/ neck					0	
	PET w/ neck					0	
	Plastic Film		2.2			0	
	Polypropylene					0	
	Other Plastics		2.4			0	
Organics	Food Waste		2.9			0	
	Yard Waste		5.3			0	
	Wood Waste		2.1			0	
	Textiles					0	
	Other Organics		Less than 0.1			0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum					0	
	Ferrous Food Cans					0	
	Other Ferrous		2.3			0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		4.1			0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

Total Fines (lb) 4.3

NOTES: 50% glass 50% yard (grass)

RRC Waste Composition Data Sheet

2" Minus

Client Facility:

Landfill-Layton-Utah



Sample No:

57

Sample Date:

8/7/15

Collection Company:

Robinson

Truck No:

127

Collection Location:

Farmington

Ticket No:

234 8941

Category	Component	Lane WT	Gross WT	Gross WT	Gross WT	Total Net Wt	%
Paper	Newsprint						0
	High Grade Paper						0
	Corrugated Cardboard						0
	Magazines						0
	Other Paper						0
Plastics	HDPE w/ neck						0
	PET w/ neck						0
	Plastic Film						0
	Polypropylene						0
	Other Plastics						0
Organics	Food Waste						0
	Yard Waste						0
	Wood Waste						0
	Textiles						0
	Other Organics						0
Inorganics	Small Electric Appliances						0
	Alkaline Batteries						0
	Other Batteries						0
	Other Inorganics						0
Metals	Aluminum Cans						0
	Other Aluminum						0
	Ferrous Food Cans						0
	Other Ferrous						0
	Other Nonferrous						0
Glass	Food and Beverage Glass						0
	Other Glass						0
Other	Medical Waste						0
	Household Hazardous Waste						0
	Special/Problem Waste						0
	TOTALS:						0

WASATCH INTEGRATED WASTE
650 E. HWY 193
LAYTON, UT. 84041
614-5600
Davis Landfill
Outbound Scale Lane
Ticket#: 2348941

Bill Acct: FARMINGTON CITY
Haul Acct: ROBINSON WASTE DISPOSAL
Vehicle #: 11007
Vehicle Type : 20 - Side Loader
Fleet # : 127
Trailer # : SAMPLE 57
In : 13:23 08/07/15 KA
Out: 13:31 08/07/15 HAM
Transaction: 300 - Municipal Automate
Origin: 130 - Farmington
Product: 100 - MSW
Rate: \$0.00/na
Special Fees:

PO:
Lbs Tons
64460 32.23 Gross
35100 17.55 Tare
29360 14.68 Net
Volume: 0

Tip Fee : 0.00
Special Fee: 0.00
Subtotal : 0.00
Sales Tax : 0.00
Total Fee : 0

Payment Method: No Charge
Tendered: Change:
Check Number:
Credit Card Authorization:

***** REPRINTED TICKET *****

P NORTHROP

Driver: *Pat*

Total Fines (lb)

NOTES:

RRC Waste Composition Data Sheet

2" Plus

Client Facility: Wasatch

Sample No: 57

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____

RRC

Category	Component	Tare WT	Gross WT	Gross WT	Gross WT	Total Net WT	WT %
Paper	Newsprint		8.9			0	
	High Grade Paper		8.6			0	
	Corrugated Cardboard		17.5			0	
	Magazines		7.9			0	
	Other Paper		28.2	28.2	31.3	0	
Plastics	HDPE w/ neck		9.6			0	
	PET w/ neck		11.2			0	
	Plastic Film		22.2			0	
	Polypropylene		6.8			0	
	Other Plastics		26.4			0	
Organics	Food Waste		18.3	13.8	28.3	0	
	Yard Waste		9.5			0	
	Wood Waste		7.9	3.3		0	
	Textiles		18.2			0	
	Other Organics		24.0			0	
Inorganics	Small Electric Appliances		1.0			0	
	Alkaline Batteries					0	
	Other Batteries					0	
	Other Inorganics		7.4			0	
Metals	Aluminum Cans			6.4		0	
	Other Aluminum			3.0		0	
	Ferrous Food Cans			11.8		0	
	Other Ferrous			3.4		0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		17.5			0	
	Other Glass		5.8			0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:			0	0	0	0	0

NOTES: _____

RRC Waste Composition Data Sheet

2" Minus

Client Facility: Wasatch

Sample No: 57

Sample Date: 8/7/15

Collection Company: _____

Truck No: _____

Collection Location: _____

Ticket No: _____



Category	Component	Tare WT	Gross WT	1 Gross WT	2 Gross WT	Total Net WT	WT %
Paper	Newsprint					0	
	High Grade Paper		2.3			0	
	Corrugated Cardboard					0	
	Magazines					0	
	Other Paper		4.0			0	
Plastics	HDPE w/ neck		Less			0	
	PET w/ neck		Less			0	
	Plastic Film		2.4			0	
	Polypropylene		Less			0	
	Other Plastics		2.9			0	
Organics	Food Waste		5.6			0	
	Yard Waste		11.4			0	
	Wood Waste		2.1			0	
	Textiles					0	
	Other Organics					0	
Inorganics	Small Electric Appliances					0	
	Alkaline Batteries		0.1			0	
	Other Batteries					0	
	Other Inorganics					0	
Metals	Aluminum Cans					0	
	Other Aluminum		2.4			0	
	Ferrous Food Cans					0	
	Other Ferrous					0	
	Other Nonferrous					0	
Glass	Food and Beverage Glass		2.4			0	
	Other Glass					0	
Other	Medical Waste					0	
	Household Hazardous Waste					0	
	Special/Problem Waste					0	
TOTALS:				0	0	0	0

Total Fines (lb) 5.4

NOTES: _____
