# SOLID WASTE COMPOSITION STUDY

## RESULTS


## SOLID WASTE RESOURCE RECOVERY FACILITY

**MAY 1, 2014**


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May 1, 2014

Mr. Jon Steiner
Polk County Solid Waste Resource Recovery Facility
708 8th Street NW
Fosston, MN 56542

**Re: 2014 Solid Waste Composition Study Results**

Dear Mr. Steiner:

This report summarizes the results from the Solid Waste Composition Study (Study) performed by your facility during the week of March 31 to April 4, 2014.

For each of the 40 samples collected, results were tabulated and averaged to determine the overall percentages of the fractions separated from the waste streams. The field data sheets from the Study are included in Appendix D. Tabulated results are included in Appendix A. Results are summarized as follows for the combustible and non-combustible waste fraction groupings in Table 1:

## Table 1: Weight Fractions of each Fraction Grouping Present in MSW

**Total Combustibles**

| Item | Lbs | wt% |
|---|---|---|
| Paper | 2,192.5 | 24.90% |
| Cardboard | 1,006.7 | 11.43% |
| Plastic | 1,528.5 | 17.36% |
| Organics | 1,975.1 | 22.43% |
| Textiles | 378.7 | 4.30% |
| Electronics | 77.0 | 0.87% |
| **Total** | **7,158.4** | **81.31%** |

**Total Non-Combustibles**

| Item | Lbs | wt% |
|---|---|---|
| **Various** | **1,645.5** | **18.69%** |

| | | |
|---|---|---|
| **Total** | **8,803.9** | **100.00%** |

Results for each of the individual fractions are presented below in Table 2:

**Table 2: Weight Fractions of Each Individual Fraction Present in MSW**

| Fraction | Samples | Top Fines | Bottom Fines | Non-Separables | Total (Lbs) | Wt% |
|---|---|---|---|---|---|---|
| Paper – Newsprint (ONP) | 254.8 | | | | 254.8 | 2.9% |
| Paper – Other | 1,901.2 | 33.8 | 2.7 | 0.0 | 1,937.7 | 22.0% |
| Cardboard – Corrugated (OCC) | 801.2 | | | | 801.2 | 9.1% |
| Cardboard – Gable Top & Aseptic | 39.9 | | | | 39.9 | 0.5% |
| Cardboard – Other | 165.6 | 0.0 | 0.0 | 0.0 | 165.6 | 1.9% |
| Plastic – HDPE | 138.9 | | | | 138.9 | 1.6% |
| Plastic – PET | 189.8 | | | | 189.8 | 2.2% |
| Plastic – PVC | 13.1 | | | | 13.1 | 0.1% |
| Plastic – Bags & Stretch Film | 614.6 | | | | 614.6 | 7.0% |
| Plastic – Other | 540.0 | 21.7 | 5.4 | 5.0 | 572.1 | 6.5% |
| Organics – Yard Waste | 169.1 | | | | 169.1 | 1.9% |
| Organics – Food Waste | 1,328.8 | | | | 1,328.8 | 15.1% |
| Organics – Other | 150.5 | 103.9 | 221.4 | 1.4 | 477.2 | 5.4% |
| Textiles | 378.7 | | | | 378.7 | 4.3% |
| Electronics / Small Appliances | 77.0 | | | | 77.0 | 0.9% |
| Metal – Ferrous | 243.0 | 0.9 | 0.3 | 19.1 | 263.3 | 3.0% |
| Metal – Aluminum Beverage Cans | 97.7 | | | | 97.7 | 1.1% |
| Metal – Other Non-Ferrous | 56.6 | 0.0 | 0.0 | 0.1 | 56.7 | 0.6% |
| Glass | 311.4 | 18.8 | 24.0 | 0.0 | 354.2 | 4.0% |
| Inorganic Materials | 668.9 | 0.1 | 141.3 | 6.5 | 816.7 | 9.3% |
| Household Hazardous Waste | 49.4 | | | | 49.4 | 0.6% |
| HHW – Mercury Containing Devices | 7.4 | 0.0 | 0.0 | 0.0 | 7.4 | 0.1% |
| **Total** | **8,197.6** | **179.2** | **395.0** | **32.1** | **8,803.9** | **100.0%** |

Samples were submitted to MVTL Laboratories for analysis to determine proximate analysis, heating value, and ultimate analysis of the combustible fractions. MVTL homogenized and split samples pursuant to the Solid Waste Composition Study procedures. Four individual samples were analyzed. Analytical results are included in Appendix B.

A Summary of the proximate analysis, ultimate analysis, and heating value analytical results are presented below in Tables 3, 4, and 5, respectively. Calculations are included in Appendix C.

### Table 3: Proximate Analysis (Combustible Fractions Only)

| Analyte | Units | Sample 1 | Sample 2 | Sample 3 | Sample 4 | Average |
|---|---|---|---|---|---|---|
| Total Moisture | wt% | 26.18% | 26.28% | 26.38% | 26.35% | **26.30%** |
| Ash | wt% | 4.23% | 5.74% | 5.05% | 5.93% | **5.24%** |
| Volatile Matter | wt% | 62.69% | 60.33% | 60.03% | 59.92% | **60.74%** |
| Total Sulfur | wt% | 0.04% | 0.06% | 0.05% | 0.05% | **0.05%** |
| Fixed Carbon (By Difference) | wt% | 6.86% | 7.59% | 8.49% | 7.75% | **7.67%** |
| **Total** | | **100.00%** | **100.00%** | **100.00%** | **100.00%** | **100.00%** |

### Table 4: Ultimate Analysis (Combustible Fractions Only)

| Analyte | Units | Sample 1 | Sample 2 | Sample 3 | Sample 4 | Average |
|---|---|---|---|---|---|---|
| Total Moisture | wt% | 26.18% | 26.28% | 26.38% | 26.35% | **26.30%** |
| Ash | wt% | 4.23% | 5.74% | 5.05% | 5.93% | **5.24%** |
| Carbon | wt% | 42.82% | 40.64% | 39.06% | 39.55% | **40.52%** |
| Hydrogen | wt% | 8.57% | 8.14% | 7.97% | 7.99% | **8.17%** |
| Nitrogen | wt% | 0.55% | 0.69% | 1.24% | 0.79% | **0.82%** |
| Total Sulfur | wt% | 0.04% | 0.06% | 0.05% | 0.05% | **0.05%** |
| Chlorine | wt% | 0.18% | 0.22% | 0.15% | 0.15% | **0.18%** |
| Oxygen (By Difference) | wt% | 43.61% | 44.51% | 46.48% | 45.54% | **45.03%** |
| **Total** | | **100.00%** | **100.00%** | **100.00%** | **100.00%** | **100.00%** |

### Table 5: Heating Value (Combustible Fractions Only)

| Analyte | Units | Sample 1 | Sample 2 | Sample 3 | Sample 4 | Average |
|---|---|---|---|---|---|---|
| Heating Value | Btu/lb. | **6,120** | **7,488** | **6,221** | **6,413** | **6,561** |

The above results were numerically adjusted to take into account the non-combustible fraction of waste to represent the proximate analysis, ultimate analysis, and heating value of MSW as incinerated. These results are presented below in Tables 6, 7, and 8, respectively:

### Table 6: Proximate Analysis (As Incinerated)

| Analyte | Result as Incinerated |
|---|---|
| Total Moisture | **21.38%** |
| Ash | **4.26%** |
| Volatile Matter | **49.39%** |
| Total Sulfur | **0.04%** |
| Fixed Carbon (By Difference) | **6.24%** |
| Non-Combustibles | **18.69%** |
| **Total** | **100.00%** |

### Table 7: Ultimate Analysis (As Incinerated)

| Analyte | Result as Incinerated |
|---|---|
| Total Moisture | **21.38%** |
| Ash | **3.14%** |
| Carbon | **24.28%** |
| Hydrogen | **4.89%** |
| Nitrogen | **0.49%** |
| Total Sulfur | **0.03%** |
| Chlorine | **0.11%** |
| Oxygen (By Difference) | **26.99%** |
| Non-Combustibles | **18.69%** |
| **Total** | **100.00%** |

### Table 8: Heating Value (As Incinerated)

| Analyte | Units | |
|---|---|---|
| Heating Value | Btu/lb. | **5,334** |

If you have any questions or comments regarding this report, or if you require any additional information, please feel free to contact us at (612) 285-9865.

Sincerely,
Stericycle, Inc.

David W. Estensen
Compliance & Regulatory Affairs Manager

cc: Lisa Mojsiej, MPCA

# Appendix A

## Field Data Sheet Numerical Analysis

# Polk County Solid Waste Resource Recovery Facility

2014 Solid Waste Composition Study Field Sheet Data Analysis

| Sample | Units | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fraction** | | | | | | | | | | | | | | | | | | | | | |
| Paper – Newsprint (ONP) | Lbs | 5.0 | 22.0 | 12.0 | 2.8 | 6.0 | 24.6 | 2.9 | 6.1 | 0.9 | 3.4 | 4.7 | 7.5 | 6.0 | 4.4 | 5.3 | 1.3 | 8.0 | 4.2 | 7.9 | 10.6 |
| Paper – Other | Lbs | 59.4 | 45.4 | 30.4 | 61.0 | 37.8 | 47.5 | 38.9 | 60.2 | 62.8 | 57.7 | 59.7 | 57.0 | 76.7 | 50.2 | 39.8 | 38.0 | 50.4 | 48.0 | 34.8 | 51.8 |
| Cardboard – Corrugated (OCC) | Lbs | 39.3 | 22.9 | 18.7 | 20.5 | 21.1 | 30.9 | 20.3 | 15.1 | 18.2 | 13.6 | 10.3 | 30.6 | 27.4=-16 | 22.5 | 35.9 | 10.7 | 12.8 | 8.1 | 7.2 | 14.3 |
| Cardboard – Gable Top & Aseptic | Lbs | 0.1 | 0.7 | 0.5 | 0.6 | 0.8 | 0.6 | | 1.3 | 0.9 | 2.2 | 0.6 | 2.3 | 0.7 | 0.1 | 0.2 | 4.5 | 1.3 | 2.3 | 0.1 | 2.2 |
| Cardboard – Other | Lbs | 2.8 | 5.6 | 3.4 | 2.1 | 4.6 | 0.6 | 5.2 | 3.5 | 4.8 | 7.6 | 3.2 | 3.2 | 3.6 | 8.1 | 0.8 | 13.8 | 3.3 | 1.6 | 2.1 | 0.9 |
| Plastic – HDPE Bottles/Jars | Lbs | 2.6 | 3.1 | 2.1 | 3.2 | 2.5 | 1.9 | 6.6 | 4.5 | 0.7 | 1.4 | 2.8 | 8.5 | 5.1 | 2.2 | 5.7 | 2.9 | 4.4 | 4.7 | 3.4 | 3.9 |
| Plastic – PET Bottles/Jars | Lbs | 2.9 | 3.9 | 4.4 | 6.9 | 3.2 | 3.7 | 7.1 | 7.5 | 2.7 | 4.6 | 4.1 | 3.4 | 2.0 | 5.1 | 4.5 | 4.2 | 3.0 | 5.2 | 4.5 | 3.5 |
| Plastic – PVC | Lbs | | 0.1 | | 0.1 | | | | | | 0.5 | 1.3 | | | | | | | | 10.5 | 0.4 |
| Plastic – Bags & Stretch Film | Lbs | 8.8 | 12.8 | 11.5 | 15.7 | 13.1 | 11.0 | 12.4 | 17.0 | 19.0 | 22.3 | 16.5 | 14.6 | 17.3 | 14.1 | 19.6 | 14.7 | 17.3 | 14.2 | 7.7 | 19.0 |
| Plastic – Other | Lbs | 10.3 | 21.8 | 14.3 | 9.9 | 12.3 | 10.6 | 12.8 | 17.9 | 26.0 | 11.0 | 11.5 | 8.5 | 13.2 | 14.7 | 6.2 | 10.7 | 12.0 | 11.4 | 9.5 | 17.1 |
| Organics – Yard Waste | Lbs | 2.4 | 3.5 | 1.5 | 1.5 | 0.3 | 9.8 | 1.2 | 0.7 | 4.8 | | 1.0 | 1.8 | 7.5 | 2.0 | 0.5 | 3.7 | 4.5 | 5.0 | 55.6 | 5.9 |
| Organics – Food Waste | Lbs | 10.1 | 30.8 | 26.2 | 23.4 | 46.7 | 27.4 | 36.3 | 25.9 | 26.3 | 56.0 | 32.6 | 23.8 | 21.9 | 42.0 | 30.5 | 32.6 | 45.6 | 50.7 | 30.2 | 25.3 |
| Organics – Other | Lbs | 2.6 | 1.9 | 16.3 | 6.1 | 1.6 | 2.4 | 3.6 | 0.5 | 1.2 | 1.9 | 2.9 | 2.3 | 0.8 | 2.9 | 1.9 | 1.3 | 6.5 | 4.4 | 0.3 | 2.6 |
| Textiles | Lbs | 4.1 | 14.7 | 18.4 | 5.1 | 5.9 | 4.3 | 12.2 | 4.6 | 0.9 | 3.0 | 2.7 | 4.3 | 9.6 | 4.0 | 2.3 | 9.2 | 7.4 | 6.7 | 15.3 | 2.9 |
| Electronics / Small Appliances | Lbs | 4.2 | 0.7 | | 0.4 | 3.7 | 2.6 | 0.7 | 0.2 | | | 0.1 | 0.6 | | 1.5 | 0.9 | 0.7 | 0.1 | | | 1.0 |
| Metal – Ferrous | Lbs | 6.0 | 9.3 | 7.0 | 6.4 | 8.3 | 3.3 | 3.8 | 4.1 | 3.5 | 3.1 | 4.0 | 9.4 | 2.7 | 5.8 | 6.1 | 5.5 | 5.0 | 1.8 | 3.9 | 13.9 |
| Metal – Aluminum Beverage Cans | Lbs | 1.4 | 2.2 | 2.3 | 7.6 | 3.1 | 3.6 | 2.2 | 2.1 | 1.3 | 1.5 | 3.3 | 2.8 | 2.6 | 2.7 | 2.3 | 2.1 | 2.2 | 1.6 | 1.7 | 2.6 |
| Metal – Other Non-Ferrous | Lbs | 0.8 | 0.4 | 1.0 | 1.3 | 1.7 | | 0.6 | 0.8 | 1.7 | 0.5 | 1.3 | 0.8 | 0.4 | 0.8 | 0.7 | 0.6 | 1.8 | 2.0 | 0.1 | 2.1 |
| Glass | Lbs | 6.3 | 5.7 | 15.5 | 5.7 | 5.8 | 5.6 | 12.6 | 4.0 | 1.8 | 5.7 | 7.7 | 14.1 | 7.3 | 0.6 | 47.2 | 5.9 | 4.0 | 2.7 | 6.1 | 4.8 |
| Inorganic Materials | Lbs | 10.2 | 31.3 | 17.1 | 4.7 | 9.4 | 2.7 | 15.8 | 13.6 | 4.4 | 1.5 | 21.9 | 3.2 | 8.5 | 13.9 | 15.9 | 23.7 | 5.6 | 18.4 | 17.2 | 32.4 |
| Household Hazardous Waste | Lbs | 6.5 | | | | 7.2 | | 1.7 | 0.5 | | | | 0.1 | | | | | | | 0.3 | 0.5 |
| HHW – Mercury Containing Devices | Lbs | 1.8 | 0.1 | 0.2 | 0.2 | 0.3 | | 0.1 | 0.1 | 0.1 | 0.3 | 0.1 | 0.4 | | | | 0.3 | 0.1 | | | 0.2 |

| Sample | Units | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Top Fines** | **Lbs** | 4.8 | 3.6 | 5.7 | 7.7 | 7.0 | 1.8 | 4.8 | 3.9 | 9.3 | 5.7 | 5.6 | 3.8 | 3.1 | 7.2 | 1.9 | 13.6 | 5.1 | 5.2 | 0.5 | 4.1 |
| Paper | Lbs | - | - | 0.6 | 0.4 | 0.2 | 0.7 | 2.4 | 1.2 | 0.5 | 0.3 | 1.4 | 1.0 | 0.1 | 1.4 | 1.0 | 4.1 | 0.3 | 0.3 | 0.0 | 0.4 |
| Cardboard | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Plastic | Lbs | - | 0.2 | - | 0.4 | 0.1 | 0.7 | 1.9 | 0.8 | 0.5 | - | 0.3 | 0.2 | 0.1 | 1.1 | 0.8 | 4.1 | 0.1 | - | 0.0 | 0.2 |
| Organics | Lbs | 2.4 | 1.8 | 1.7 | 3.1 | 4.2 | 0.2 | 0.5 | 2.0 | 8.4 | 5.4 | 3.9 | 2.7 | 2.9 | 4.7 | 0.2 | 4.8 | 4.7 | 4.9 | 0.5 | 3.5 |
| Metal – Ferrous | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.7 | - | - | - | - |
| Metal – Other Non-Ferrous | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Glass | Lbs | 2.4 | 1.6 | 3.4 | 3.9 | 2.5 | 0.2 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Inorganic Material | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| HHW – Mercury Containing Devices | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Paper | % | | | 10% | 5% | 3% | 40% | 50% | 30% | 5% | 5% | 25% | 25% | 3% | 20% | 50% | 30% | 5% | 5% | 5% | 10% |
| Cardboard | % | | | | | | | | | | | | | | | | | | | | |
| Plastic | % | | 5% | | 5% | 2% | 40% | 40% | 20% | 5% | | 5% | 5% | 2% | 15% | 40% | 30% | 2% | | 5% | 5% |
| Organics | % | 50% | 50% | 30% | 40% | 60% | 10% | 10% | 50% | 90% | 95% | 70% | 70% | 95% | 65% | 10% | 35% | 93% | 95% | 90% | 85% |
| Metal – Ferrous | % | | | | | | | | | | | | | | | | 5% | | | | |
| Metal – Other Non-Ferrous | % | | | | | | | | | | | | | | | | | | | | |
| Glass | % | 50% | 45% | 60% | 50% | 35% | 10% | | | | | | | | | | | | | | |
| Inorganic Material | % | | | | | | | | | | | | | | | | | | | | |
| HHW – Mercury Containing Devices | % | | | | | | | | | | | | | | | | | | | | |
| **Total** | **%** | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

# Polk County Solid Waste Resource Recovery Facility

2014 Solid Waste Composition Study Field Sheet Data Analysis

| Sample | Units | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Bottom Fines** | **Lbs** | 14.5 | 6.8 | 8.8 | 19.0 | 10.3 | 13.6 | 11.2 | 9.9 | 21.8 | 11.2 | 10.8 | 6.8 | 6.7 | 9.5 | 5.9 | 12.0 | 13.5 | 10.9 | 4.7 | 9.8 |
| Paper | Lbs | - | - | - | 1.9 | - | - | - | - | - | - | - | 0.1 | - | - | - | - | 0.7 | - | - | - |
| Cardboard | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Plastic | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Organics | Lbs | 5.8 | - | 5.3 | - | 9.8 | - | 11.0 | 9.9 | 17.4 | 11.2 | 10.3 | 6.5 | 6.4 | 4.8 | 5.9 | 11.6 | 12.8 | 10.9 | 4.5 | 9.8 |
| Metal – Ferrous | Lbs | - | - | - | - | - | - | - | - | - | - | - | 0.2 | - | - | - | 0.1 | - | - | - | - |
| Metal – Other Non-Ferrous | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Glass | Lbs | 7.3 | 4.1 | 3.1 | 5.7 | - | - | 0.2 | - | - | - | - | - | - | - | - | 0.2 | - | - | 0.2 | - |
| Inorganic Material | Lbs | 1.5 | 2.7 | 0.4 | 11.4 | 0.5 | 13.6 | - | - | 4.4 | - | 0.5 | - | 0.3 | 4.8 | - | - | - | - | - | - |
| HHW – Mercury Containing Devices | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Paper | % | | | | 10% | | | | | | | | 2% | | | | | 5% | | | |
| Cardboard | % | | | | | | | | | | | | | | | | | | | | |
| Plastic | % | | | | | | | | | | | | | | | | | | | | |
| Organics | % | 40% | | 60% | | 95% | | 98% | 100% | 80% | 100% | 95% | 95% | 95% | 50% | 100% | 97% | 95% | 100% | 95% | 100% |
| Metal – Ferrous | % | | | | | | | | | | | | 3% | | | | 1% | | | | |
| Metal – Other Non-Ferrous | % | | | | | | | | | | | | | | | | | | | | |
| Glass | % | 50% | 60% | 35% | 30% | | | 2% | | | | | | | | | 2% | | | 5% | |
| Inorganic Material | % | 10% | 40% | 5% | 60% | 5% | 100% | | | 20% | | 5% | | 5% | 50% | | | | | | |
| HHW – Mercury Containing Devices | % | | | | | | | | | | | | | | | | | | | | |
| **Total** | **%** | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

| Sample | Units | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Non-Separable #1** | **Lbs** | | | 1.1 | | | | | | 24.1 | | | | | | | | | | | |
| Paper | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cardboard | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Plastic | Lbs | - | - | - | - | - | - | - | - | 5.0 | - | - | - | - | - | - | - | - | - | - | - |
| Organics | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Metal – Ferrous | Lbs | - | - | - | - | - | - | - | - | 19.1 | - | - | - | - | - | - | - | - | - | - | - |
| Metal – Other Non-Ferrous | Lbs | - | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Glass | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Inorganic Material | Lbs | - | - | 1.0 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| HHW – Mercury Containing Devices | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Paper | % | | | | | | | | | | | | | | | | | | | | |
| Cardboard | % | | | | | | | | | | | | | | | | | | | | |
| Plastic | % | | | | | | | | | | | | | | | | | | | | |
| Organics | % | | | | | | | | | | | | | | | | | | | | |
| Metal – Ferrous | % | | | | | | | | | | | | | | | | | | | | |
| Metal – Other Non-Ferrous | % | | | | | | | | | | | | | | | | | | | | |
| Glass | % | | | | | | | | | | | | | | | | | | | | |
| Inorganic Material | % | | | | | | | | | | | | | | | | | | | | |
| HHW – Mercury Containing Devices | % | | | | | | | | | | | | | | | | | | | | |
| **Total** | **%** | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

# Polk County Solid Waste Resource Recovery Facility

2014 Solid Waste Composition Study Field Sheet Data Analysis

| Sample | Units | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Fraction** | | | | | | | | | | | | | | | | | | | | | |
| Paper – Newsprint (ONP) | Lbs | 4.8 | 2.4 | 3.5 | 6.5 | 4.5 | 1.0 | 4.8 | 5.3 | 1.5 | 17.9 | 2.8 | 2.4 | 7.0 | 5.5 | 0.9 | 2.4 | 5.9 | 7.7 | 6.6 | 15.8 |
| Paper – Other | Lbs | 42.2 | 66.1 | 43.0 | 36.2 | 59.6 | 42.1 | 46.9 | 36.2 | 39.3 | 24.2 | 35.6 | 28.8 | 94.5 | 46.7 | 66.1 | 26.7 | 35.2 | 35.2 | 42.1 | 47.0 |
| Cardboard – Corrugated (OCC) | Lbs | 39.1 | 22.1 | 17.2 | 42.3 | 11.0 | 24.3 | 38.3 | 12.9 | 20.2 | 32.1 | 11.2 | 17.3 | 19.8 | 16.9 | 11.3 | 27.4 | 14.8 | 14.3 | 13.8 | 21.9 |
| Cardboard – Gable Top & Aseptic | Lbs | 0.4 | 0.7 | 0.7 | 3.8 | 1.2 | 2.4 | 0.7 | 0.9 | 0.3 | 0.5 | 0.5 | 0.4 | 0.6 | 1.2 | 0.5 | 1.1 | 0.7 | 0.5 | 0.6 | 0.2 |
| Cardboard – Other | Lbs | 1.6 | 2.3 | 13.5 | 1.1 | (0.3) | 2.9 | 4.8 | 5.8 | 1.9 | 5.2 | 1.4 | 6.5 | 4.1 | 6.2 | 4.4 | 7.5 | 4.2 | 1.5 | 2.2 | 8.0 |
| Plastic – HDPE Bottles/Jars | Lbs | 3.6 | 4.5 | 2.5 | 4.8 | 8.3 | 2.7 | 2.1 | 2.8 | 2.3 | 3.0 | 4.5 | 1.4 | 3.6 | 3.2 | 1.7 | 4.6 | 1.9 | 2.9 | 2.8 | 3.5 |
| Plastic – PET Bottles/Jars | Lbs | 10.2 | 5.1 | 5.7 | 4.7 | 3.1 | 7.9 | 3.9 | 3.4 | 4.9 | 2.2 | 3.7 | 5.3 | 3.7 | 5.3 | 5.7 | 4.0 | 4.7 | 9.9 | 4.2 | 5.8 |
| Plastic – PVC | Lbs | | | | | | | | 0.1 | | | | | | | | | 0.1 | | | |
| Plastic – Bags & Stretch Film | Lbs | 13.5 | 22.1 | 12.0 | 12.1 | 19.5 | 22.0 | 23.6 | 8.0 | 19.5 | 13.0 | 24.7 | 10.1 | 10.4 | 16.4 | 12.2 | 15.2 | 17.5 | 10.6 | 17.0 | 16.6 |
| Plastic – Other | Lbs | 10.5 | 22.7 | 19.5 | 9.9 | 10.8 | 25.3 | 10.1 | 6.6 | 10.4 | 5.3 | 16.3 | 16.4 | 15.6 | 17.0 | 17.5 | 11.1 | 14.7 | 12.2 | 12.7 | 13.7 |
| Organics – Yard Waste | Lbs | 3.4 | 3.1 | 4.9 | 1.2 | 3.4 | 0.2 | 0.1 | 8.7 | 6.0 | 0.2 | 2.7 | 3.4 | 0.8 | 0.9 | 1.6 | 2.6 | 3.5 | 0.3 | 3.7 | 5.2 |
| Organics – Food Waste | Lbs | 35.2 | 18.0 | 16.6 | 56.6 | 32.5 | 21.2 | 41.5 | 29.0 | 27.2 | 52.4 | 28.2 | 35.0 | 29.7 | 32.4 | 50.6 | 24.5 | 40.0 | 54.7 | 26.0 | 33.2 |
| Organics – Other | Lbs | 2.2 | 2.2 | 3.5 | 6.7 | 9.7 | 3.7 | 3.9 | 3.7 | 3.8 | 1.0 | 1.9 | 2.5 | 2.8 | 0.7 | 3.6 | 12.7 | 3.7 | 2.0 | 5.0 | 11.2 |
| Textiles | Lbs | 9.1 | 6.0 | 10.1 | 7.6 | 8.1 | 12.5 | 2.3 | 14.9 | 3.7 | 19.8 | 9.5 | 23.8 | 5.7 | 14.8 | 3.8 | 18.8 | 26.5 | 18.3 | 23.1 | 2.7 |
| Electronics / Small Appliances | Lbs | 0.1 | 0.5 | 0.5 | 7.4 | | 0.7 | | 7.6 | 0.7 | 5.9 | 0.4 | 1.2 | 0.7 | 9.1 | 1.2 | 7.9 | 0.2 | 0.3 | 14.7 | 0.5 |
| Metal – Ferrous | Lbs | 10.5 | 6.8 | 3.7 | 5.8 | 4.2 | 4.3 | 5.0 | 3.7 | 15.2 | 6.9 | 20.0 | 13.3 | 1.9 | 2.5 | 4.5 | 2.8 | 3.5 | 2.7 | 5.7 | 7.1 |
| Metal – Aluminum Beverage Cans | Lbs | 2.0 | 2.6 | 2.7 | 3.1 | 1.8 | 3.8 | 2.6 | 1.8 | 1.8 | 1.4 | 2.8 | 2.8 | 2.7 | 3.6 | 1.6 | 3.3 | 1.6 | 1.7 | 1.5 | 1.3 |
| Metal – Other Non-Ferrous | Lbs | 1.2 | 1.2 | 1.3 | 0.7 | 0.1 | 0.8 | 2.5 | 2.3 | 17.1 | 2.3 | 2.0 | 0.4 | 0.4 | 0.8 | 1.5 | 0.6 | 0.4 | 0.8 | 0.2 | 0.6 |
| Glass | Lbs | 5.8 | 5.6 | 12.3 | 6.4 | 2.7 | 1.5 | 4.6 | 5.4 | 6.0 | 15.4 | 11.5 | 8.6 | 2.6 | 6.5 | 5.6 | 4.1 | 8.5 | 9.4 | 8.4 | 11.4 |
| Inorganic Materials | Lbs | 8.6 | 19.2 | 19.4 | 11.0 | 22.4 | 17.6 | 15.2 | 63.3 | 17.9 | 7.9 | 25.6 | 15.8 | 1.2 | 19.3 | 19.1 | 29.6 | 35.8 | 13.8 | 13.1 | 21.7 |
| Household Hazardous Waste | Lbs | | 1.2 | 0.8 | | | | | | | 0.6 | | 24.1 | 0.5 | | 0.2 | | 0.9 | 0.9 | 3.4 | |
| HHW – Mercury Containing Devices | Lbs | 0.1 | | 0.2 | | | | 0.1 | | | 0.1 | 0.9 | | | 0.2 | | 0.1 | 0.1 | 0.2 | 0.9 | 0.2 |

| Sample | Units | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Top Fines** | **Lbs** | 4.4 | 4.4 | 6.7 | 2.5 | 2.2 | 4.9 | 1.0 | 3.4 | 3.4 | 2.1 | 5.2 | 3.1 | 2.7 | 4.2 | 2.2 | 3.5 | 4.5 | 3.7 | 4.6 | 6.1 |
| Paper | Lbs | 0.4 | 2.2 | 2.0 | 0.8 | 0.9 | 1.0 | 0.4 | 1.4 | 0.2 | 0.2 | 1.6 | 0.8 | 0.8 | 0.4 | 0.4 | 0.9 | 0.5 | 0.7 | 0.5 | 1.8 |
| Cardboard | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Plastic | Lbs | 0.4 | 1.3 | 1.3 | 0.3 | 0.9 | 1.0 | 0.2 | 0.3 | 0.1 | 0.1 | 0.5 | 0.2 | 0.5 | 0.2 | 0.2 | 0.4 | 0.5 | 0.6 | 0.2 | 1.2 |
| Organics | Lbs | 2.2 | - | 3.4 | 1.5 | 0.4 | 2.9 | 0.5 | 1.7 | 3.1 | 1.4 | 1.0 | 2.2 | 1.4 | 3.6 | 1.5 | 2.2 | 3.4 | 2.4 | 3.9 | 2.9 |
| Metal – Ferrous | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.1 | - | - | - | 0.1 |
| Metal – Other Non-Ferrous | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Glass | Lbs | 1.3 | 0.9 | - | - | - | - | - | - | - | 0.4 | 2.1 | - | - | - | - | - | 0.2 | - | - | - |
| Inorganic Material | Lbs | - | - | - | - | - | - | - | - | 0.1 | - | - | - | - | - | - | - | - | - | - | - |
| HHW – Mercury Containing Devices | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Paper | % | 10% | 50% | 30% | 30% | 40% | 20% | 35% | 40% | 5% | 10% | 30% | 25% | 30% | 10% | 20% | 25% | 10% | 20% | 10% | 30% |
| Cardboard | % | | | | | | | | | | | | | | | | | | | | |
| Plastic | % | 10% | 30% | 20% | 10% | 40% | 20% | 15% | 10% | 3% | 5% | 10% | 5% | 20% | 5% | 10% | 10% | 10% | 15% | 5% | 20% |
| Organics | % | 50% | | 50% | 60% | 20% | 60% | 50% | 50% | 90% | 65% | 20% | 70% | 50% | 85% | 70% | 63% | 75% | 65% | 85% | 48% |
| Metal – Ferrous | % | | | | | | | | | | | | | | | | 2% | | | | 2% |
| Metal – Other Non-Ferrous | % | | | | | | | | | | | | | | | | | | | | |
| Glass | % | 30% | 20% | | | | | | | | 20% | 40% | | | | | | 5% | | | |
| Inorganic Material | % | | | | | | | | | 2% | | | | | | | | | | | |
| HHW – Mercury Containing Devices | % | | | | | | | | | | | | | | | | | | | | |
| **Total** | **%** | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

# Polk County Solid Waste Resource Recovery Facility

2014 Solid Waste Composition Study Field Sheet Data Analysis

| Sample | Units | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Bottom Fines** | **Lbs** | 6.7 | 9.1 | 13.9 | 6.5 | 13.9 | 7.8 | 5.7 | 6.8 | 10.4 | 11.9 | 11.4 | 7.6 | 7.4 | 8.9 | 6.6 | 9.0 | 9.8 | 6.9 | 7.8 | 9.2 |
| Paper | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cardboard | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Plastic | Lbs | 5.4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Organics | Lbs | - | - | - | 1.3 | - | 3.9 | 5.7 | 6.8 | 8.3 | 1.2 | 10.3 | 0.8 | - | 7.1 | 6.6 | 0.9 | 0.5 | 3.5 | 6.2 | 4.6 |
| Metal – Ferrous | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Metal – Other Non-Ferrous | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Glass | Lbs | 1.3 | 1.8 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Inorganic Material | Lbs | - | 7.3 | 13.9 | 5.2 | 13.9 | 3.9 | - | - | 2.1 | 10.7 | 1.1 | 6.8 | 7.4 | 1.8 | - | 8.1 | 9.3 | 3.5 | 1.6 | 4.6 |
| HHW – Mercury Containing Devices | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Paper | % | | | | | | | | | | | | | | | | | | | | |
| Cardboard | % | | | | | | | | | | | | | | | | | | | | |
| Plastic | % | 80% | | | | | | | | | | | | | | | | | | | |
| Organics | % | | | | 20% | | 50% | 100% | 100% | 80% | 10% | 90% | 10% | | 80% | 100% | 10% | 5% | 50% | 80% | 50% |
| Metal – Ferrous | % | | | | | | | | | | | | | | | | | | | | |
| Metal – Other Non-Ferrous | % | | | | | | | | | | | | | | | | | | | | |
| Glass | % | 20% | 20% | | | | | | | | | | | | | | | | | | |
| Inorganic Material | % | | 80% | 100% | 80% | 100% | 50% | | | 20% | 90% | 10% | 90% | 100% | 20% | | 90% | 95% | 50% | 20% | 50% |
| HHW – Mercury Containing Devices | % | | | | | | | | | | | | | | | | | | | | |
| **Total** | **%** | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |

| Sample | Units | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Non-Separable #1** | **Lbs** | | | | | | | | | 6.9 | | | | | | | | | | | |
| Paper | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Cardboard | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Plastic | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Organics | Lbs | - | - | - | - | - | - | - | - | 1.4 | - | - | - | - | - | - | - | - | - | - | - |
| Metal – Ferrous | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Metal – Other Non-Ferrous | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Glass | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Inorganic Material | Lbs | - | - | - | - | - | - | - | - | 5.5 | - | - | - | - | - | - | - | - | - | - | - |
| HHW – Mercury Containing Devices | Lbs | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Paper | % | | | | | | | | | | | | | | | | | | | | |
| Cardboard | % | | | | | | | | | | | | | | | | | | | | |
| Plastic | % | | | | | | | | | | | | | | | | | | | | |
| Organics | % | | | | | | | | | 20% | | | | | | | | | | | |
| Metal – Ferrous | % | | | | | | | | | | | | | | | | | | | | |
| Metal – Other Non-Ferrous | % | | | | | | | | | | | | | | | | | | | | |
| Glass | % | | | | | | | | | | | | | | | | | | | | |
| Inorganic Material | % | | | | | | | | | 80% | | | | | | | | | | | |
| HHW – Mercury Containing Devices | % | | | | | | | | | | | | | | | | | | | | |
| **Total** | **%** | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 100% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% | 0% |

# Polk County Solid Waste Resource Recovery Facility

2014 Solid Waste Composition Study Field Sheet Data Analysis

| Sample | Units | Item Subtotal | Wt % of Total | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Fraction** | | | | | | | Wt % Primary Fraction | |
| Paper – Newsprint (ONP) | Lbs | **254.8** | **2.9%** | Combustibles | | | 11.8% | |
| Paper – Other | Lbs | **1,901.2** | **21.6%** | | Paper | 2,156.0 | 88.2% | 100% |
| Cardboard – Corrugated (OCC) | Lbs | **801.2** | **9.1%** | | | | 79.6% | |
| Cardboard – Gable Top & Aseptic | Lbs | **39.9** | **0.5%** | | | | 4.0% | |
| Cardboard – Other | Lbs | **165.6** | **1.9%** | | Cardboard | 1,006.7 | 16.4% | 100% |
| Plastic – HDPE Bottles/Jars | Lbs | **138.9** | **1.6%** | | | | 9.3% | |
| Plastic – PET Bottles/Jars | Lbs | **189.8** | **2.2%** | | | | 12.7% | |
| Plastic – PVC | Lbs | **13.1** | **0.1%** | | | | 0.9% | |
| Plastic – Bags & Stretch Film | Lbs | **614.6** | **7.0%** | | | | 41.1% | |
| Plastic – Other | Lbs | **540.0** | **6.1%** | | Plastic | 1,496.4 | 36.1% | 100% |
| Organics – Yard Waste | Lbs | **169.1** | **1.9%** | | | | 10.3% | |
| Organics – Food Waste | Lbs | **1,328.8** | **15.1%** | | | | 80.6% | |
| Organics – Other | Lbs | **150.5** | **1.7%** | | Organics | 1,648.4 | 9.1% | 100% |
| Textiles | Lbs | **378.7** | **4.3%** | | Textiles | 378.7 | 100.0% | 100% |
| Electronics / Small Appliances | Lbs | **77.0** | **0.9%** | | Electronics | 77.0 | 100.0% | 100% |
| Metal – Ferrous | Lbs | **243.0** | **2.8%** | Non-Combustibles | | | | |
| Metal – Aluminum Beverage Cans | Lbs | **97.7** | **1.1%** | | | | | |
| Metal – Other Non-Ferrous | Lbs | **56.6** | **0.6%** | | | | | |
| Glass | Lbs | **311.4** | **3.5%** | | | | | |
| Inorganic Materials | Lbs | **668.9** | **7.6%** | | | | | |
| Household Hazardous Waste | Lbs | **49.4** | **0.6%** | | | | | |
| HHW – Mercury Containing Devices | Lbs | **7.4** | **0.1%** | | Various | 1,434.4 | | |
| | | | **0.0%** | | | | | |

| Sample | Units | Item Subtotal | Wt % of Total | | | |
|---|---|---|---|---|---|---|
| **Top Fines** | **Lbs** | **179.2** | **2.0%** | | | |
| Paper | Lbs | 33.8 | 0.4% | Combustibles | Paper | 33.8 |
| Cardboard | Lbs | - | 0.0% | | Cardboard | - |
| Plastic | Lbs | 21.7 | 0.2% | | Plastic | 21.7 |
| Organics | Lbs | 103.9 | 1.2% | | Organics | 103.9 |
| Metal – Ferrous | Lbs | 0.9 | 0.0% | Non-Combustibles | | |
| Metal – Other Non-Ferrous | Lbs | - | 0.0% | | | |
| Glass | Lbs | 18.8 | 0.2% | | | |
| Inorganic Material | Lbs | 0.1 | 0.0% | | | |
| HHW – Mercury Containing Devices | Lbs | - | 0.0% | | Various | 19.8 |
| Paper | % | | | | | |
| Cardboard | % | | | | | |
| Plastic | % | | | | | |
| Organics | % | | | | | |
| Metal – Ferrous | % | | | | | |
| Metal – Other Non-Ferrous | % | | | | | |
| Glass | % | | | | | |
| Inorganic Material | % | | | | | |
| HHW – Mercury Containing Devices | % | | | | | |
| **Total** | **%** | | | | | |

| Fraction | Samples | Top Fines | Bottom Fines | Non-Separables | Total | Wt% Total |
|---|---|---|---|---|---|---|
| Paper – Newsprint (ONP) | 254.8 | | | | 254.8 | 2.9% |
| Paper – Other | 1,901.2 | 33.8 | 2.7 | - | 1,937.7 | 22.0% |
| Cardboard – Corrugated (OCC) | 801.2 | | | | 801.2 | 9.1% |
| Cardboard – Gable Top & Aseptic | 39.9 | | | | 39.9 | 0.5% |
| Cardboard – Other | 165.6 | - | - | - | 165.6 | 1.9% |
| Plastic – HDPE Bottles/Jars | 138.9 | | | | 138.9 | 1.6% |
| Plastic – PET Bottles/Jars | 189.8 | | | | 189.8 | 2.2% |
| Plastic – PVC | 13.1 | | | | 13.1 | 0.1% |
| Plastic – Bags & Stretch Film | 614.6 | | | | 614.6 | 7.0% |
| Plastic – Other | 540.0 | 21.7 | 5.4 | 5.0 | 572.1 | 6.5% |
| Organics – Yard Waste | 169.1 | | | | 169.1 | 1.9% |
| Organics – Food Waste | 1,328.8 | | | | 1,328.8 | 15.1% |
| Organics – Other | 150.5 | 103.9 | 221.4 | 1.4 | 477.2 | 5.4% |
| Textiles | 378.7 | | | | 378.7 | 4.3% |
| Electronics / Small Appliances | 77.0 | | | | 77.0 | 0.9% |
| Metal – Ferrous | 243.0 | 0.9 | 0.3 | 19.1 | 263.3 | 3.0% |
| Metal – Aluminum Beverage Cans | 97.7 | | | | 97.7 | 1.1% |
| Metal – Other Non-Ferrous | 56.6 | - | - | 0.1 | 56.7 | 0.6% |
| Glass | 311.4 | 18.8 | 24.0 | - | 354.2 | 4.0% |
| Inorganic Materials | 668.9 | 0.1 | 141.3 | 6.5 | 816.7 | 9.3% |
| Household Hazardous Waste | 49.4 | - | - | - | 49.4 | 0.6% |
| HHW – Mercury Containing Devices | 7.4 | | | | 7.4 | 0.1% |
| **Total** | **8,197.6** | **179.2** | **395.0** | **32.1** | **8,803.9** | **100.0%** |

| **Total Combustibles** | | **Wt % Total** | **Wt % Combustibles** |
|---|---|---|---|
| **Item** | **Lbs** | | |
| Paper | 2,192.5 | 24.90% | 30.63% |
| Cardboard | 1,006.7 | 11.43% | 14.06% |
| Plastic | 1,528.5 | 17.36% | 21.35% |
| Organics | 1,975.1 | 22.43% | 27.59% |
| Textiles | 378.7 | 4.30% | 5.29% |
| Electronics / Small Appliances | 77.0 | 0.87% | 1.08% |
| **Total Combustibles** | **7158.4** | **81.31%** | **100.00%** |

| **Total Non-Combustibles** | | **Wt % Total** |
|---|---|---|
| Various | 1,645.5 | **18.69%** |
| | | **100.00%** |

# Polk County Solid Waste Resource Recovery Facility

2014 Solid Waste Composition Study Field Sheet Data Analysis

| Sample | Units | Item Subtotal | Wt % of Total | | | |
|---|---|---|---|---|---|---|
| **Bottom Fines** | **Lbs** | **395.0** | **4.5%** | | | |
| Paper | Lbs | 2.7 | 0.0% | Combustibles | Paper | 2.7 |
| Cardboard | Lbs | - | 0.0% | | Cardboard | - |
| Plastic | Lbs | 5.4 | 0.1% | | Plastic | 5.4 |
| Organics | Lbs | 221.4 | 2.5% | | Organics | 221.4 |
| Metal – Ferrous | Lbs | 0.3 | 0.0% | Non-Combustibles | | |
| Metal – Other Non-Ferrous | Lbs | - | 0.0% | | | |
| Glass | Lbs | 24.0 | 0.3% | | | |
| Inorganic Material | Lbs | 141.3 | 1.6% | | | |
| HHW – Mercury Containing Devices | Lbs | - | 0.0% | | Various | 165.6 |
| Paper | % | | | | | |
| Cardboard | % | | | | | |
| Plastic | % | | | | | |
| Organics | % | | | | | |
| Metal – Ferrous | % | | | | | |
| Metal – Other Non-Ferrous | % | | | | | |
| Glass | % | | | | | |
| Inorganic Material | % | | | | | |
| HHW – Mercury Containing Devices | % | | | | | |
| **Total** | **%** | | | | | |

| Sample | Units | Item Subtotal | Wt % of Total | | | |
|---|---|---|---|---|---|---|
| **Non-Separable #1** | **Lbs** | **32.1** | **0.4%** | | | |
| Paper | Lbs | - | 0.0% | Combustibles | Paper | - |
| Cardboard | Lbs | - | 0.0% | | Cardboard | - |
| Plastic | Lbs | 5.0 | 0.1% | | Plastic | 5.0 |
| Organics | Lbs | 1.4 | 0.0% | | Organics | 1.4 |
| Metal – Ferrous | Lbs | 19.1 | 0.2% | Non-Combustibles | | |
| Metal – Other Non-Ferrous | Lbs | 0.1 | 0.0% | | | |
| Glass | Lbs | - | 0.0% | | | |
| Inorganic Material | Lbs | 6.5 | 0.1% | | | |
| HHW – Mercury Containing Devices | Lbs | - | 0.0% | | Various | 25.7 |
| Paper | % | | | | | |
| Cardboard | % | | | | | |
| Plastic | % | | | | | |
| Organics | % | | | | | |
| Metal – Ferrous | % | | | | | |
| Metal – Other Non-Ferrous | % | | | | | |
| Glass | % | | | | | |
| Inorganic Material | % | | | | | |
| HHW – Mercury Containing Devices | % | | | | | |
| **Total** | **%** | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| | **8803.9** | **100.0%** | | **Total Lbs.** | **8,803.9** |

# Appendix B

## MVTL Analytical Results

# *MINNESOTA VALLEY TESTING LABORATORIES, INC.*

**MVTL**

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724
51 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885

MEMBER ACIL




Sample Number: 14-M780

Report Date: 4/29/14

Jon Steiner
Polk County Solid Waste Plant
PO Box 179
Fosston MN 56542-0179

Work Order #: 81-366
P.O. #: JD020614-01
Date Collected: 4/ 7/14 12:00

Date Received: 4/ 8/14

Sample Description: Composite #1

*** PROXIMATE ***

| ANALYTE | AS RECEIVED | | DRY BASIS | |
|---|---|---|---|---|
| Total Moisture | 26.18 | wt. % | | |
| Ash | 4.23 | wt. % | 5.73 | wt. % |
| Volatile Matter | 62.69 | wt. % | 84.92 | wt. % |
| Fixed Carbon | 6.90 | wt. % | 9.35 | wt. % |
| BTU/lb | 6120 | BTU/lb | 8290 | BTU/lb |
| Total Sulfur | 0.04 | wt. % | 0.05 | wt. % |

*** ULTIMATE ***

| ANALYTE | AS RECEIVED | | DRY BASIS | |
|---|---|---|---|---|
| Total Moisture | 26.18 | wt. % | | |
| Ash | 4.23 | wt. % | 5.73 | wt. % |
| Carbon | 42.82 | wt. % | 58.01 | wt. % |
| Hydrogen | 8.57 | wt. % | 7.64 | wt. % |
| Nitrogen | 0.55 | wt. % | 0.75 | wt. % |
| Total Sulfur | 0.04 | wt. % | 0.05 | wt. % |
| Oxygen by Difference | 43.79 | wt. % | 27.82 | wt. % |
| Chlorine | 1790 | ug/g | 2420 | ug/g |

*** SULFUR FORMS ***

| ANALYTE | AS RECEIVED | | DRY BASIS | |
|---|---|---|---|---|
| Total Sulfur | 0.04 | wt. % | 0.05 | wt. % |

*** ASH FUSION ***

| ANALYTE | REDUCING | OXIDIZING |
|---|---|---|

*** MINERAL ANALYSIS OF ASH ***

| ANALYTE | DRY BASIS |
|---|---|

*** MISCELLANEOUS ***

| ANALYTE | AS RECEIVED | DRY BASIS |
|---|---|---|

Comment: Each of the solid waste fractions was combined based on the weight % present in the combustible waste stream provided by Stericycle. The combined homogenized waste was riffled into four separate samples for analysis. All metal and batteries were removed from the electronics fraction and were not included in the analysis.

Approved by: Stacy Tarder

# MINNESOTA VALLEY TESTING LABORATORIES, INC.

MVTL

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724
51 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885

MEMBER ACIL




Sample Number: 14-M781

Report Date: 4/29/14

Jon Steiner
Polk County Solid Waste Plant
PO Box 179
Fosston MN 56542-0179

Work Order #: 81-366
P.O. #: JD020614-01
Date Collected: 4/ 7/14 12:00

Date Received: 4/ 8/14

Sample Description: Composite #2

*** PROXIMATE ***

| ANALYTE | AS RECEIVED | | DRY BASIS | |
|---|---|---|---|---|
| Total Moisture | 26.28 | wt. % | | |
| Ash | 5.74 | wt. % | 7.79 | wt. % |
| Volatile Matter | 60.33 | wt. % | 81.84 | wt. % |
| Fixed Carbon | 7.65 | wt. % | 10.38 | wt. % |
| BTU/lb | 7488 | BTU/lb | 10157 | BTU/lb |
| Total Sulfur | 0.06 | wt. % | 0.08 | wt. % |

*** ULTIMATE ***

| ANALYTE | AS RECEIVED | | DRY BASIS | |
|---|---|---|---|---|
| Total Moisture | 26.28 | wt. % | | |
| Ash | 5.74 | wt. % | 7.79 | wt. % |
| Carbon | 40.64 | wt. % | 55.13 | wt. % |
| Hydrogen | 8.14 | wt. % | 7.05 | wt. % |
| Nitrogen | 0.69 | wt. % | 0.94 | wt. % |
| Total Sulfur | 0.06 | wt. % | 0.08 | wt. % |
| Oxygen by Difference | 44.73 | wt. % | 29.02 | wt. % |
| Chlorine | 2220 | ug/g | 3010 | ug/g |

*** SULFUR FORMS ***

| ANALYTE | AS RECEIVED | | DRY BASIS | |
|---|---|---|---|---|
| Total Sulfur | 0.06 | wt. % | 0.08 | wt. % |

*** ASH FUSION ***

| ANALYTE | REDUCING | OXIDIZING |
|---|---|---|

*** MINERAL ANALYSIS OF ASH ***

| ANALYTE | DRY BASIS |
|---|---|

*** MISCELLANEOUS ***

| ANALYTE | AS RECEIVED | DRY BASIS |
|---|---|---|

Comment: Each of the solid waste fractions was combined based on the weight % present in the combustible waste stream provided by Stericycle. The combined homogenized waste was riffled into four separate samples for analysis. All metal and batteries were removed from the electronics fraction and were not included in the analysis.

Approved by: Stacy Larson

# *MINNESOTA VALLEY TESTING LABORATORIES, INC.*

**MVTL**

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724
51 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885

MEMBER ACIL




Sample Number: 14-M782

Report Date: 4/29/14

Jon Steiner
Polk County Solid Waste Plant
PO Box 179
Fosston MN 56542-0179

Work Order #: 81-366
P.O. #: JD020614-01
Date Collected: 4/ 7/14 12:00

Date Received: 4/ 8/14

Sample Description: Composite #3

*** PROXIMATE ***

| ANALYTE | AS RECEIVED | | DRY BASIS | |
|---|---|---|---|---|
| Total Moisture | 26.38 | wt. % | | |
| Ash | 5.05 | wt. % | 6.86 | wt. % |
| Volatile Matter | 60.03 | wt. % | 81.54 | wt. % |
| Fixed Carbon | 8.54 | wt. % | 11.59 | wt. % |
| BTU/lb | 6221 | BTU/lb | 8450 | BTU/lb |
| Total Sulfur | 0.05 | wt. % | 0.07 | wt. % |

*** ULTIMATE ***

| ANALYTE | AS RECEIVED | | DRY BASIS | |
|---|---|---|---|---|
| Total Moisture | 26.38 | wt. % | | |
| Ash | 5.05 | wt. % | 6.86 | wt. % |
| Carbon | 39.06 | wt. % | 53.06 | wt. % |
| Hydrogen | 7.97 | wt. % | 6.82 | wt. % |
| Nitrogen | 1.24 | wt. % | 1.68 | wt. % |
| Total Sulfur | 0.05 | wt. % | 0.07 | wt. % |
| Oxygen by Difference | 46.63 | wt. % | 31.52 | wt. % |
| Chlorine | 1530 | ug/g | 2080 | ug/g |

*** SULFUR FORMS ***

| ANALYTE | AS RECEIVED | | DRY BASIS | |
|---|---|---|---|---|
| Total Sulfur | 0.05 | wt. % | 0.07 | wt. % |

*** ASH FUSION ***

| ANALYTE | REDUCING | OXIDIZING |
|---|---|---|

*** MINERAL ANALYSIS OF ASH ***

| ANALYTE | DRY BASIS |
|---|---|

*** MISCELLANEOUS ***

| ANALYTE | AS RECEIVED | DRY BASIS |
|---|---|---|

Comment: Each of the solid waste fractions was combined based on the weight % present in the combustible waste stream provided by Stericycle. The combined homogenized waste was riffled into four separate samples for analysis. All metal and batteries were removed from the electronics fraction and were not included in the analysis.

Approved by: Stacy Larson

# *MINNESOTA VALLEY TESTING LABORATORIES, INC.*

**MVTL**

1126 N. Front St. ~ New Ulm, MN 56073 ~ 800-782-3557 ~ Fax 507-359-2890
2616 E. Broadway Ave. ~ Bismarck, ND 58501 ~ 800-279-6885 ~ Fax 701-258-9724
51 W. Lincoln Way ~ Nevada, IA 50201 ~ 800-362-0855 ~ Fax 515-382-3885

MEMBER ACIL




Sample Number: 14-M783

Report Date: 4/29/14

Jon Steiner
Polk County Solid Waste Plant
PO Box 179
Fosston MN 56542-0179

Work Order #: 81-366
P.O. #: JD020614-01
Date Collected: 4/ 7/14 12:00

Date Received: 4/ 8/14

Sample Description: Composite #4

*** PROXIMATE ***

| ANALYTE | AS RECEIVED | | DRY BASIS | |
|---|---|---|---|---|
| Total Moisture | 26.35 | wt. % | | |
| Ash | 5.93 | wt. % | 8.05 | wt. % |
| Volatile Matter | 59.92 | wt. % | 81.36 | wt. % |
| Fixed Carbon | 7.80 | wt. % | 10.59 | wt. % |
| BTU/lb | 6413 | BTU/lb | 8708 | BTU/lb |
| Total Sulfur | 0.05 | wt. % | 0.07 | wt. % |

*** ULTIMATE ***

| ANALYTE | AS RECEIVED | | DRY BASIS | |
|---|---|---|---|---|
| Total Moisture | 26.35 | wt. % | | |
| Ash | 5.93 | wt. % | 8.05 | wt. % |
| Carbon | 39.55 | wt. % | 53.70 | wt. % |
| Hydrogen | 7.99 | wt. % | 6.84 | wt. % |
| Nitrogen | 0.79 | wt. % | 1.07 | wt. % |
| Total Sulfur | 0.05 | wt. % | 0.07 | wt. % |
| Oxygen by Difference | 45.69 | wt. % | 30.26 | wt. % |
| Chlorine | 1490 | ug/g | 2020 | ug/g |

*** SULFUR FORMS ***

| ANALYTE | AS RECEIVED | | DRY BASIS | |
|---|---|---|---|---|
| Total Sulfur | 0.05 | wt. % | 0.07 | wt. % |

*** ASH FUSION ***

| ANALYTE | REDUCING | OXIDIZING |
|---|---|---|

*** MINERAL ANALYSIS OF ASH ***

| ANALYTE | DRY BASIS |
|---|---|

*** MISCELLANEOUS ***

| ANALYTE | AS RECEIVED | DRY BASIS |
|---|---|---|

Comment: Each of the solid waste fractions was combined based on the weight % present in the combustible waste stream provided by Stericycle. The combined homogenized waste was riffled into four separate samples for analysis. All metal and batteries were removed from the electronics fraction and were not included in the analysis.

Approved by: Stacy Larson

# Appendix C

## Proximate Analysis, Ultimate Analysis, and Heating Value Calculations

# Polk County Solid Waste Resource Recovery Facility

**2014 Solid Waste Composition Study Results**

**Total Combustibles**

| Item | Lbs | wt% |
|---|---|---|
| Paper | 2,192.5 | 24.90% |
| Cardboard | 1,006.7 | 11.43% |
| Plastic | 1,528.5 | 17.36% |
| Organics | 1,975.1 | 22.43% |
| Textiles | 378.7 | 4.30% |
| Electronics | 77.0 | 0.87% |
| **Total** | **7,158.4** | **81.31%** |

**Total Non-Combustibles**

| Item | Lbs | wt% |
|---|---|---|
| **Total** | **1,645.5** | **18.69%** |

| | | |
|---|---|---|
| **Total** | **8,803.9** | **100.00%** |

**Proximate Analysis (Combustible Fractions Only - As Received Basis)**

| Analyte | Units | Sample 1 | Sample 2 | Sample 3 | Sample 4 | Average |
|---|---|---|---|---|---|---|
| Total Moisture | wt% | 26.18% | 26.28% | 26.38% | 26.35% | **26.30%** |
| Ash | wt% | 4.23% | 5.74% | 5.05% | 5.93% | **5.24%** |
| Volatile Matter | wt% | 62.69% | 60.33% | 60.03% | 59.92% | **60.74%** |
| Total Sulfur[1] | wt% | 0.04% | 0.06% | 0.05% | 0.05% | **0.05%** |
| Fixed Carbon (by difference)[2] | wt% | 6.86% | 7.59% | 8.49% | 7.75% | **7.67%** |
| **Total** | | **100.00%** | **100.00%** | **100.00%** | **100.00%** | **100.00%** |
| | | | | | | |
| **Heating Value** | **Btu/lb.** | **6,120** | **7,488** | **6,221** | **6,413** | **6,561** |

**Proximate Analysis (Including Non-Combustibles)**

| Analyte | Result as Incinerated (Including Non-Combustibles) |
|---|---|
| Total Moisture | **21.38%** |
| Ash | **4.26%** |
| Volatile Matter | **49.39%** |
| Total Sulfur[1] | **0.04%** |
| Fixed Carbon (by difference) | **6.24%** |
| Non-Combustibles | **18.69%** |
| **Total** | **100.00%** |
| | |
| **Heating Value** | **5,334** |

**Ultimate Analysis (Combustible Fractions Only - As Received Basis)**

| Analyte | Units | Sample 1 | Sample 2 | Sample 3 | Sample 4 | Average |
|---|---|---|---|---|---|---|
| Total Moisture | wt% | 26.18% | 26.28% | 26.38% | 26.35% | **26.30%** |
| | | | | | | |
| Ash[3] | wt% | 4.23% | 5.74% | 5.05% | 5.93% | **5.24%** |
| Carbon | wt% | 42.82% | 40.64% | 39.06% | 39.55% | **40.52%** |
| Hydrogen | wt% | 8.57% | 8.14% | 7.97% | 7.99% | **8.17%** |
| Nitrogen | wt% | 0.55% | 0.69% | 1.24% | 0.79% | **0.82%** |
| Total Sulfur | wt% | 0.04% | 0.06% | 0.05% | 0.05% | **0.05%** |
| Chlorine | wt% | 0.18% | 0.22% | 0.15% | 0.15% | **0.18%** |
| Oxygen (by difference)[4] | wt% | 43.61% | 44.51% | 46.48% | 45.54% | **45.03%** |
| **Total** | | **100.00%** | **100.00%** | **100.00%** | **100.00%** | **100.00%** |

**Ultimate Analysis (Including Non-Combustibles)**

| Analyte | Result as Incinerated (Including Non-Combustibles) |
|---|---|
| Total Moisture | **21.38%** |
| | |
| Ash[3] | **3.14%** |
| Carbon | **24.28%** |
| Hydrogen | **4.89%** |
| Nitrogen | **0.49%** |
| Total Sulfur | **0.03%** |
| Chlorine | **0.11%** |
| Oxygen (by difference) | **26.99%** |
| Non-Combustibles | **18.69%** |
| **Total** | **100.00%** |

[1] Total Sulfur has been included in Proximate Analysis

[2] Fixed Carbon (by difference) is slightly lower than reported in MVTL analytical due to inclusion of Total Sulfur

[3] Ash has been included in Ultimate Analysis

[4] Oxygen (by difference) is slightly lower than reported in MVTL analytical due to inclusion of Chlorine

# Appendix D

## Field Data Sheets

- TARE SHEET -

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: | | | Date: | | | | |
| | Time: | | | Person Recording: | | | | |
| HAULER INFORMATION: | Company Name: | | | Truck #: | | | | |
| TYPE OF LOAD: | Residential: ☐ | Industrial: ☐ | Commercial: ☐ | Mixed: ☐ | | | | |
| ORIGINATION OF TRUCK: | Service Area: | | | | | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): | | | | | | | |
| | Outgoing Truck Weight (#): | | | | | | | |
| | Weight of MSW (#): | | | END TARE | | | | |

| WASTE COMP. INFORMATION: START | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) ✓ | 8.4 | | 8.4 |
| 2. Paper - Other ✓ | 15.6 | | 15.6 |
| 3. Cardboard - Clean Corrugated (OCC) | 16.0 | | 16.0 |
| 4. Cardboard - Gable Top & Aseptic | 5.5 | | 5.5 |
| 5. Cardboard - Other | 8.3 | | 8.3 |
| 6. Plastic - HDPE | 8.4 | | 8.8 |
| 7. Plastic - PET | 8.7 | | 9.1 |
| 8. Plastic - PVC | 2.3 | | 2.3 |
| 9. Plastic - Bags & Stretch Film | 15.9 | | 15.9 |
| 10. Plastic - Other | 8.8 | | 8.9 |
| 11. Organic Material - Yard Waste | 5.4 | | 5.5 |
| 12. Organic Material - Food Waste | 2.3 | | 2.4 |
| 13. Organic Material - Other | 5.2 | | 5.2 |
| 14. Electronics / Small Appliances | 0 | | 0 |
| 15. Ferrous Metals | 5.9 | | 5.9 |
| 16. Non-Ferrous Metal - Aluminum Cans | 5.2 | | 5.3 |
| 17. Non-Ferrous Metal - Other | 5.7 | | 5.6 |
| 18. Glass | 5.3 | | 5.4 |
| 19. Inorganic Material | 5.3 | | 5.3 |
| 20. Household Hazardous Waste | 0 | | 0 |
| 21. Solid Wastes Containing Mercury | 0 | | 0 |

| Top Fines: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Bottom Fines: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #1: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22) TEXTILES 8.5 8.5

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 1 | | | Date: 3-31-14 | | | | |
| | Time: 4:45 A.m. | | | Person Recording: | | | | |
| HAULER INFORMATION: Kramer | Company Name: | | | Truck #: | | | | |
| TYPE OF LOAD: MSW | Residential: ☑ Industrial: ☐ Commercial: ☐ Mixed: ☐ | | | | | | | |
| ORIGINATION OF TRUCK: Erskine | Service Area: Erskine area | | | | | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): 45,200 | | | | | | | |
| | Outgoing Truck Weight (#): 34,960 | | | | | | | |
| 10,240 | Weight of MSW (#): 10,240 | | | | | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 13.4 | |
| 2. Paper - Other | (21.3) | 32.4 - 36.9 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 41.2 - 30.1 | |
| 4. Cardboard - Gable Top & Aseptic | | 5.6 | |
| 5. Cardboard - Other | | 11.1 | |
| 6. Plastic - HDPE | | 11.0 | |
| 7. Plastic - PET | | 11.6 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 24.7 | |
| 10. Plastic - Other | | 19.1 | |
| 11. Organic Material - Yard Waste | | 7.8 | |
| 12. Organic Material - Food Waste | | 12.4 | |
| 13. Organic Material - Other | | 7.8 | |
| 14. Electronics / Small Appliances | | (4.2) — | |
| 15. Ferrous Metals | | 11.9 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 6.6 | |
| 17. Non-Ferrous Metal - Other | | 6.5 | |
| 18. Glass | | 11.6 | |
| 19. Inorganic Material | | 15.5 | |
| 20. Household Hazardous Waste | (0.8) tube Caulk | (4.8) CANS of SPRAY PAINT | (0.9) oil filter (1.8) Batte |
| 21. Solid Wastes Containing Mercury | | | |

| Top Fines: 7.1 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic 50% | % Ferrous | % Non-Ferrous | % Glass 50 | % Inorganic | % SWCM |
| Bottom Fines: 16.8 | | | food | | | | Kitty Litter | |
| % Paper | % Cardboard | % Plastic | % Organic 40 | % Ferrous | % Non-Ferrous | % Glass 50 | % Inorganic 10 | % SWCM |
| Non-Separable Item #1: | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| Non-Separable Item #2: | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |

22.) TEXTILES 12.6

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 2 | | | Date: 3-31-14 | | | | |
| | Time: 8:59 A.m | | | Person Recording: TR | | | | |
| HAULER INFORMATION: Listrom | Company Name: Listrom | | | Truck #: | | | | |
| TYPE OF LOAD: mixed msw | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☑ | | | | | | | |
| ORIGINATION OF TRUCK: Bagley | Service Area: Bagley / Southern Clearwater CO. | | | | | | | |
| MSW LOAD WEIGHT: 8,900 | Incoming Truck Weight (#): 47,440 | | | | | | | |
| | Outgoing Truck Weight (#): 38,540 | | | | | | | |
| | Weight of MSW (#): 8,900 | | | | | | | |
| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) | | | | | |
| 1. Paper - Newsprint (ONP) | | 30.4 | | | | | | |
| 2. Paper - Other | | 40.8 - 35.8 | | | | | | |
| 3. Cardboard - Clean Corrugated (OCC) | ~~33~~ | 33.5 - 21.4 | | | | | | |
| 4. Cardboard - Gable Top & Aseptic | | 6.2 | | | | | | |
| 5. Cardboard - Other | | 13.9 | | | | | | |
| 6. Plastic - HDPE | | 11.5 | | | | | | |
| 7. Plastic - PET | | 12.6 | | | | | | |
| 8. Plastic - PVC | | -2.4 | | | | | | |
| 9. Plastic - Bags & Stretch Film | | 28.7 | | | | | | |
| 10. Plastic - Other | ~~22~~ | 24.9 - 14.5 | | | | | | |
| 11. Organic Material - Yard Waste | | 8.9 | | | | | | |
| 12. Organic Material - Food Waste | | 15.7 - 19.7 | | | | | | |
| 13. Organic Material - Other | | 7.1 | | | | | | |
| 14. Electronics / Small Appliances | | (0.7) | | | | | | |
| 15. Ferrous Metals | | 15.2 | | | | | | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.4 | | | | | | |
| 17. Non-Ferrous Metal - Other | | 6.1 | | | | | | |
| 18. Glass | | 1.0 | | | | | | |
| 19. Inorganic Material | | (16.3) - 20.3 | | | | | | |
| 20. Household Hazardous Waste | | (0.1) batteries | | | | | | |
| 21. Solid Wastes Containing Mercury | | | | | | | | |

| Top Fines: 5.9 | | | Food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | 5 | 50 | | | 45 | | |
| **Bottom Fines: 9.1** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | 60 | 40 | |
| **Non-Separable Item #1:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22) Textiles

23.2

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 3 | | | Date: 3-31-14 | | | | |
| | Time: 10:52 | | | Person Recording: TK | | | | |
| HAULER INFORMATION: Ryan | Company Name: Foss ton | | | Truck #: | | | | |
| TYPE OF LOAD: MSW | Residential: ☑ | Industrial: ☐ | | Commercial: ☐ | | Mixed: ☐ | | |
| ORIGINATION OF TRUCK: Foss ton | Service Area: Foss ton | | | | | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): 29520 | | | | | | | |
| | Outgoing Truck Weight (#): 21300 | | | | | | | |
| MSW | Weight of MSW (#): 8220 | | | | | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | 7 | 20.4 | |
| 2. Paper - Other | | 29.6 - 32.0 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 34.7 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.0 | |
| 5. Cardboard - Other | | 11.7 | |
| 6. Plastic - HDPE | | 10.5 | |
| 7. Plastic - PET | | 13.1 | |
| 8. Plastic - PVC | | | |
| 9. Plastic - Bags & Stretch Film | | 27.4 | |
| 10. Plastic - Other | | 23.1 | |
| 11. Organic Material - Yard Waste | | 6.9 | |
| 12. Organic Material - Food Waste | | 13.9 - 16.9 | |
| 13. Organic Material - Other | | 21.5 | |
| 14. Electronics / Small Appliances | | — | |
| 15. Ferrous Metals | | 12.9 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.5 | |
| 17. Non-Ferrous Metal - Other | | 6.7 | |
| 18. Glass | | 20.8 | |
| 19. Inorganic Material | | 22.4 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | (0.2) | |

| | % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
|---|---|---|---|---|---|---|---|---|---|
| Top Fines: 8.0 | 10 | | | 30 | | | 60 | | |
| Bottom Fines: 11.1 | | | | 60 | | | 35 | 5 | |
| Non-Separable Item #1: (1.1) | | | | | | (0.1) | | (1.0) | |
| Non-Separable Item #2: | | | | | | | | | |

22.) TEXTILES

26.9

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 4 | | | Date: 3-31-14 | | | | |
| | Time: 11:00 a.m | | | Person Recording: TR | | | | |
| HAULER INFORMATION: Bruce K | Company Name: Polk Co | | | Truck #: Lenes Compactor | | | | |
| TYPE OF LOAD: MSW | Residential: ☑ | Industrial: ☐ | Commercial: ☐ | Mixed: ☐ | | | | |
| ORIGINATION OF TRUCK: Fosston/ | Service Area: Fosston/mahnomen | | | | | | | |
| MSW LOAD WEIGHT: mahnomen | Incoming Truck Weight (#): 49,220 | | | | | | | |
| | Outgoing Truck Weight (#): 33,000 | | | | | | | |
| 16,220 | Weight of MSW (#): 16,220 | | | | | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 11.2 | |
| 2. Paper - Other | | (41)-36.3-41.8 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 36.5 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.1 | |
| 5. Cardboard - Other | 1 | 10.4 | |
| 6. Plastic - HDPE | | 11.6 | |
| 7. Plastic - PET | | 15.6 | |
| 8. Plastic - PVC | | (0.1) | |
| 9. Plastic - Bags & Stretch Film | | 31.6 | |
| 10. Plastic - Other | | 18.7 | |
| 11. Organic Material - Yard Waste | | 6.9 | |
| 12. Organic Material - Food Waste | | 11.8-16.2 | |
| 13. Organic Material - Other | | 11.3 | |
| 14. Electronics / Small Appliances | | (0.2) (0.2) | |
| 15. Ferrous Metals | | 12.3 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 12.8 | |
| 17. Non-Ferrous Metal - Other | | 7.0 | |
| 18. Glass | | 11.0 | |
| 19. Inorganic Material | | 10.0 | |
| 20. Household Hazardous Waste | | | |
| 21. Solid Wastes Containing Mercury | | (0.2) Batteries | |

| Top Fines: 10.0 heavy & glass | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 5 | | 5 | 40 | | | 50 | | |

| Bottom Fines: 21.3 heavy & | | | Kitty Litter | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 10 | | | | | | 30 | 60 | |

| Non-Separable Item #1: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22.) TEXTILE 13.6

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 5 | | | Date: 3-31-14 | | | | |
| | Time: 11:15 AM | | | Person Recording: | | | | |
| HAULER INFORMATION: Fuchs 106 | Company Name: Fuchs | | | Truck #: 106 | | | | |
| TYPE OF LOAD: mixed MSW | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | | | | | | |
| ORIGINATION OF TRUCK: norman CO | Service Area: Norman CO. | | | | | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): 58280 | | | | | | | |
| | Outgoing Truck Weight (#): 41520 | | | | | | | |
| mixed MSW | Weight of MSW (#): 16,760 | | | | | | | |
| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) | | | | | |
| 1. Paper - Newsprint (ONP) | | 14.4 | | | | | | |
| 2. Paper - Other | | 36.4 - 32.6 | | | | | | |
| 3. Cardboard - Clean Corrugated (OCC) | | 28.7 - 24.4 | | | | | | |
| 4. Cardboard - Gable Top & Aseptic | | 6.3 | | | | | | |
| 5. Cardboard - Other | | 12.9 | | | | | | |
| 6. Plastic - HDPE | | 10.9 | | | | | | |
| 7. Plastic - PET | | 11.9 | | | | | | |
| 8. Plastic - PVC | | — | | | | | | |
| 9. Plastic - Bags & Stretch Film | | 29.0 | | | | | | |
| 10. Plastic - Other | | 21.1 | | | | | | |
| 11. Organic Material - Yard Waste | | 5.7 | | | | | | |
| 12. Organic Material - Food Waste | | 22.2 - 11.1 - 20.3 | | | | | | |
| 13. Organic Material - Other | | 6.8 | | | | | | |
| 14. Electronics / Small Appliances | | (3.1) TRANSFORMERS (0.6) | | | | | | |
| 15. Ferrous Metals | | 14.2 | | | | | | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 8.3 | | | | | | |
| 17. Non-Ferrous Metal - Other | | 7.4 | | | | | | |
| 18. Glass | | 11.1 | | | | | | |
| 19. Inorganic Material | | 14.7 | | | | | | |
| 20. Household Hazardous Waste | | (0.7) (6.5) BALLASTS | | | | | | |
| 21. Solid Wastes Containing Mercury | | (0.3) BATTERIES | | | | | | |

| Top Fines: 9.3 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 3 | | 2 | good 60. | | | 35 | | |
| **Bottom Fines: 12.6** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | good 95 | | | | 5% | |
| **Non-Separable Item #1:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

2) Textiles

14.4

# Load Information Form

| | | | |
|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 6 | Date: 3-31-14 | |
| | Time: 11:22 A.M. | Person Recording: TR | |
| HAULER INFORMATION: Fuchs | Company Name: Fuchs | Truck #: 103 | |
| TYPE OF LOAD: mixed MSW | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | |
| ORIGINATION OF TRUCK: Norman CO | Service Area: Norman CO | | |
| MSW LOAD WEIGHT: 11,120 | Incoming Truck Weight (#): 51960 | | |
| | Outgoing Truck Weight (#): 40840 | | |
| | Weight of MSW (#): 11,120 | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 33.0 | |
| 2. Paper - Other | | 38.2 – 40.5 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 32.8 (14.1) | |
| 4. Cardboard - Gable Top & Aseptic | | 6.1 | |
| 5. Cardboard - Other | | 8.9 | |
| 6. Plastic - HDPE | | 10.3 | |
| 7. Plastic - PET | | 12.4 | |
| 8. Plastic - PVC | | | |
| 9. Plastic - Bags & Stretch Film | | 26.9 | |
| 10. Plastic - Other | | 19.4 | |
| 11. Organic Material - Yard Waste | | 15.2 | |
| 12. Organic Material - Food Waste | | 14.4 – 17.6 | |
| 13. Organic Material - Other | | 7.6 | |
| 14. Electronics / Small Appliances | | (2.2) (0.3) (0.1) | |
| 15. Ferrous Metals | | 9.2 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 8.8 | |
| 17. Non-Ferrous Metal - Other | | 5.7 | |
| 18. Glass | | 10.9 | |
| 19. Inorganic Material | | 8.0 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | — | |

Top Fines: 4.1

| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
|---|---|---|---|---|---|---|---|---|
| 40 | | 40 | 10 | | | 10 | | |

Bottom Fines: 15.9

| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | 100% | |

Non-Separable Item #1:

| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

Non-Separable Item #2:

| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

Not sure Think into Sewage compo

22.) Textiles 12.8

# Load Information Form

| | | | |
|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 17 | Date: 3-31-14 | |
| | Time: | Person Recording: TR | |
| HAULER INFORMATION: Anderson | Company Name: Anderson | Truck #: — | |
| TYPE OF LOAD: MSW | Residential: ☑ Industrial: ☐ Commercial: ☐ Mixed: ☐ | | |
| ORIGINATION OF TRUCK: Clearbrook | Service Area: Northern Clearwater | | |
| MSW LOAD WEIGHT: 13740 | Incoming Truck Weight (#): 50940 | | |
| | Outgoing Truck Weight (#): 37200 | | |
| | Weight of MSW (#): 13,740 | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 11.3 | |
| 2. Paper - Other | | 37.4 - 32.7 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 36.3 | |
| 4. Cardboard - Gable Top & Aseptic | | 5.5 | |
| 5. Cardboard - Other | | 13.5 | |
| 6. Plastic - HDPE | | 15.0 | |
| 7. Plastic - PET | | 15.8 | |
| 8. Plastic - PVC | | | |
| 9. Plastic - Bags & Stretch Film | | 28.3 | |
| 10. Plastic - Other | | 21.6 | |
| 11. Organic Material - Yard Waste | | 6.6 | |
| 12. Organic Material - Food Waste | | 27.7 - 13.2 | |
| 13. Organic Material - Other | | 8.8 | |
| 14. Electronics / Small Appliances | | (0.7) | |
| 15. Ferrous Metals | | 9.7 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.4 | |
| 17. Non-Ferrous Metal - Other | | 6.3 | |
| 18. Glass | | 17.9 | |
| 19. Inorganic Material | | 21.1 | |
| 20. Household Hazardous Waste | | (1.7) oil filter (0.1) Batteries | |
| 21. Solid Wastes Containing Mercury | | | |

| Top Fines: 7.1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 50 | | 40 | food 10 | | | | | |

| Bottom Fines: 13.5 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | food 98 | | | 2 | | |

| Non-Separable Item #1: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

20.7

# Load Information Form

| | | | | |
|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 8 | | Date: 3-31-14 | |
| | Time: 204 PM | | Person Recording: TR | |
| HAULER INFORMATION: Solberg | Company Name: Solberg | | Truck #: 16 | |
| TYPE OF LOAD: MSW mixed | Residential: ☐ Industrial: ☐ | | Commercial: ☐ | Mixed: ☑ |
| ORIGINATION OF TRUCK: Bemidji | Service Area: Beltrami County | | | |
| MSW LOAD WEIGHT: 41160 | Incoming Truck Weight (#): 76740 | | | |
| | Outgoing Truck Weight (#): 35580 | | | |
| | Weight of MSW (#): 41160 | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 14.5 | |
| 2. Paper - Other | | 52.2 - 39.2 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 31.1 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.8 | |
| 5. Cardboard - Other | # | 11.8 | |
| 6. Plastic - HDPE | | 12.9 | |
| 7. Plastic - PET | | 16.2 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 32.9 | |
| 10. Plastic - Other | (10.0) | (9.1) 19.6 | |
| 11. Organic Material - Yard Waste | | 6.1 | |
| 12. Organic Material - Food Waste | | 17.4 - 13.1 | |
| 13. Organic Material - Other | | 5.7 | |
| 14. Electronics / Small Appliances | | (0.2) | |
| 15. Ferrous Metals | | 10.0 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.3 | |
| 17. Non-Ferrous Metal - Other | | 6.5 | |
| 18. Glass | | 9.3 | |
| 19. Inorganic Material | [illegible] | 18.9 | |
| 20. Household Hazardous Waste | | (0.5) | |
| 21. Solid Wastes Containing Mercury | | (0.1) Bottles | |

| Top Fines: 6.2 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 30 | | 20 | 50 | | | | | |

| Bottom Fines: 12.2 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | food 100 | | | | | |

| Non-Separable Item #1: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22.) TEXTILE

13.1

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 9 | | | Date: 3-31-14 | | | | |
| | Time: 1:04 PM | | | Person Recording: TR | | | | |
| HAULER INFORMATION: Silberg | Company Name: Silberg | | | Truck #: 16 | | | | |
| TYPE OF LOAD: MSW mixed | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☑ | | | | | | | |
| ORIGINATION OF TRUCK: Bemidji | Service Area: Beltrami Co | | | | | | | |
| MSW LOAD WEIGHT: 41160 | Incoming Truck Weight (#): 76740 | | | | | | | |
| | Outgoing Truck Weight (#): 35580 | | | | | | | |
| | Weight of MSW (#): 41160 | | | | | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 9.3 | |
| 2. Paper - Other | | 45.1 – 48.9 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 34.2 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.4 | |
| 5. Cardboard - Other | | 13.1 | |
| 6. Plastic - HDPE | | 9.1 | |
| 7. Plastic - PET | | 11.4 | |
| 8. Plastic - PVC | | – | |
| 9. Plastic - Bags & Stretch Film | | 34.9 | |
| 10. Plastic - Other | | 25.2 – 18.4 | |
| 11. Organic Material - Yard Waste | | 10.2 | |
| 12. Organic Material - Food Waste | | 17.2 – 13.7 | |
| 13. Organic Material - Other | | 6.4 | |
| 14. Electronics / Small Appliances | | – | |
| 15. Ferrous Metals | | 9.4 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 6.5 | |
| 17. Non-Ferrous Metal - Other | | 7.4 | |
| 18. Glass | | 7.1 | |
| 19. Inorganic Material | | 9.7 | |
| 20. Household Hazardous Waste | | – | |
| 21. Solid Wastes Containing Mercury | | (0.1) Batteries | |

| | % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
|---|---|---|---|---|---|---|---|---|---|
| Top Fines: 11.6 | 5 | | 5 | food 90 | | | | | |
| Bottom Fines: 14.1 | | | | food 80 | | | | dirt 20 | |
| Non-Separable Item #1: 24.1 | | | 5.0 | | 19.1 | | | | |
| Non-Separable Item #2: | | | | | | | | | |

22.) TEXTILES 9.4

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 10 | | | | Date: 3-31-14 | | | |
| | Time: 3:41 | | | | Person Recording: TR | | | |
| HAULER INFORMATION: Solberg Dustin | Company Name: Solberg | | | | Truck #: 16 | | | |
| TYPE OF LOAD: Mixed MSW | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | | | | | | |
| ORIGINATION OF TRUCK: Bemidji | Service Area: Beltrami Co. | | | | | | | |
| MSW LOAD WEIGHT: 42,980 | Incoming Truck Weight (#): ~~40~~ 30,302 | | | | | | | |
| | Outgoing Truck Weight (#): 37,320 | | | | | | | |
| | Weight of MSW (#): 42,980 | | | | | | | |
| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | | | SAMPLE WEIGHT (#) | | | |
| 1. Paper - Newsprint (ONP) | | 11.8 | | | | | | |
| 2. Paper - Other | | 48.8 - 40.1 | | | | | | |
| 3. Cardboard - Clean Corrugated (OCC) | | 29.6 | | | | | | |
| 4. Cardboard - Gable Top & Aseptic | | 7.7 | | | | | | |
| 5. Cardboard - Other | | 15.9 | | | | | | |
| 6. Plastic - HDPE | | 9.8 | | | | | | |
| 7. Plastic - PET | | 13.3. | | | | | | |
| 8. Plastic - PVC | | 2.8 | | | | | | |
| 9. Plastic - Bags & Stretch Film | | 38.2 | | | | | | |
| 10. Plastic - Other | | 19.8 | | | | | | |
| 11. Organic Material - Yard Waste | | — | | | | | | |
| 12. Organic Material - Food Waste | | 26.3 - 28.7 - 7.9 | | | | | | |
| 13. Organic Material - Other | | 6.1 (0.4) | | | | | | |
| 14. Electronics / Small Appliances | | — | | | | | | |
| 15. Ferrous Metals | | 9.0 | | | | | | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 6.7 | | | | | | |
| 17. Non-Ferrous Metal - Other | | 6.2 | | | | | | |
| 18. Glass | | 11.0 | | | | | | |
| 19. Inorganic Material | | 6.8 | | | | | | |
| 20. Household Hazardous Waste | | — | | | | | | |
| 21. Solid Wastes Containing Mercury | | (0.3) Batteries | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Top Fines: 8.0 | | | beef | | | | | |
| % Paper 5 | % Cardboard | % Plastic | % Organic 75 | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| Bottom Fines: 13.5 | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic 100 | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| Non-Separable Item #1: | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| Non-Separable Item #2: | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |

12.) Textile 11.5

# Load Information Form

| GENERAL INFORMATION: | Sample #: 11 | Date: 3-31-14 |
|---|---|---|
| | Time: 3:41 | Person Recording: TR |
| HAULER INFORMATION: Solberg | Company Name: Solberg | Truck #: 16 |
| TYPE OF LOAD: MSW mixed | Residential: ☐ Industrial: ☐ | Commercial: ☐ Mixed: ☒ |
| ORIGINATION OF TRUCK: Bemidji | Service Area: Beltrami Co. | |
| MSW LOAD WEIGHT: 42980 | Incoming Truck Weight (#): 80300 | |
| | Outgoing Truck Weight (#): 37320 | |
| | Weight of MSW (#): 42980 | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 13.1 | |
| 2. Paper - Other | | 43.6 - 47.3 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 26.3 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.1 | |
| 5. Cardboard - Other | | 11.5 | |
| 6. Plastic - HDPE | | 11.2 | |
| 7. Plastic - PET | | 12.8 | |
| 8. Plastic - PVC | | (1.3) | |
| 9. Plastic - Bags & Stretch Film | | 32.4 | |
| 10. Plastic - Other | | 20.3 | |
| 11. Organic Material - Yard Waste | | 6.4 | |
| 12. Organic Material - Food Waste | | 10.6 - 26.6 | |
| 13. Organic Material - Other | | 8.1 | |
| 14. Electronics / Small Appliances | | (0.1) | |
| 15. Ferrous Metals | | (0.1) (0.1) 9.7 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 8.5 | |
| 17. Non-Ferrous Metal - Other | | [illegible] 7.0 | |
| 18. Glass | | 13.0 | |
| 19. Inorganic Material | | 27.2 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | (0.1) Battery | |

| Top Fines: 7.9 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 2.5 | | 5 | 70 | | | | | |
| **Bottom Fines: 13.1** | | | food | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 95 | | | | 5 | |
| **Non-Separable Item #1:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22) Textiles

11.2

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 12 | | | Date: 4-1-14 | | | | |
| | Time: Below Key | | | Person Recording: TR 9.9. | | | | |
| HAULER INFORMATION: Steve | Company Name: / | | | Truck #: – | | | | |
| TYPE OF LOAD: MSW | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | | | | | | |
| ORIGINATION OF TRUCK: Erskine | Service Area: ERSKINE | | | | | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): 45,460 | | | | | | | |
| | Outgoing Truck Weight (#): 35000 | | | | | | | |
| | Weight of MSW (#): 10,460 | | | | | | | |
| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) | | | | | |
| 1. Paper - Newsprint (ONP) | | 15.9 | | | | | | |
| 2. Paper - Other | | 34.5 - 53.7 | | | | | | |
| 3. Cardboard - Clean Corrugated (OCC) | | 46.6 | | | | | | |
| 4. Cardboard - Gable Top & Aseptic | | 7.8 | | | | | | |
| 5. Cardboard - Other | | 11.5 | | | | | | |
| 6. Plastic - HDPE | | 16.9 | | | | | | |
| 7. Plastic - PET | | 12.1 | | | | | | |
| 8. Plastic - PVC | | – | | | | | | |
| 9. Plastic - Bags & Stretch Film | | 30.5 | | | | | | |
| 10. Plastic - Other | | 17.3 | | | | | | |
| 11. Organic Material - Yard Waste | | 7.2 | | | | | | |
| 12. Organic Material - Food Waste | | 14.2 - 14.2 | | | | | | |
| 13. Organic Material - Other | | 7.5 | | | | | | |
| 14. Electronics / Small Appliances | | (0.6) | | | | | | |
| 15. Ferrous Metals | | 15.3 | | | | | | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 8.0 | | | | | | |
| 17. Non-Ferrous Metal - Other | | 6.5 | | | | | | |
| 18. Glass | | 19.4 | | | | | | |
| 19. Inorganic Material | | 8.5 | | | | | | |
| 20. Household Hazardous Waste | | | | | | | | |
| 21. Solid Wastes Containing Mercury | | (0.1) light bulb (0.4) batteries | | | | | | |

| Top Fines: 6.1 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 25 | | 5 | 70 | | | | | |
| **Bottom Fines: 9.1** | | | food | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 2 | | | 95 | 3 | | | | |
| **Non-Separable Item #1:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22. TEXTILES 12.8

# Load Information Form

| GENERAL INFORMATION: | Sample #: 13 | Date: 4-1-14 | |
|---|---|---|---|
| | Time: 9:09 AM | Person Recording: TR | |
| HAULER INFORMATION: Solberg | Company Name: Solberg | Truck #: — | |
| TYPE OF LOAD: MSW | Residential: ☒ | Industrial: ☐ | Commercial: ☐ Mixed: ☐ |
| ORIGINATION OF TRUCK: Bemidji | Service Area: Bemidji | | |
| MSW LOAD WEIGHT: 40,380 | Incoming Truck Weight (#): 77840 | | |
| | Outgoing Truck Weight (#): 37460 | | |
| | Weight of MSW (#): 40,380 | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 14.4 | |
| 2. Paper - Other | | 51.0 - 46.9 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 27.4 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.2 | |
| 5. Cardboard - Other | | 11.9 | |
| 6. Plastic - HDPE | | 13.5 | |
| 7. Plastic - PET | | 10.7 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 33.2 | |
| 10. Plastic - Other | | 22.0 | |
| 11. Organic Material - Yard Waste | | 12.9 | |
| 12. Organic Material - Food Waste | | 9.3 - 17.2 | |
| 13. Organic Material - Other | | 6.0 | |
| 14. Electronics / Small Appliances | | — | |
| 15. Ferrous Metals | | 8.6 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.8 | |
| 17. Non-Ferrous Metal - Other | | 6.1 | |
| 18. Glass | | 12.6 | |
| 19. Inorganic Material | | 13.8 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | — | |

| Top Fines: 5.4 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 3 | | 2 | 95 | | | | | |

| Bottom Fines: 9.0 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 95 | | | | 5 | |

| Non-Separable Item #1: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22) Textile

18.1

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 14 | | | Date: 4-1-14 | | | | |
| | Time: 10:39 | | | Person Recording: | | | | |
| HAULER INFORMATION: Listrom | Company Name: Listrom | | | Truck #: — | | | | |
| TYPE OF LOAD: MSW | Residential: ☒ Industrial: ☐ Commercial: ☐ Mixed: ☐ | | | | | | | |
| ORIGINATION OF TRUCK: Bagley | Service Area: Bagley | | | | | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): | | | | | | | |
| | Outgoing Truck Weight (#): | | | | | | | |
| | Weight of MSW (#): | | | | | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 12.8 | |
| 2. Paper - Other | | 46.7 - 34.7 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 38.5 | |
| 4. Cardboard - Gable Top & Aseptic | | 5.6 | |
| 5. Cardboard - Other | | 16.4 | |
| 6. Plastic - HDPE | | 10.6 | |
| 7. Plastic - PET | | 13.8 | |
| 8. Plastic - PVC | | | |
| 9. Plastic - Bags & Stretch Film | | 30.0 | |
| 10. Plastic - Other | | 23.5 | |
| 11. Organic Material - Yard Waste | | 7.4 | |
| 12. Organic Material - Food Waste | | 18.9 - 37.7 | |
| 13. Organic Material - Other | | 8.1 | |
| 14. Electronics / Small Appliances | | — (1.5) | |
| 15. Ferrous Metals | | 11.7 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.9 | |
| 17. Non-Ferrous Metal - Other | | 6.5 | |
| 18. Glass | | 5.9 | |
| 19. Inorganic Material | | 19.2 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | — | |

| Top Fines: 9.5 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 20 | | 13 | 65 | | | | | |
| **Bottom Fines: 11.8** | | | food | | | | dirt | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 50 | | | | 50 | |
| **Non-Separable Item #1:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22.7 10.5 11.64

12.5

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 15 | | | | Date: 4-1-14 | | | |
| | Time: 11:25 | | | | Person Recording: TR | | | |
| HAULER INFORMATION: Anderson | Company Name: Anderson Disp. | | | | Truck #: | | | |
| TYPE OF LOAD: mixed MSW | Residential: ☐ | Industrial: ☐ | | Commercial: ☐ | | Mixed: ☒ | | |
| ORIGINATION OF TRUCK: Clear brook | Service Area: north Clearwater | | | | | | | |
| MSW LOAD WEIGHT: 7,040 | Incoming Truck Weight (#): 44460 | | | | | | | |
| | Outgoing Truck Weight (#): 37420 | | | | | | | |
| | Weight of MSW (#): 7,040 | | | | | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 13.7 | |
| 2. Paper - Other | 33.4 | 3.6 34.0 - 1887 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 9.5 7.0 - 2.9 - 32.5 | |
| 4. Cardboard - Gable Top & Aseptic | | 5.7 | |
| 5. Cardboard - Other | | 9.1 | |
| 6. Plastic - HDPE | | 14.1 | |
| 7. Plastic - PET | | 13.2 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 35.5 | |
| 10. Plastic - Other | | 15.0 | |
| 11. Organic Material - Yard Waste | | 5.9 | |
| 12. Organic Material - Food Waste | | 16.3 - 18.8 | |
| 13. Organic Material - Other | | 7.1 | |
| 14. Electronics / Small Appliances | | 0.9 | |
| 15. Ferrous Metals | | 12.0 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.5 | |
| 17. Non-Ferrous Metal - Other | | 6.4 | |
| 18. Glass | | 37.4 - 20.4 | |
| 19. Inorganic Material | | 21.2 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | — | |

| Top Fines: 4.2 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 50 | | 40 | 10 | | | | | |

| Bottom Fines: 8.2 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 100 | | | | | |

| Non-Separable Item #1: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22) TEXTILES

10.8

# Load Information Form

| | | | | |
|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 16 | | Date: 1-4-14 | |
| | Time: 11:48 | | Person Recording: TR | |
| HAULER INFORMATION: Solberg | Company Name: Paul Solberg | | Truck #: | |
| TYPE OF LOAD: mixed MSW | Residential: ☐ Industrial: ☐ | | Commercial: ☐ Mixed: ☒ | |
| ORIGINATION OF TRUCK: Bemidji | Service Area: Bi-Beltrami Co. | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): 80 800 | | | |
| | Outgoing Truck Weight (#): 38 160 | | | |
| h 42,640 | Weight of MSW (#): 42640 | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | 9.7 | 9.7 | |
| 2. Paper - Other | 33.6 - 35.6 | 33.6 - 35.6 | |
| 3. Cardboard - Clean Corrugated (OCC) | 26.7 | 26.7 | |
| 4. Cardboard - Gable Top & Aseptic | | 10.0 | |
| 5. Cardboard - Other | 22.1 | 22.1 | |
| 6. Plastic - HDPE | | 11.3 | |
| 7. Plastic - PET | | 12.9 | |
| 8. Plastic - PVC | | | |
| 9. Plastic - Bags & Stretch Film | | 30.6 | |
| 10. Plastic - Other | | 19.5 | |
| 11. Organic Material - Yard Waste | | 9.1 | |
| 12. Organic Material - Food Waste | | 15.1 - 22.1 | |
| 13. Organic Material - Other | | 6.5 | |
| 14. Electronics / Small Appliances | | (0.7) | |
| 15. Ferrous Metals | | 11.4 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.3 | |
| 17. Non-Ferrous Metal - Other | | 6.3 | |
| 18. Glass | | 11.2 | |
| 19. Inorganic Material | | 29.0 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | (0.2) Batteries (0.1) | |

| Top Fines: 15.9 | | | Food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 30 | | 30 | 35 | 5 | | | | |

| Bottom Fines: 14.3 | | | Food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 97 | 1 | | 2 | | |

| Non-Separable Item #1: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

2.5 Textiles

17.7

# Load Information Form

| | | | |
|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 17 | Date: 4-1-14 | |
| | Time: | Person Recording: TR | |
| HAULER INFORMATION: | Company Name: AS Disposal | Truck #: | |
| TYPE OF LOAD: Mixed MSW | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | |
| ORIGINATION OF TRUCK: Ada | Service Area: norman CO. | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): | | |
| | Outgoing Truck Weight (#): | | |
| | Weight of MSW (#): | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 16.4 | |
| 2. Paper - Other | | 39.4 - 42.2 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 28.8 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.8 | |
| 5. Cardboard - Other | | 11.6 | |
| 6. Plastic - HDPE | | 12.8 | |
| 7. Plastic - PET | | ~~12.8~~ 11.7 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 33.2 | |
| 10. Plastic - Other | | 20.8 | |
| 11. Organic Material - Yard Waste | | (3.2) 6.7 | |
| 12. Organic Material - Food Waste | 11.9 | - 20.6 - 20.0 | |
| 13. Organic Material - Other | | (5.1) 6.6 | |
| 14. Electronics / Small Appliances | | (0.1) | |
| 15. Ferrous Metals | | 10.9 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.4 | |
| 17. Non-Ferrous Metal - Other | | 7.5 | |
| 18. Glass | | 9.3 | |
| 19. Inorganic Material | | 10.9 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | (0.1) Batteries | |

| | % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
|---|---|---|---|---|---|---|---|---|---|
| Top Fines: 7.4 | 5 | | 2 | food 93 | | | | | |
| Bottom Fines: 15.8 | 5 | | | food 95 | | | | | |
| Non-Separable Item #1: | | | | | | | | | |
| Non-Separable Item #2: | | | | | | | | | |

2.) Textiles

15.9

# Load Information Form

| GENERAL INFORMATION: | Sample #: 18 | Date: 4-1-14 |
|---|---|---|
| | Time: 8:16 | Person Recording: TP |
| HAULER INFORMATION: Stahlavy | Company Name: Stahlavy | Truck #: |
| TYPE OF LOAD: MSW | Residential: ☐ Industrial: ☐ | Commercial: ☐ Mixed: ☒ |
| ORIGINATION OF TRUCK: Fertile | Service Area: Fertile | |
| MSW LOAD WEIGHT: 11,360 | Incoming Truck Weight (#): 40780 | |
| | Outgoing Truck Weight (#): 29420 | |
| | Weight of MSW (#): ~~29420~~ 11,360 | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 12.6 | |
| 2. Paper - Other | | 42.9 - 36.3 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 24.1 | |
| 4. Cardboard - Gable Top & Aseptic | | 7.8 | |
| 5. Cardboard - Other | | 9.9 | |
| 6. Plastic - HDPE | | 13.1 | |
| 7. Plastic - PET | | 13.9 | |
| 8. Plastic - PVC | | [illegible] | |
| 9. Plastic - Bags & Stretch Film | | 30.1 | |
| 10. Plastic - Other | | 20.2 | |
| 11. Organic Material - Yard Waste | | 10.4 | |
| 12. Organic Material - Food Waste | | 26.1 - 29.2 | |
| 13. Organic Material - Other | | 9.6 | |
| 14. Electronics / Small Appliances | | — | |
| 15. Ferrous Metals | | 7.7 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 6.8 | |
| 17. Non-Ferrous Metal - Other | | 7.7 | |
| 18. Glass | | 8.0 | |
| 19. Inorganic Material | | 23.7 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | — | |

| Top Fines: 7.5 | | | Good | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 5 | | | 95 | | | | | |

| Bottom Fines: 13.2 | | | Good | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 100% | | | | | |

| Non-Separable Item #1: | | | Good | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | [illegible] | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22) TEXTILES 15.2

# Load Information Form

| | | | |
|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 19 | Date: 4-2-14 | |
| | Time: 8:14 | Person Recording: TR | |
| HAULER INFORMATION: Solberg | Company Name: Solberg | Truck #: | |
| TYPE OF LOAD: MSW | Residential: ☐ Industrial: ☐ | Commercial: ☐ Mixed: ☒ | |
| ORIGINATION OF TRUCK: Bemidji | Service Area: Beltrami Co. | | |
| MSW LOAD WEIGHT: 37,420 | Incoming Truck Weight (#): 75540 | | |
| | Outgoing Truck Weight (#): 38120 | | |
| | Weight of MSW (#): 37420 | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 16.3 | |
| 2. Paper - Other | | 28.7 - 37.3 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 23.2 | |
| 4. Cardboard - Gable Top & Aseptic | | 5.6 | |
| 5. Cardboard - Other | | 10.4 | |
| 6. Plastic - HDPE | | 11.8 | |
| 7. Plastic - PET | | 13.2 | |
| 8. Plastic - PVC | | 12.8 | |
| 9. Plastic - Bags & Stretch Film | | 23.6 | |
| 10. Plastic - Other | | (8.1) (0.7) (0.7) | |
| 11. Organic Material - Yard Waste | | 38.2 wood (13.7) 9.1 | |
| 12. Organic Material - Food Waste | | 8.9 - 18.4 - (7.5) | |
| 13. Organic Material - Other | | 5.5 | |
| 14. Electronics / Small Appliances | | — | |
| 15. Ferrous Metals | | 9.8 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 6.9 | |
| 17. Non-Ferrous Metal - Other | | 5.8 | |
| 18. Glass | | 11.4 | |
| 19. Inorganic Material | | 22.5 | |
| 20. Household Hazardous Waste | | (03) Latex Paint | |
| 21. Solid Wastes Containing Mercury | | | |

| | % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
|---|---|---|---|---|---|---|---|---|---|
| Top Fines: 2.8 | 5 | | 5 | 90 (food) | | | | | |
| Bottom Fines: 7.0 | 0 | | | 95 | | | 5 | | |
| Non-Separable Item #1: | | | | | | | | | |
| Non-Separable Item #2: | | | | | | | | | |

2) TEXT: IE

23.6 (0.2)

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 20 | | | Date: 4-2-14 | | | | |
| | Time: 8:14 | | | Person Recording: TR | | | | |
| HAULER INFORMATION: Solberg | Company Name: Solberg | | | Truck #: | | | | |
| TYPE OF LOAD: In Sw | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | | | | | | |
| ORIGINATION OF TRUCK: | Service Area: Beltrami Co. | | | | | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): 75540 | | | | | | | |
| | Outgoing Truck Weight (#): 38120 | | | | | | | |
| 37420 | Weight of MSW (#): 37420 | | | | | | | |
| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) | | | | | |
| 1. Paper - Newsprint (ONP) | | 19.0 | | | | | | |
| 2. Paper - Other | | 43.8 - 38.9 - (0.3) | | | | | | |
| 3. Cardboard - Clean Corrugated (OCC) | | 30.3 | | | | | | |
| 4. Cardboard - Gable Top & Aseptic | | 7.7 | | | | | | |
| 5. Cardboard - Other | | 9.2 | | | | | | |
| 6. Plastic - HDPE | | 12.3 | | | | | | |
| 7. Plastic - PET | | 12.2 | | | | | | |
| 8. Plastic - PVC | | (0.4) | | | | | | |
| 9. Plastic - Bags & Stretch Film | | 34.9 | | | | | | |
| 10. Plastic - Other | | 28.3 - 14.4 | | | | | | |
| 11. Organic Material - Yard Waste | | (0.2) - 11.1 | | | | | | |
| 12. Organic Material - Food Waste | | 17.5 - 12.4 | | | | | | |
| 13. Organic Material - Other | | 7.8 | | | | | | |
| 14. Electronics / Small Appliances | | (1.0) | | | | | | |
| 15. Ferrous Metals | | (0.5) 19.3 | | | | | | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.8 | | | | | | |
| 17. Non-Ferrous Metal - Other | | 7.8 | | | | | | |
| 18. Glass | | 10.1 | | | | | | |
| 19. Inorganic Material | | 37.7 | | | | | | |
| 20. Household Hazardous Waste | | (0.5) Small Flashlights | | | | | | |
| 21. Solid Wastes Containing Mercury | | (0.2) Batteries | | | | | | |

| Top Fines: 10.4 | | | board | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 10 | | 5 | 85 | | | | | |

| Bottom Fines: 12.1 | | | food Lot of frozen ice | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 100 | | | | | |

| Non-Separable Item #1: | | | wood | Label paper | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 100 | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22) Textiles

11.4

# Load Information Form

| | | | |
|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 21 | Date: | |
| | Time: 9:30 AM | Person Recording: TR | |
| HAULER INFORMATION: White Eagle | Company Name: White Eagle | Truck #: | |
| TYPE OF LOAD: mixed MSW | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | |
| ORIGINATION OF TRUCK: White Eagle | Service Area: Mahnomen CO. | | |
| MSW LOAD WEIGHT: 17,400 | Incoming Truck Weight (#): 52640 | | |
| | Outgoing Truck Weight (#): 35240 | | |
| | Weight of MSW (#): 17,400 | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 13.2 | |
| 2. Paper - Other | | 35.7-37.7 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 32.2-38.9 | |
| 4. Cardboard - Gable Top & Aseptic | | 5.9 | |
| 5. Cardboard - Other | | 9.9 | |
| 6. Plastic - HDPE | | 12.0 | |
| 7. Plastic - PET | | 18.9 | |
| 8. Plastic - PVC | | | |
| 9. Plastic - Bags & Stretch Film | | 29.4 | |
| 10. Plastic - Other | | 19.3 | |
| 11. Organic Material - Yard Waste | | 8.8 | |
| 12. Organic Material - Food Waste | | 16.6 - 10.9 - 14.6 | |
| 13. Organic Material - Other | | 7.4 | |
| 14. Electronics / Small Appliances | | (0.1) | |
| 15. Ferrous Metals | | 15.1 - (1.3) | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.2 | |
| 17. Non-Ferrous Metal - Other | | 6.9 | |
| 18. Glass | | 11.1 | |
| 19. Inorganic Material | | 13.9 | |
| 20. Household Hazardous Waste | | | |
| 21. Solid Wastes Containing Mercury | | (0.1) Lit Ball | |

| | % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
|---|---|---|---|---|---|---|---|---|---|
| Top Fines: 6.7 | 10 | | 10 | 50 | | | 30 | | |
| Bottom Fines: 9.0 | | | 80 | | | | 20 | | |
| Non-Separable Item #1: | | | | | | | | | |
| Non-Separable Item #2: | | | | | | | | | |

2.) TEXTILES 17.6

# Load Information Form

| GENERAL INFORMATION: | Sample #: 22 | Date: 4-2-14 | |
|---|---|---|---|
| | Time: 11:01 Am | Person Recording: TR | |
| HAULER INFORMATION: Solberg | Company Name: Solbergs | Truck #: | |
| TYPE OF LOAD: mixed msw | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☑ | | |
| ORIGINATION OF TRUCK: Bemidji | Service Area: Beltrami Co. | | |
| MSW LOAD WEIGHT: 42720 | Incoming Truck Weight (#): 79380 | | |
| | Outgoing Truck Weight (#): 36660 | | |
| | Weight of MSW (#): 42,720 | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 10.8 | |
| 2. Paper - Other | | 51.7 - 45.6 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 38.1 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.2 | |
| 5. Cardboard - Other | | 10.6 | |
| 6. Plastic - HDPE | | 12.9 | |
| 7. Plastic - PET | | 13.8 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 38.0 | |
| 10. Plastic - Other | | 25.9 (5.6) | |
| 11. Organic Material - Yard Waste | | 8.5 | |
| 12. Organic Material - Food Waste | | 14.0 - 8.6 | |
| 13. Organic Material - Other | | 7.4 | |
| 14. Electronics / Small Appliances | | (0.5) | |
| 15. Ferrous Metals | | 12.7 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.8 | |
| 17. Non-Ferrous Metal - Other | | 6.9 | |
| 18. Glass | | 10.9 | |
| 19. Inorganic Material | | 24.5 | |
| 20. Household Hazardous Waste | # | 1 Needle (1.2) | |
| 21. Solid Wastes Containing Mercury | | — | |

| Top Fines: 6.7 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 50 | | 20 | | | | 20 | | |

| Bottom Fines: 11.4 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | 20 | dirt 80 | |

| Non-Separable Item #1: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

14.5

# Load Information Form

| | | | | |
|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 23 | | Date: | |
| | Time: | | Person Recording: TP | |
| HAULER INFORMATION: | Company Name: Solberg | | Truck #: | |
| TYPE OF LOAD: | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☐ | | | |
| ORIGINATION OF TRUCK: | Service Area: | | | |
| MSW LOAD WEIGHT: 42.720 | Incoming Truck Weight (#): | | | |
| | Outgoing Truck Weight (#): | | | |
| | Weight of MSW (#): 42720 | | | |
| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) | |
| 1. Paper - Newsprint (ONP) | | 11.9 | | |
| 2. Paper - Other | | 35.4 - 38.8 | | |
| 3. Cardboard - Clean Corrugated (OCC) | | 33.2 | | |
| 4. Cardboard - Gable Top & Aseptic | | 6.2 | | |
| 5. Cardboard - Other | | 9.5 - 12.3 | | |
| 6. Plastic - HDPE | | 10.9 | | |
| 7. Plastic - PET | | 14.4 | | |
| 8. Plastic - PVC | | — | | |
| 9. Plastic - Bags & Stretch Film | | 27.9 | | |
| 10. Plastic - Other | | 23.6 - 13.5 | | |
| 11. Organic Material - Yard Waste | | 10.3 | | |
| 12. Organic Material - Food Waste | | 18.9 | | |
| 13. Organic Material - Other | | 8.7 | | |
| 14. Electronics / Small Appliances | | 0.5 | | |
| 15. Ferrous Metals | | 9.6 | | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.9 | | |
| 17. Non-Ferrous Metal - Other | | 7.0 | | |
| 18. Glass | | 17.6 | | |
| 19. Inorganic Material | | 24.7 | | |
| 20. Household Hazardous Waste | | 0.8 Spray deod. | | |
| 21. Solid Wastes Containing Mercury | | 0.2 Battery | | |

Transfer trailers have a lot of dirt in them

| Top Fines: 9.0 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 30 | | 20 | 50 | | | | | |

| Bottom Fines: 16.2 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | Dirt 100 | |

| Non-Separable Item #1: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22) Temp. 18.6

# Load Information Form

| | | | |
|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 24. | Date: 4-2-14 | |
| | Time: 11:23 | Person Recording: TR | |
| HAULER INFORMATION: A1S | Company Name: A1S | Truck #: | |
| TYPE OF LOAD: msw mixed | Residential: ☐ Industrial: ☐ | Commercial: ☐ | Mixed: ☒ |
| ORIGINATION OF TRUCK: Ada | Service Area: Norman CU. | | |
| MSW LOAD WEIGHT: 11,280 | Incoming Truck Weight (#): 45200 | | |
| | Outgoing Truck Weight (#): 33920 | | |
| | Weight of MSW (#): 11,280 | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 14.9 | |
| 2. Paper - Other | | 33.8 - 33.6 | |
| 3. Cardboard - Clean Corrugated (OCC) | | (12.9 (3.6) 41.8 | |
| 4. Cardboard - Gable Top & Aseptic | | 9.3 | |
| 5. Cardboard - Other | | 9.4 | |
| 6. Plastic - HDPE | | 13.2 | |
| 7. Plastic - PET | | 13.4 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 28.0 | |
| 10. Plastic - Other | | 18.7 | |
| 11. Organic Material - Yard Waste | | 6.6 | |
| 12. Organic Material - Food Waste | | 23.1 - 18.2 - 22.2 | |
| 13. Organic Material - Other | | 11.9 | |
| 14. Electronics / Small Appliances | | (6.9) Electronic Air Cleaner | (0.5) |
| 15. Ferrous Metals | | 11.7 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 8.3 | |
| 17. Non-Ferrous Metal - Other | | 6.4 | |
| 18. Glass | | 11.7 | |
| 19. Inorganic Material | | 16.3 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | — | |

| Top Fines: 4.8 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 30 | | 10 | 60 | | | | | |
| **Bottom Fines: 8.8** | | | food | | | | dirt | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 20 | | | | 80 | |
| **Non-Separable Item #1:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

# Load Information Form

| | | | |
|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 25 | Date: 4-2-14 | |
| | Time: 1221 | Person Recording: TR | |
| HAULER INFORMATION: | Company Name: Hasen | Truck #: | |
| TYPE OF LOAD: MSW mixed | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | |
| ORIGINATION OF TRUCK: Fosc Tan | Service Area: Polk Co. | | |
| MSW LOAD WEIGHT: 37,100 | Incoming Truck Weight (#): 75360 | | |
| | Outgoing Truck Weight (#): 38260 | | |
| | Weight of MSW (#): 37100 | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 12.9 | |
| 2. Paper - Other | | 52.5 - 38.3 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 27.0 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.7 | |
| 5. Cardboard - Other | | 8.0 | |
| 6. Plastic - HDPE | | 16.7 | |
| 7. Plastic - PET | | 11.8 | |
| 8. Plastic - PVC | | ~~888~~ - ~~800~~ - | |
| 9. Plastic - Bags & Stretch Film | | 35.4 | |
| 10. Plastic - Other | | 19.6 | |
| 11. Organic Material - Yard Waste | | 8.8 | |
| 12. Organic Material - Food Waste | | 17.2 - 19.9 | |
| 13. Organic Material - Other | | 14.9 | |
| 14. Electronics / Small Appliances | | — | |
| 15. Ferrous Metals | | 10.1 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.0 | |
| 17. Non-Ferrous Metal - Other | | 5.8 | |
| 18. Glass | | 8.0 | |
| 19. Inorganic Material | | 27.7 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | — | |

| | % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
|---|---|---|---|---|---|---|---|---|---|
| Top Fines: 4.5 | 40 | | 40 | food 20 | | | | | |
| Bottom Fines: 16.2 Lots of dirt & gook | | | | | | | | 100 | |
| Non-Separable Item #1: | | | | | | | | | |
| Non-Separable Item #2: | | | | | | | | | |

22) TEXTILES

16.6

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 26 | | | | Date: 4-2-14 | | | |
| | Time: | | | | Person Recording: TR | | | |
| HAULER INFORMATION: | Company Name: Hagen | | | | Truck #: | | | |
| TYPE OF LOAD: MSW | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | | | | | | |
| ORIGINATION OF TRUCK: Fosston | Service Area: Polk Co. | | | | | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): 75360 | | | | | | | |
| | Outgoing Truck Weight (#): 38260 | | | | | | | |
| 37100 | Weight of MSW (#): 37100 | | | | | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 9.4 | |
| 2. Paper - Other | | 36.5 - 36.8 | |
| 3. Cardboard - Clean Corrugated (OCC) | | (5.9) 27.0 - 23.4 | |
| 4. Cardboard - Gable Top & Aseptic | | 7.9 | |
| 5. Cardboard - Other | | 11.2 | |
| 6. Plastic - HDPE | | 11.1 | |
| 7. Plastic - PET | | 16.6 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 37.9 | |
| 10. Plastic - Other | | (8.3) - 20.5 - 14.1 | |
| 11. Organic Material - Yard Waste | | 5.6 | |
| 12. Organic Material - Food Waste | | 17.0 - 8.8 | |
| 13. Organic Material - Other | | 8.9 | |
| 14. Electronics / Small Appliances | | (0.7) | |
| 15. Ferrous Metals | | 10.2 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 9.0 | |
| 17. Non-Ferrous Metal - Other | | 6.5 | |
| 18. Glass | | 6.8 | |
| 19. Inorganic Material | | 22.9 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | — | |

| | % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
|---|---|---|---|---|---|---|---|---|---|
| Top Fines: 7.2 | 20 | | 20 | food 60 | | | | | |
| Bottom Fines: 10.1 | | | | food 50 | | | | 50 | |
| Non-Separable Item #1: | | | | | | | | | |
| Non-Separable Item #2: | | | | | | | | | |

22) TEXTILES

21.0

11.

15
35
50
5
55
5
10
65
17

# Load Information Form

| GENERAL INFORMATION: | Sample #: 27 | Date: 4-2-14 |
|---|---|---|
| | Time: | Person Recording: TR |
| HAULER INFORMATION: | Company Name: Hagen | Truck #: |
| TYPE OF LOAD: MSW | Residential: ☐ Industrial: ☐ | Commercial: ☐ Mixed: ☒ |
| ORIGINATION OF TRUCK: Fosston | Service Area: Polk Co | |
| MSW LOAD WEIGHT: 37100 | Incoming Truck Weight (#): 75360 | |
| | Outgoing Truck Weight (#): 38260 | |
| | Weight of MSW (#): 37100 | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 13.2 | |
| 2. Paper - Other | | 41.8 - 36.3 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 36.5 - 33.8 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.2 | |
| 5. Cardboard - Other | | 13.1 | |
| 6. Plastic - HDPE | | 10.5 | |
| 7. Plastic - PET | | 12.6 - | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 39.5 | |
| 10. Plastic - Other | | 18.9 | |
| 11. Organic Material - Yard Waste | | 5.5 | |
| 12. Organic Material - Food Waste | | 24.0 - 22.1 | |
| 13. Organic Material - Other | | 9.1 | |
| 14. Electronics / Small Appliances | | — | |
| 15. Ferrous Metals | | 10.9 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.8 | |
| 17. Non-Ferrous Metal - Other | | 8.2 | |
| 18. Glass | | 9.9 | |
| 19. Inorganic Material | | ~~20.5~~ 20.5 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | O.D. Batteries | |

| Top Fines: 3.3 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper 25 | % Cardboard | % Plastic 15 | % Organic 50 | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| **Bottom Fines: 8.0** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic 100% | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| **Non-Separable Item #1:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |

22) Textiles 10.8

# Load Information Form

| | | | | |
|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 28 | | Date: 4-3-14 | |
| | Time: 4:41 A.m | | Person Recording: TR | |
| HAULER INFORMATION: | Company Name: Bacon Bray | | Truck #: | |
| TYPE OF LOAD: MSW mixed | Residential: ☐ | Industrial: ☐ | Commercial: ☐ | Mixed: ☒ |
| ORIGINATION OF TRUCK: Erskine | Service Area: Polk CO. | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): 44720 | | | |
| | Outgoing Truck Weight (#): 34600 | | | |
| 10,120 | Weight of MSW (#): 10,120 | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 13.7 | |
| 2. Paper - Other | | 30.6 -36.8 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 28.9 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.4 | |
| 5. Cardboard - Other | | 14.1 | |
| 6. Plastic - HDPE | | 11.2 | |
| 7. Plastic - PET | | 12.1 | |
| 8. Plastic - PVC | | (0.1) | |
| 9. Plastic - Bags & Stretch Film | | 23.9 | |
| 10. Plastic - Other | | 15.4 | |
| 11. Organic Material - Yard Waste | | 8.6 -(5.5) | |
| 12. Organic Material - Food Waste | | 20.3 - 13.3 | |
| 13. Organic Material - Other | | 8.9 | |
| 14. Electronics / Small Appliances | | 7.6 | |
| 15. Ferrous Metals | | 9.6 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.0 | |
| 17. Non-Ferrous Metal - Other | | 8.0 | |
| 18. Glass | | 10.7 | |
| 19. Inorganic Material | | 19.1 -(49.5) | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | — | |

| Top Fines: 5.7 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper 40 | % Cardboard | % Plastic 10 | % Organic 50 | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| **Bottom Fines: 9.1** | | | food | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic 100 | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| **Non-Separable Item #1:** | | | Carp. | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic 100 | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |

22) TEXTILES 14.9

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 29 | | | Date: 4-3-14 | | | | |
| | Time: 1043 | | | Person Recording: TR | | | | |
| HAULER INFORMATION: Solberg | Company Name: Solberg | | | Truck #: | | | | |
| TYPE OF LOAD: mixed MSW | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | | | | | | |
| ORIGINATION OF TRUCK: Bemidji | Service Area: Beltrami Co. | | | | | | | |
| MSW LOAD WEIGHT: 43340 | Incoming Truck Weight (#): 79540 | | | | | | | |
| | Outgoing Truck Weight (#): 36,200 | | | | | | | |
| | Weight of MSW (#): 43340 | | | | | | | |
| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) | | | | | |
| 1. Paper - Newsprint (ONP) | | 9.9 | | | | | | |
| 2. Paper - Other | | 32.6 - 37.9 | | | | | | |
| 3. Cardboard - Clean Corrugated (OCC) | | 36.2 | | | | | | |
| 4. Cardboard - Gable Top & Aseptic | | 5.8 | | | | | | |
| 5. Cardboard - Other | | 10.2 | | | | | | |
| 6. Plastic - HDPE | | 10.7 | | | | | | |
| 7. Plastic - PET | | 13.6 | | | | | | |
| 8. Plastic - PVC | | — | | | | | | |
| 9. Plastic - Bags & Stretch Film | | 35.4 | | | | | | |
| 10. Plastic - Other | | 19.2 | | | | | | |
| 11. Organic Material - Yard Waste | | (4.5) 6.9 | | | | | | |
| 12. Organic Material - Food Waste | | 19.7 - 12.1 | | | | | | |
| 13. Organic Material - Other | | 9.0 | | | | | | |
| 14. Electronics / Small Appliances | | (0.1) | | | | | | |
| 15. Ferrous Metals | | (9.5) 11.6 | | | | | | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.0 | | | | | | |
| 17. Non-Ferrous Metal - Other | | (15.9) 6.9 | | | | | | |
| 18. Glass | | 11.3 | | | | | | |
| 19. Inorganic Material | | 23.2 | | | | | | |
| 20. Household Hazardous Waste | | — | | | | | | |
| 21. Solid Wastes Containing Mercury | | — | | | | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Top Fines: 5.7 | | | food | | | | | |
| % Paper 5 | % Cardboard | % Plastic 3 | % Organic 90 | % Ferrous | % Non-Ferrous | % Glass | % Inorganic 2 | % SWCM |
| Bottom Fines: 12.7 | | | food | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic 80 | % Ferrous | % Non-Ferrous | % Glass | % Inorganic 20 | % SWCM |
| Non-Separable Item #1: 6.9 | | | | | | | dirt | |
| % Paper | % Cardboard | % Plastic | % Organic 20 | % Ferrous | % Non-Ferrous | % Glass | % Inorganic 80 | % SWCM |
| Non-Separable Item #2: | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |

22.) Textile

12.2

# Load Information Form

| | | | |
|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 30 | Date: 4-3-14 | |
| | Time: 1133 | Person Recording: TK | |
| HAULER INFORMATION: C. Strom | Company Name: | Truck #: | |
| TYPE OF LOAD: MSW mixed | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | |
| ORIGINATION OF TRUCK: Bagley | Service Area: Clearwater CO | | |
| MSW LOAD WEIGHT: 7440 | Incoming Truck Weight (#): 28620 | | |
| | Outgoing Truck Weight (#): 21180 | | |
| | Weight of MSW (#): 7440 | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 10.5 - 24.2 | |
| 2. Paper - Other | | 39.8 | |
| 3. Cardboard - Clean Corrugated (OCC) | | (26.8) - 21.3 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.0 | |
| 5. Cardboard - Other | | 9.7 + (4.3) | |
| 6. Plastic - HDPE | | 11.4 | |
| 7. Plastic - PET | | 10.9 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 28.9 | |
| 10. Plastic - Other | | 14.1 | |
| 11. Organic Material - Yard Waste | | 5.6 | |
| 12. Organic Material - Food Waste | | 30.9 - 18.7 - 9.7 | |
| 13. Organic Material - Other | | 6.2 | |
| 14. Electronics / Small Appliances | | 5.9 | |
| 15. Ferrous Metals | | 11.5 + (1.3) | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 6.6 | |
| 17. Non-Ferrous Metal - Other | | 8.0 | |
| 18. Glass | | 20.7 | |
| 19. Inorganic Material | | 13.2 | |
| 20. Household Hazardous Waste | | (0.6) | |
| 21. Solid Wastes Containing Mercury | | 0.1 batteries | |

| Top Fines: 4.4 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper 10 | % Cardboard | % Plastic 5 | % Organic 65 | % Ferrous | % Non-Ferrous | % Glass 20 | % Inorganic | % SWCM |
| **Bottom Fines: 14.2** | | | Soil or Fine | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic 10 | % Ferrous | % Non-Ferrous | % Glass | % Inorganic 90 | % SWCM |
| **Non-Separable Item #1:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |

22) textiles

28.1

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 31 | | | Date: 4-3-14 | | | | |
| | Time: 11:51 | | | Person Recording: TR | | | | |
| HAULER INFORMATION: Anderson | Company Name: Anderson | | | Truck #: | | | | |
| TYPE OF LOAD: MSW mixed | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | | | | | | |
| ORIGINATION OF TRUCK: Clearbrook | Service Area: Clearwater | | | | | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): 46340 | | | | | | | |
| | Outgoing Truck Weight (#): 37300 | | | | | | | |
| 9040 | Weight of MSW (#): 9040 | | | | | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 11.2 | |
| 2. Paper - Other | | 32.7 - 34.1 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 27.2 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.0 | |
| 5. Cardboard - Other | | 9.7 | |
| 6. Plastic - HDPE | | 12.9 | |
| 7. Plastic - PET | | 12.4 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 35.8 20.7 | |
| 10. Plastic - Other | | 21.6 - 12.3 | |
| 11. Organic Material - Yard Waste | | 8.1 | |
| 12. Organic Material - Food Waste | | 15.5 - 17.3 | |
| 13. Organic Material - Other | | 7.1 | |
| 14. Electronics / Small Appliances | | (0.4) | |
| 15. Ferrous Metals | | 21.4 - 10.4 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 8.0 | |
| 17. Non-Ferrous Metal - Other | | 7.7 | |
| 18. Glass | | 16.8 | |
| 19. Inorganic Material | | 30.9 | |
| 20. Household Hazardous Waste | | — | |
| 21. Solid Wastes Containing Mercury | | (0.8) batteries (0.1) | |

| Top Fines: 7.5 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 30 | | 10 | 20 | | | 40 | | |
| **Bottom Fines: 13.7** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | food + CigButts 90 | | | | dirt 10 | |
| **Non-Separable Item #1:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22. Textiles 18.0

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 32 | | | Date: 4-3-14 | | | | |
| | Time: 12:30 | | | Person Recording: TR | | | | |
| HAULER INFORMATION: Hagen | Company Name: Hagen | | | Truck #: | | | | |
| TYPE OF LOAD: msw mixed | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | | | | | | |
| ORIGINATION OF TRUCK: Clackamas | Service Area: Polk Co | | | | | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): | | | | | | | |
| | Outgoing Truck Weight (#): | | | | | | | |
| | Weight of MSW (#): | | | | | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 10.8 | |
| 2. Paper - Other | 32.6 | 27.4 - ~~28.0~~ | |
| 3. Cardboard - Clean Corrugated (OCC) | | (7.4) 25.9 | |
| 4. Cardboard - Gable Top & Aseptic | | 5.9 | |
| 5. Cardboard - Other | | ~~14.8~~ 14.8 | |
| 6. Plastic - HDPE | | 9.8 | |
| 7. Plastic - PET | | 14.0 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 26.0 | |
| 10. Plastic - Other | | (0.4) 24.8 | |
| 11. Organic Material - Yard Waste | | 8.8 | |
| 12. Organic Material - Food Waste | | 19.6 - 20.0 | |
| 13. Organic Material - Other | | 7.7 | |
| 14. Electronics / Small Appliances | | (1.2) | |
| 15. Ferrous Metals | | 14.6 - 10.5 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 8.0 | |
| 17. Non-Ferrous Metal - Other | | 6.1 | |
| 18. Glass | | 13.9 | |
| 19. Inorganic Material | | 21.1 | |
| 20. Household Hazardous Waste | | (24.1) 3 gas Paint | |
| 21. Solid Wastes Containing Mercury | | — | |

| Top Fines: 5.4 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 25 | | 5 | 70 | | | | | |

| Bottom Fines: 9.9 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 70 | | | | 90 | |

| Non-Separable Item #1: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22 Textile

32.3

# Load Information Form

| GENERAL INFORMATION: | Sample #: 33 | Date: 4-3-14 |
|---|---|---|
| | Time: 12:30 | Person Recording: TR |
| HAULER INFORMATION: Hagen | Company Name: Hagen | Truck #: |
| TYPE OF LOAD: mixed MSW | Residential: ☐ Industrial: ☐ | Commercial: ☐ Mixed: ☒ |
| ORIGINATION OF TRUCK: Crookston | Service Area: Polk Co. | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): | |
| | Outgoing Truck Weight (#): | |
| | Weight of MSW (#): | |

3.5
9.3
54.3

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | 15.4 | | |
| 2. Paper - Other | Office Bags of Paper (54.3) | ~~34.5~~ 34.5 - 36.9 | |
| 3. Cardboard - Clean Corrugated (OCC) | | (11.4) 24.4 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.1 | |
| 5. Cardboard - Other | | 12.4 | |
| 6. Plastic - HDPE | | 12.0 | |
| 7. Plastic - PET | | 12.4 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 26.3 | |
| 10. Plastic - Other | | (8.0) 15.8 | |
| 11. Organic Material - Yard Waste | | 6.2 | |
| 12. Organic Material - Food Waste | | 19.0 - 15.3 | |
| 13. Organic Material - Other | | 8.0 | |
| 14. Electronics / Small Appliances | | (0.7) | |
| 15. Ferrous Metals | | 7.8 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 7.9 | |
| 17. Non-Ferrous Metal - Other | | 6.1 | |
| 18. Glass | | 7.9 | |
| 19. Inorganic Material | | 6.5 | |
| 20. Household Hazardous Waste | | (0.5) | |
| 21. Solid Wastes Containing Mercury | | — | |

| Top Fines: 5.0 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 30 | | 20 | 50 | | | | | |
| Bottom Fines: 9.7 | | | | | | | dirt & gunk | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | 100 | |
| Non-Separable Item #1: | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |
| Non-Separable Item #2: | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

2.7 textiles

14.2

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 34 | | | Date: 4-3-14 | | | | |
| | Time: 12:30 | | | Person Recording: TR | | | | |
| HAULER INFORMATION: Hagen | Company Name: Hagen | | | Truck #: | | | | |
| TYPE OF LOAD: mixed msw | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | | | | | | |
| ORIGINATION OF TRUCK: | Service Area: Polk Co. | | | | | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): | | | | | | | |
| | Outgoing Truck Weight (#): | | | | | | | |
| | Weight of MSW (#): | | | | | | | |
| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) | | | | | |
| 1. Paper - Newsprint (ONP) | | 13.9 | | | | | | |
| 2. Paper - Other | | 36.5 - 41.4 | | | | | | |
| 3. Cardboard - Clean Corrugated (OCC) | | 32.9 | | | | | | |
| 4. Cardboard - Gable Top & Aseptic | | 6.7 | | | | | | |
| 5. Cardboard - Other | | 14.5 | | | | | | |
| 6. Plastic - HDPE | | 11.6 | | | | | | |
| 7. Plastic - PET | | 14.0 | | | | | | |
| 8. Plastic - PVC | | — | | | | | | |
| 9. Plastic - Bags & Stretch Film | | 32.3 | | | | | | |
| 10. Plastic - Other | | (10.9) 14.9 | | | | | | |
| 11. Organic Material - Yard Waste | | 6.3 | | | | | | |
| 12. Organic Material - Food Waste | | 14.0 - 23.0 | | | | | | |
| 13. Organic Material - Other | | 5.9 | | | | | | |
| 14. Electronics / Small Appliances | | (9.1) | | | | | | |
| 15. Ferrous Metals | | 8.4 | | | | | | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 8.8 | | | | | | |
| 17. Non-Ferrous Metal - Other | | 6.5 | | | | | | |
| 18. Glass | | 11.8 | | | | | | |
| 19. Inorganic Material | | 24.6 | | | | | | |
| 20. Household Hazardous Waste | | — | | | | | | |
| 21. Solid Wastes Containing Mercury | | (0.2) battery | | | | | | |

| Top Fines: 6.5 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 10 | | 5 | 85 | | | | | |
| **Bottom Fines: 11.2** | | | food - bits of coffee grounds | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 80 | | | | 20 | |
| **Non-Separable Item #1:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22) TEXTILES

23.3

# Load Information Form

| | | | |
|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 35 | Date: 4-3-14 | |
| | Time: 12:38 | Person Recording: TR | |
| HAULER INFORMATION: White Earth | Company Name: White Earth | Truck #: | |
| TYPE OF LOAD: MSW Mixed | Residential: ☐ Industrial: ☐ | Commercial: ☐ | Mixed: ☒ |
| ORIGINATION OF TRUCK: White Earth | Service Area: Mahnomen CO. | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): | | |
| | Outgoing Truck Weight (#): | | |
| | Weight of MSW (#): | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 9.3 | |
| 2. Paper - Other | | 52.8 - 44.5 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 27.3 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.0 | |
| 5. Cardboard - Other | | 12.7 | |
| 6. Plastic - HDPE | | 10.1 | |
| 7. Plastic - PET | | 14.4 | |
| 8. Plastic - PVC | | | |
| 9. Plastic - Bags & Stretch Film | | 28.1 | |
| 10. Plastic - Other | | 26.3 | |
| 11. Organic Material - Yard Waste | | 7.0 | |
| 12. Organic Material - Food Waste | | 38.2 - 17.0 | |
| 13. Organic Material - Other | | 8.8 | |
| 14. Electronics / Small Appliances | | 1.2 | |
| 15. Ferrous Metals | | 10.4 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 6.8 | |
| 17. Non-Ferrous Metal - Other | | 7.2 | |
| 18. Glass | | 10.9 | |
| 19. Inorganic Material | | 24.4 | |
| 20. Household Hazardous Waste | | 0.2 | |
| 21. Solid Wastes Containing Mercury | | — | |

| Top Fines: 14.5 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 20 | | 10 | 70 | | | | | |

| Bottom Fines: 8.9 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 100 | | | | | |

| Non-Separable Item #1: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

2.) Textile

12.3

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 36 | | | Date: 4-4-14 | | | | |
| | Time: | | | Person Recording: TR | | | | |
| HAULER INFORMATION: Stuhaug | Company Name: Stuhaug | | | Truck #: | | | | |
| TYPE OF LOAD: mixed MSW | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | | | | | | |
| ORIGINATION OF TRUCK: Fertile | Service Area: Polk Co. | | | | | | | |
| MSW LOAD WEIGHT: 11560 | Incoming Truck Weight (#): 40480 | | | | | | | |
| | Outgoing Truck Weight (#): 28920 | | | | | | | |
| | Weight of MSW (#): 11560 | | | | | | | |
| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) | | | | | |
| 1. Paper - Newsprint (ONP) | | 10.8 | | | | | | |
| 2. Paper - Other | | 26.5 - 31.4 | | | | | | |
| 3. Cardboard - Clean Corrugated (OCC) | | 43.4 | | | | | | |
| 4. Cardboard - Gable Top & Aseptic | | 6.6 | | | | | | |
| 5. Cardboard - Other | | 15.8 | | | | | | |
| 6. Plastic - HDPE | | 13.0 | | | | | | |
| 7. Plastic - PET | | 12.7 | | | | | | |
| 8. Plastic - PVC | | — | | | | | | |
| 9. Plastic - Bags & Stretch Film | | 31.1 | | | | | | |
| 10. Plastic - Other | | 19.9 | | | | | | |
| 11. Organic Material - Yard Waste | | 8.0 | | | | | | |
| 12. Organic Material - Food Waste | | (7.5) dead Kitty 10.0-19.1 | | | | | | |
| 13. Organic Material - Other | | 10.4 | | | | | | |
| 14. Electronics / Small Appliances | | (6.8) (1.1) | | | | | | |
| 15. Ferrous Metals | | 8.7 | | | | | | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 8.5 | | | | | | |
| 17. Non-Ferrous Metal - Other | | 6.3 | | | | | | |
| 18. Glass | | 9.4 | | | | | | |
| 19. Inorganic Material | | (11.5) 23.4 | | | | | | |
| 20. Household Hazardous Waste | | — | | | | | | |
| 21. Solid Wastes Containing Mercury | | (0.1) batteries | | | | | | |

| Top Fines: 5.8 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 25 | | 10 | 63 | 2 | | | | |
| **Bottom Fines: 11.3** | | | food | | | | dirt | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 10 | | | | 90 | |
| **Non-Separable Item #1:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

(22) Textiles 27.3

# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 37 | | | Date: 4-4-14 | | | | |
| | Time: 8:32 | | | Person Recording: TR | | | | |
| HAULER INFORMATION: Solberg | Company Name: Solberg | | | Truck #: | | | | |
| TYPE OF LOAD: MSW Mixed | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | | | | | | |
| ORIGINATION OF TRUCK: Bemidji | Service Area: Beltrami Co. | | | | | | | |
| MSW LOAD WEIGHT: | Incoming Truck Weight (#): 79860 | | | | | | | |
| | Outgoing Truck Weight (#): 36240 | | | | | | | |
| 43,620 | Weight of MSW (#): 43,620 | | | | | | | |
| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) | | | | | |
| 1. Paper - Newsprint (ONP) | | 14.3 | | | | | | |
| 2. Paper - Other | | 31.2 - 35.2 | | | | | | |
| 3. Cardboard - Clean Corrugated (OCC) | | 30.8 | | | | | | |
| 4. Cardboard - Gable Top & Aseptic | | 6.2 | | | | | | |
| 5. Cardboard - Other | | 12.5 | | | | | | |
| 6. Plastic - HDPE | | 10.3 | | | | | | |
| 7. Plastic - PET | | 13.4 | | | | | | |
| 8. Plastic - PVC | | (0.1) | | | | | | |
| 9. Plastic - Bags & Stretch Film | | 33.4 | | | | | | |
| 10. Plastic - Other | | 23.5 | | | | | | |
| 11. Organic Material - Yard Waste | | 8.9 | | | | | | |
| 12. Organic Material - Food Waste | | 23.0 - 21.6 | | | | | | |
| 13. Organic Material - Other | | 8.9 | | | | | | |
| 14. Electronics / Small Appliances | | (0.2) | | | | | | |
| 15. Ferrous Metals | | 9.4 | | | | | | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 6.8 | | | | | | |
| 17. Non-Ferrous Metal - Other | | 6.1 | | | | | | |
| 18. Glass | | 13.8 | | | | | | |
| 19. Inorganic Material | | 41.1 | | | | | | |
| 20. Household Hazardous Waste | | (0.9) | | | | | | |
| 21. Solid Wastes Containing Mercury | | (0.1 Battery) | | | | | | |

| Top Fines: 6.8 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 10 | | 10 | food 70 | | | 5 | | |

| Bottom Fines: 12.1 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | food 5 | | | | Kitty Litter 95 | |

| Non-Separable Item #1: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

| Non-Separable Item #2: | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22) Textiles 35.0

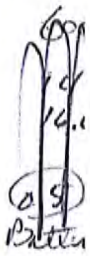
# Load Information Form

| | | | |
|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 38 | Date: 4-4-14 | |
| | Time: 1530 | Person Recording: TR | |
| HAULER INFORMATION: Lanes | Company Name: Lanes | Truck #: | |
| TYPE OF LOAD: msw mixed | Residential: ☐ Industrial: ☐ Commercial: ☐ Mixed: ☒ | | |
| ORIGINATION OF TRUCK: Fosston | Service Area: Fosston Polk | | |
| MSW LOAD WEIGHT: 11,000 | Incoming Truck Weight (#): 42980 | | |
| | Outgoing Truck Weight (#): 31980 | | |
| | Weight of MSW (#): 11,000 | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 16.1 | |
| 2. Paper - Other | | 31.8 - 34.6 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 30.3 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.0 | |
| 5. Cardboard - Other | | 9.8 | |
| 6. Plastic - HDPE | | 11.3 | |
| 7. Plastic - PET | | 16.2 - 11.1 | |
| 8. Plastic - PVC | | | |
| 9. Plastic - Bags & Stretch Film | | 26.5 | |
| 10. Plastic - Other | | 21.0 | |
| 11. Organic Material - Yard Waste | | 5.7 | |
| 12. Organic Material - Food Waste | | 20.8 - 26.4 - 14.5 | |
| 13. Organic Material - Other | | 7.2 | |
| 14. Electronics / Small Appliances | | (0.2) (0.1) | |
| 15. Ferrous Metals | | 8.6 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 6.9 | |
| 17. Non-Ferrous Metal - Other | | 6.5 | |
| 18. Glass | | 14.7 | |
| 19. Inorganic Material | | 19.1 | |
| 20. Household Hazardous Waste | | (0.9) | |
| 21. Solid Wastes Containing Mercury | | (0.2) Batteries | |

| | % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
|---|---|---|---|---|---|---|---|---|---|
| Top Fines: 6.0 | 20 | | 1.5 | food 65 | | | | | |
| Bottom Fines: 9.2 | | | | food 50 | | | | dirt 50 | |
| Non-Separable Item #1: | | | | | | | | | |
| Non-Separable Item #2: | | | | | | | | | |

2) Textiles 26.8



# Load Information Form

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| GENERAL INFORMATION: | Sample #: 39 | | | Date: 4-4-14 | | | | |
| | Time: ~~4~~ 11:11 | | | Person Recording: TR | | | | |
| HAULER INFORMATION: Solberg | Company Name: ~~Waste~~ Solberg | | | Truck #: | | | | |
| TYPE OF LOAD: msw mixed | Residential: ☐ | Industrial: ☐ | Commercial: ☐ | Mixed: ☒ | | | | |
| ORIGINATION OF TRUCK: Bemidji | Service Area: Beltrami Co. | | | | | | | |
| MSW LOAD WEIGHT: 43100 | Incoming Truck Weight (#): 78640 | | | | | | | |
| | Outgoing Truck Weight (#): 35540 | | | | | | | |
| | Weight of MSW (#): 43100 | | | | | | | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 15.0 | |
| 2. Paper - Other | | 35.4 - 37.9 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 29.8 | |
| 4. Cardboard - Gable Top & Aseptic | | 6.1 | |
| 5. Cardboard - Other | | 10.5 | |
| 6. Plastic - HDPE | | 11.2 | |
| 7. Plastic - PET | | 12.9 | |
| 8. Plastic - PVC | | — | |
| 9. Plastic - Bags & Stretch Film | | 32.9 | |
| 10. Plastic - Other | | 21.5 | |
| 11. Organic Material - Yard Waste | | (2.7) 6.4 | |
| 12. Organic Material - Food Waste | | 14.0 - 16.6 | |
| 13. Organic Material - Other | | 10.2 | |
| 14. Electronics / Small Appliances | | (10.9) (3.0) (0.8) | |
| 15. Ferrous Metals | | 11.6 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 6.7 | |
| 17. Non-Ferrous Metal - Other | | 5.9 | |
| 18. Glass | | 13.7 | |
| 19. Inorganic Material | | 18.4 | |
| 20. Household Hazardous Waste | | (3.4) | |
| 21. Solid Wastes Containing Mercury | | (0.5 Battery) (0.4) | |

| Top Fines: ~~10~~ 6.9 | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper 10 | % Cardboard | % Plastic 5 | ~~% Organic~~ Food 85 | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| Bottom Fines: 10.1 | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic 80 | % Ferrous | % Non-Ferrous | % Glass | % Inorganic 20 | % SWCM |
| Non-Separable Item #1: | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| Non-Separable Item #2: | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |

22.) TEXTILES 31.6

# Load Information Form

| GENERAL INFORMATION: | Sample #: 40 | Date: 4-4-14 |
|---|---|---|
| | Time: 1511 | Person Recording: |
| HAULER INFORMATION: Solberg | Company Name: Solberg | Truck #: |
| TYPE OF LOAD: mSw mixed | Residential: ☐ Industrial: ☐ | Commercial: ☐ Mixed: ☒ |
| ORIGINATION OF TRUCK: Bemidji | Service Area: Beltrami Co. | |
| MSW LOAD WEIGHT: 43,100 | Incoming Truck Weight (#): 78640 | |
| | Outgoing Truck Weight (#): 35540 | |
| | Weight of MSW (#): 43,100 | |

| WASTE COMP. INFORMATION: | TARE WEIGHT (#) | GROSS WEIGHT (#) | SAMPLE WEIGHT (#) |
|---|---|---|---|
| 1. Paper - Newsprint (ONP) | | 24.2 | |
| 2. Paper - Other | | 40.3 - 37.9 | |
| 3. Cardboard - Clean Corrugated (OCC) | | 29.9 - 24.0 | |
| 4. Cardboard - Gable Top & Aseptic | | ~~24.0~~ - 5.7 | |
| 5. Cardboard - Other | | 16.3 | |
| 6. Plastic - HDPE | | 11.9 | |
| 7. Plastic - PET | | 14.5 | |
| 8. Plastic - PVC | | 2.3 | |
| 9. Plastic - Bags & Stretch Film | | 32.5 | |
| 10. Plastic - Other | | 22.5 | |
| 11. Organic Material - Yard Waste | | 10.6 | |
| 12. Organic Material - Food Waste | | 21.4 - 16.4 - | |
| 13. Organic Material - Other | | 16.4 | |
| 14. Electronics / Small Appliances | | (0.5) | |
| 15. Ferrous Metals | | 13.0 | |
| 16. Non-Ferrous Metal - Aluminum Cans | | 6.5 | |
| 17. Non-Ferrous Metal - Other | | 6.3 | |
| 18. Glass | | 16.7 | |
| 19. Inorganic Material | | 27.0 | |
| 20. Household Hazardous Waste | | | |
| 21. Solid Wastes Containing Mercury | | (0.2) Batteries | |

| Top Fines: 8.4 | | | food | | | | | |
|---|---|---|---|---|---|---|---|---|
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| 30 | | 20 | 48 | 2 | | | | |
| **Bottom Fines: 11.5** | | | food | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | 50 | | | | 40 | |
| **Non-Separable Item #1:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |
| **Non-Separable Item #2:** | | | | | | | | |
| % Paper | % Cardboard | % Plastic | % Organic | % Ferrous | % Non-Ferrous | % Glass | % Inorganic | % SWCM |
| | | | | | | | | |

22) Text.16

11.2