

# SB 343 Material Characterization Study Revised Preliminary Findings Appendix 1 – Methodological Details & Data Tables

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# Appendix 1: Methodological Details & Data Tables

## Summary of Findings

The following findings are provided separately for each of the two data collection efforts: (1) Collection by Jurisdiction Residential Recycling Programs; and (2) Materials Sorted by LVTPs.

## Overview of Data/Tables by Data Collection Effort:

### Survey of Collection by Jurisdiction Residential Recycling Programs

- Appendix 1, Section 1.1, Table A1: displays the alignment of material subclasses accepted by jurisdictions with residential curbside recycling programs to the SB 343 Material Types and Forms List (see Appendix 1, Section 1.6 for additional information).
- Appendix 1, Section 1.2: displays the survey questions used to obtain information on materials collected by each jurisdiction's recycling program directly from each jurisdiction.
- Appendix 1, Section 1.3: displays CalRecycle's online research secondary survey questions that CalRecycle staff used to obtain information on materials collected by each jurisdiction.
- Appendix 1, Section 2.1, Table D1: displays the results of the jurisdiction survey by both the survey material categories and by SB 343 material types and forms.

### Materials Sorted by LVTPs/Material Characterization Study

- Appendix 1, Section 1.4: displays the questions asked of LVTPs by CalRecycle staff via phone interviews.
- Appendix 1, Section 1.5: displays the designation of counties to a focal region.
- Appendix 1, Section 1.6: displays the sortation list generated for the Material Characterization Study. The list includes outflow material classes, material type and form codes, material type and form names, and material definitions and examples. Appendix 1, Section 1.6 also informs Appendix 1, Section 1.1 (SB 343 Material Type and Form alignment to materials accepted by jurisdictions for residential curbside recycling programs).
- Appendix 1, Section 2.2, Table E1: displays all outflow names, the corresponding number of samples, and number of facilities sampled in the Material Characterization Study.
- Appendix 1, Section 2.2, Table E2: displays proposed sample weights for common outflows targeted by the contracted field team.

- Appendix 1, Section 2.3, Table F1 - F3: displays information on materials sorted by Large Volume Transfer/Processing facilities, with data analysis for inflow-scaled partial coverage of counties, and specified outflows.
- Appendix 1, Section 2.4, Table G1 - G5: displays material types and forms rarely observed, as defined as less than 1% of the outflow, during the Material Characterization Study.
- Appendix 1, Section 2.5, Table H1: displays exempted material types and forms and provides the rationale for their exclusion from the study.
- Appendix 1, Section 2.6, Table I1: displays all material types and forms that met criteria to be classified as “sorted for recycling” and were evaluated for county access to sorting in this study.
- Appendix 1, Section 2.6, Table I2: displays all material types and forms that failed to meet criteria to be classified as “sorted for recycling,” and the cause of exclusion. These material types and forms were not further assessed for county access to sorting in this study.

## Section 1: Methodology

### Section 1.1: Jurisdiction Survey Materials Aligned with SB 343 Material Types and Forms

**Table A1. Alignment of Survey Materials to SB 343 Material Types and Forms**

This crosswalk table translates survey material category responses to SB 343 Material Type and Forms. The first three columns describe each material addressed by survey questions (Column 1: Material Class, Column 2: Material Type, Column 3: Material Form). The last two columns show the most-aligned SB 343 Material Types and Forms for each survey material category (Column 4: SB 343 Material Type and Form Code, Column 5: SB 343 Material Type and Form Name).

| Survey Material Class | Survey Material Type | Survey Material Form   | SB 343 MT&F | Material Type and Form Name                     |
|-----------------------|----------------------|------------------------|-------------|---|
| Glass                 | Glass                | Glass Bottles and Jars | G01         | Glass Containers - Clear/ Flint - non-CRV       |
| Glass                 | Glass                | Glass Bottles and Jars | G02         | Glass Beverage Containers - Clear/Flint - CRV   |
| Glass                 | Glass                | Glass Bottles and Jars | G03         | Glass Containers - Green/ Emerald - non-CRV     |
| Glass                 | Glass                | Glass Bottles and Jars | G04         | Glass Beverage Containers - Green/Emerald - CRV |

| Survey Material Class | Survey Material Type | Survey Material Form  | SB 343 MT&F | Material Type and Form Name                    |
|-----------------------|----------------------|---|-------------|--|
| Glass                 | Glass                | Glass Bottles and Jars  | G05         | Glass Containers - Brown/ Amber - non-CRV      |
| Glass                 | Glass                | Glass Bottles and Jars  | G06         | Glass Beverage Containers - Brown/Amber - CRV  |
| Glass                 | Glass                | Glass Bottles and Jars  | G07         | Glass Containers - Other Colors - non-CRV      |
| Glass                 | Glass                | Glass Bottles and Jars  | G08         | Glass Beverage Containers - Other Colors - CRV |
| Glass                 | Glass                | Other Forms of Glass  | G09         | Remainder/ Composite Glass                     |
| Glass                 | Glass                | Small Glass Items with Two or more sides measuring 2" or less   | X13         | Fines and Residuals                            |
| Ceramic               | Ceramic              | Ceramic   | X06         | Single-Use Ceramic Packaging                   |
| Ceramic               | Ceramic              | Small Ceramic Items with Two or more sides measuring 2" or less | X13         | Fines and Residuals                            |
| Metal                 | Aluminum             | Aluminum Cans, Bottles and Other Non-aerosol Containers         | M01         | Aluminum Cans and Lids - non-CRV               |
| Metal                 | Aluminum             | Aluminum Cans, Bottles and Other Non-aerosol Containers         | M02         | Aluminum Beverage Cans - CRV                   |
| Metal                 | Aluminum             | Aluminum Cans, Bottles and Other Non-aerosol Containers         | M03         | Aluminum Bottles - non-CRV                     |

| Survey Material Class | Survey Material Type | Survey Material Form  | SB 343 MT&F | Material Type and Form Name              |
|-----------------------|----------------------|---|-------------|--|
| Metal                 | Aluminum             | Aluminum Cans, Bottles and Other Non-aerosol Containers       | M04         | Aluminum Bottles for Beverages - CRV     |
| Metal                 | Aluminum             | Aluminum Foil Sheets  | M05         | Aluminum Foil (<3 mm), Sheets            |
| Metal                 | Aluminum             | Aluminum Foil Molded Trays and Containers                     | M06         | Aluminum Foil (>3 mm), Molded Containers |
| Metal                 | Aluminum             | Aluminum Aerosol Cans   | M10         | Tin/Steel or Aluminum Aerosol Containers |
| Metal                 | Aluminum             | Other Forms of Aluminum                                       | M13         | Other Nonferrous Metal                   |
| Metal                 | Tin/Steel/Bimetal    | Tin/Steel/Bimetal Cans and Other Non-aerosol Containers       | M07         | Tin/Steel Cans, Lids - non-CRV           |
| Metal                 | Tin/Steel/Bimetal    | Tin/Steel/Bimetal Cans and Other Non-aerosol Containers       | M08         | Tin/Steel Beverage Containers - CRV      |
| Metal                 | Tin/Steel/Bimetal    | Tin/Steel/Bimetal Cans Aerosol Containers                     | M10         | Tin/Steel or Aluminum Aerosol Containers |
| Metal                 | Tin/Steel/Bimetal    | Other Forms of Tin/Steel/Bimetal                              | M12         | Other Ferrous Metal                      |
| Metal                 | Other Metals         | Other Nonferrous Metal  | M13         | Other Nonferrous Metal                   |
| Metal                 | Other Metals         | Other Ferrous Metal   | M12         | Other Ferrous Metal                      |
| Metal                 | Other Metals         | Small Metal Items with Two or more sides measuring 2" or less | X13         | Fines and Residuals                      |
| Paper and Fiber       | Paper and Fiber      | Kraft Paper   | F05         | Paper Bags and Kraft Paper               |
| Paper and Fiber       | Paper and Fiber      | Molded Fiber  | F08         | Clean Molded Paper Fiber                 |

| <b>Survey Material Class</b> | <b>Survey Material Type</b> | <b>Survey Material Form</b>   | <b>SB 343 MT&amp;F</b> | <b>Material Type and Form Name</b>                             |
|------------------------------|-----------------------------|---|------------------------|--|
| Paper and Fiber              | Paper and Fiber             | Aseptic Cartons   | X03                    | Aseptic Containers - non-CRV                                   |
| Paper and Fiber              | Paper and Fiber             | Aseptic Cartons   | X01                    | Gable-top Cartons/ Aseptics - CRV                              |
| Paper and Fiber              | Paper and Fiber             | Gable-top Cartons   | X02                    | Gable-top Cartons - non-CRV                                    |
| Paper and Fiber              | Paper and Fiber             | Gable-top Cartons   | X01                    | Gable-top Cartons/ Aseptics - CRV                              |
| Paper and Fiber              | Paper and Fiber             | Other Forms of Multi-Material Laminate                              | X05                    | Other Multi-Material Laminate Single-Use                       |
| Paper and Fiber              | Paper and Fiber             | Waxed Cardboard   | F12                    | Remainder/ Composite Fiber                                     |
| Paper and Fiber              | Paper and Fiber             | OCC: Cardboard (Non-Waxed)  | F01                    | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) |
| Paper and Fiber              | Paper and Fiber             | Paperboard  | F06                    | Folded Paper Containers and Other Paperboard Packaging         |
| Paper and Fiber              | Paper and Fiber             | White Paper   | F02                    | White Office-Type Paper and Mail                               |
| Paper and Fiber              | Paper and Fiber             | Other/Mixed Paper   | F03                    | Newspapers/ Newspaper Inserts                                  |
| Paper and Fiber              | Paper and Fiber             | Other/Mixed Paper   | F04                    | Magazines and Catalogs   |
| Paper and Fiber              | Paper and Fiber             | Other/Mixed Paper   | F05                    | Paper Bags and Kraft Paper                                     |
| Paper and Fiber              | Paper and Fiber             | Other/Mixed Paper   | F07                    | Other Mixed Paper  |
| Paper and Fiber              | Paper and Fiber             | Small Paper/Fiber Items with Two or more sides measuring 2" or less | X13                    | Fines and Residuals  |

| Survey Material Class | Survey Material Type                | Survey Material Form   | SB 343 MT&F | Material Type and Form Name           |
|-----------------------|-------------------------------------|--|-------------|---------------------------------------|
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Bottles, Jugs, and Jars (Clear)                         | PL01        | PET Clear Bottles - non-CRV           |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Bottles, Jugs, and Jars (Clear)                         | PL02        | PET Clear Beverage Bottles - CRV      |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Bottles, Jugs, and Jars (Clear)                         | PL06        | Other PET Clear Single-Use Rigids     |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Bottles, Jugs, and Jars (Pigmented/Color)               | PL03        | PET Pigmented Bottles - non-CRV       |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Bottles, Jugs, and Jars (Pigmented/Color)               | PL04        | PET Pigmented Beverage Bottles - CRV  |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Bottles, Jugs, and Jars (Pigmented/Color)               | PL07        | Other PET Pigmented Single-Use Rigids |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs | PL06        | Other PET Clear Single-Use Rigids     |

| Survey Material Class | Survey Material Type                | Survey Material Form   | SB 343 MT&F | Material Type and Form Name                            |
|-----------------------|-------------------------------------|--|-------------|--|
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs | PL07        | Other PET Pigmented Single-Use Rigids                  |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs | PL05        | PET Thermoformed Clamshells and Containers             |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Other Rigid Items (not including containers)            | PL06        | Other PET Clear Single-Use Rigids                      |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Other Rigid Items (not including containers)            | PL07        | Other PET Pigmented Single-Use Rigids                  |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Other Rigid Items (not including containers)            | PL08        | PET Multi-Use Rigids                                   |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Flexible and Film Items                                 | PL33        | Films - Plastic Bags - Designed for Reuse              |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Flexible and Film Items                                 | PL34        | Films - Plastic Non-Bags - Agricultural and Commercial |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Flexible and Film Items                                 | PL35        | Films - Plastic Non-Bags - Other Film                  |
| Plastic               | Polyethylene Terephthalate (PET #1) | PET (#1) Flexible and Film Items                                 | PL36        | Films - Plastic Bags - Designed for Disposal           |

| Survey Material Class | Survey Material Type                | Survey Material Form  | SB 343 MT&F | Material Type and Form Name           |
|-----------------------|-------------------------------------|---|-------------|---------------------------------------|
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Bottles, Jugs, and Jars (Natural)                       | PL09        | HDPE Clear Beverage Bottles - non-CRV |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Bottles, Jugs, and Jars (Natural)                       | PL10        | HDPE Clear Beverage Bottles - CRV     |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Bottles, Jugs, and Jars (Natural)                       | PL13        | Other HDPE Clear Single-Use Rigid     |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Bottles, Jugs, and Jars (Pigmented/Color)               | PL14        | HDPE Pigmented Single-Use Rigid       |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs | PL13        | Other HDPE Clear Single-Use Rigid     |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs | PL14        | HDPE Pigmented Single-Use Rigid       |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Other Rigid Items (not including containers)            | PL11        | HDPE Buckets: Food                    |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Other Rigid Items (not including containers)            | PL12        | HDPE Buckets: non-Food                |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Other Rigid Items (not including containers)            | PL13        | Other HDPE Clear Single-Use Rigid     |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Other Rigid Items (not including containers)            | PL14        | HDPE Pigmented Single-Use Rigid       |

| Survey Material Class | Survey Material Type                | Survey Material Form                                   | SB 343 MT&F | Material Type and Form Name                            |
|-----------------------|-------------------------------------|--|-------------|--|
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Other Rigid Items (not including containers) | PL15        | Other HDPE Multi-Use Rigids                            |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Flexible and Film Items                      | PL33        | Films - Plastic Bags - Designed for Reuse              |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Flexible and Film Items                      | PL34        | Films - Plastic Non-Bags - Agricultural and Commercial |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Flexible and Film Items                      | PL35        | Films - Plastic Non-Bags - Other Film                  |
| Plastic               | High Density Polyethylene (HDPE #2) | HDPE (#2) Flexible and Film Items                      | PL36        | Films - Plastic Bags - Designed for Disposal           |
| Plastic               | Polyvinyl Chloride (PVC #3)         | PVC (#3) Rigid Items                                   | PL16        | PVC Single-Use Rigids                                  |
| Plastic               | Polyvinyl Chloride (PVC #3)         | PVC (#3) Rigid Items                                   | PL17        | PVC Multi-Use  |
| Plastic               | Polyvinyl Chloride (PVC #3)         | PVC (#3) Flexible and Film Items                       | PL33        | Films - Plastic Bags - Designed for Reuse              |
| Plastic               | Polyvinyl Chloride (PVC #3)         | PVC (#3) Flexible and Film Items                       | PL34        | Films - Plastic Non-Bags - Agricultural and Commercial |
| Plastic               | Polyvinyl Chloride (PVC #3)         | PVC (#3) Flexible and Film Items                       | PL35        | Films - Plastic Non-Bags - Other Film                  |
| Plastic               | Polyvinyl Chloride (PVC #3)         | PVC (#3) Flexible and Film Items                       | PL36        | Films - Plastic Bags - Designed for Disposal           |
| Plastic               | Low Density Polyethylene (LDPE #4)  | LDPE (#4) Bottles, Jugs, and Jars                      | PL18        | LDPE Clear Beverage Bottles                            |

| Survey Material Class | Survey Material Type               | Survey Material Form                    | SB 343 MT&F | Material Type and Form Name                            |
|-----------------------|------------------------------------|---|-------------|--|
| Plastic               | Low Density Polyethylene (LDPE #4) | LDPE (#4) Bottles, Jugs, and Jars       | PL19        | LDPE Clear Single-Use Rigids                           |
| Plastic               | Low Density Polyethylene (LDPE #4) | LDPE (#4) Bottles, Jugs, and Jars       | PL20        | LDPE Pigmented Single-Use Rigids                       |
| Plastic               | Low Density Polyethylene (LDPE #4) | LDPE (#4) Other Rigid Items             | PL21        | LDPE Multi-Use   |
| Plastic               | Low Density Polyethylene (LDPE #4) | LDPE (#4) Other Rigid Items             | PL19        | LDPE Clear Single-Use Rigids                           |
| Plastic               | Low Density Polyethylene (LDPE #4) | LDPE (#4) Other Rigid Items             | PL20        | LDPE Pigmented Single-Use Rigids                       |
| Plastic               | Low Density Polyethylene (LDPE #4) | LDPE (#4) Clear Non-Bag Film            | PL34        | Films - Plastic Non-Bags - Agricultural and Commercial |
| Plastic               | Low Density Polyethylene (LDPE #4) | LDPE (#4) Clear Non-Bag Film            | PL35        | Films - Plastic Non-Bags - Other Film                  |
| Plastic               | Low Density Polyethylene (LDPE #4) | LDPE (#4) Other Flexible and Film Items | PL33        | Films - Plastic Bags - Designed for Reuse              |
| Plastic               | Low Density Polyethylene (LDPE #4) | LDPE (#4) Other Flexible and Film Items | PL34        | Films - Plastic Non-Bags - Agricultural and Commercial |
| Plastic               | Low Density Polyethylene (LDPE #4) | LDPE (#4) Other Flexible and Film Items | PL35        | Films - Plastic Non-Bags - Other Film                  |
| Plastic               | Low Density Polyethylene (LDPE #4) | LDPE (#4) Other Flexible and Film Items | PL36        | Films - Plastic Bags - Designed for Disposal           |
| Plastic               | Polypropylene (PP#5)               | PP (#5) Bottles, Jugs, and Jars         | PL22        | PP Clear Single-Use Rigids                             |
| Plastic               | Polypropylene (PP#5)               | PP (#5) Bottles, Jugs, and Jars         | PL23        | PP Pigmented Single-Use Rigids                         |

| Survey Material Class | Survey Material Type | Survey Material Form   | SB 343 MT&F | Material Type and Form Name                            |
|-----------------------|----------------------|--|-------------|--|
| Plastic               | Polypropylene (PP#5) | PP (#5) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs  | PL22        | PP Clear Single-Use Rigids                             |
| Plastic               | Polypropylene (PP#5) | PP (#5) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs  | PL23        | PP Pigmented Single-Use Rigids                         |
| Plastic               | Polypropylene (PP#5) | PP (#5) Utensils   | PL22        | PP Clear Single-Use Rigids                             |
| Plastic               | Polypropylene (PP#5) | PP (#5) Utensils   | PL23        | PP Pigmented Single-Use Rigids                         |
| Plastic               | Polypropylene (PP#5) | PP (#5) Other Rigid Items (not including containers or utensils) | PL22        | PP Clear Single-Use Rigids                             |
| Plastic               | Polypropylene (PP#5) | PP (#5) Other Rigid Items (not including containers or utensils) | PL23        | PP Pigmented Single-Use Rigids                         |
| Plastic               | Polypropylene (PP#5) | PP (#5) Clear Non-Bag Film                                       | PL34        | Films - Plastic Non-Bags - Agricultural and Commercial |
| Plastic               | Polypropylene (PP#5) | PP (#5) Clear Non-Bag Film                                       | PL35        | Films - Plastic Non-Bags - Other Film                  |
| Plastic               | Polypropylene (PP#5) | PP (#5) Other Flexible and Film Items                            | PL33        | Films - Plastic Bags - Designed for Reuse              |
| Plastic               | Polypropylene (PP#5) | PP (#5) Other Flexible and Film Items                            | PL34        | Films - Plastic Non-Bags - Agricultural and Commercial |

| Survey Material Class | Survey Material Type | Survey Material Form   | SB 343 MT&F | Material Type and Form Name                  |
|-----------------------|----------------------|--|-------------|--|
| Plastic               | Polypropylene (PP#5) | PP (#5) Other Flexible and Film Items  | PL35        | Films - Plastic Non-Bags - Other Film        |
| Plastic               | Polypropylene (PP#5) | PP (#5) Other Flexible and Film Items  | PL36        | Films - Plastic Bags - Designed for Disposal |
| Plastic               | Polystyrene (PS #6)  | Expanded Polystyrene Hinged Containers, Plates, Cups, Tubs, Trays, and Other Foamed Containers (PS [#6]) | PL27        | PS Expanded - Packaging                      |
| Plastic               | Polystyrene (PS #6)  | Expanded Polystyrene Hinged Containers, Plates, Cups, Tubs, Trays, and Other Foamed Containers (PS [#6]) | PL28        | PS Expanded - Food Service Ware              |
| Plastic               | Polystyrene (PS #6)  | Other Forms of Expanded Polystyrene (PS [#6])  | PL27        | PS Expanded - Packaging                      |
| Plastic               | Polystyrene (PS #6)  | PS (#6) Utensils   | PL26        | PS Densified: Single-Use Food Service Ware   |
| Plastic               | Polystyrene (PS #6)  | Solid Polystyrene Hinged Containers, Plates, Cups, Tubs, Trays, and Other Solid Forms (PS [#6])          | PL25        | PS Thermoformed Clamshells and Containers    |

| Survey Material Class | Survey Material Type                              | Survey Material Form  | SB 343 MT&F | Material Type and Form Name   |
|-----------------------|---|---|-------------|---|
| Plastic               | Polystyrene (PS #6)                               | Solid Polystyrene Hinged Containers, Plates, Cups, Tubs, Trays, and Other Solid Forms (PS [#6]) | PL26        | PS Densified: Single-Use Food Service Ware                              |
| Plastic               | Polystyrene (PS #6)                               | Solid Polystyrene Hinged Containers, Plates, Cups, Tubs, Trays, and Other Solid Forms (PS [#6]) | PL29        | PS Densified: Multi-Use   |
| Plastic               | Polystyrene (PS #6)                               | PS (#6) Flexible and Film Items   | PL33        | Films - Plastic Bags - Designed for Reuse                               |
| Plastic               | Polystyrene (PS #6)                               | PS (#6) Flexible and Film Items   | PL34        | Films - Plastic Non-Bags - Agricultural and Commercial                  |
| Plastic               | Polystyrene (PS #6)                               | PS (#6) Flexible and Film Items   | PL35        | Films - Plastic Non-Bags - Other Film                                   |
| Plastic               | Polystyrene (PS #6)                               | PS (#6) Flexible and Film Items   | PL36        | Films - Plastic Bags - Designed for Disposal                            |
| Plastic               | Plastics and Polymers Designed for Compostability | Rigid Items from Plastics and Polymers Designed for Compostability                              | PL30        | Other (7) Single-Use Rigid  |
| Plastic               | Plastics and Polymers Designed for Compostability | Rigid Items from Plastics and Polymers Designed for Compostability                              | PL37        | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) |

| Survey Material Class | Survey Material Type                              | Survey Material Form   | SB 343 MT&F | Material Type and Form Name   |
|-----------------------|---|--|-------------|---|
| Plastic               | Plastics and Polymers Designed for Compostability | Flexible and Film Items from Plastics and Polymers Designed for Compostability | PL32        | Films - Plastic Bags - Compostable                                      |
| Plastic               | Multi-Material Laminate                           | Multi-Material Laminate: Pouches and Envelopes                                 | X04         | Mailing Pouches & Shipping Envelopes                                    |
| Plastic               | Multi-Material Laminate                           | Other Forms of Multi-Material Laminate   | X05         | Other Multi-Material Laminate Single-Use                                |
| Plastic               | Other/Mixed Plastics                              | Textiles from Other Plastic  | T01         | Textiles and Clothing   |
| Plastic               | Other/Mixed Plastics                              | Other/Mixed Plastics Rigid Items   | PL37        | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) |
| Plastic               | Other/Mixed Plastics                              | Other/Mixed Plastics Rigid Items   | PL38        | Mixed Plastic Multi-Use   |
| Plastic               | Other/Mixed Plastics                              | Other/Mixed Plastics Rigid Items   | PL30        | Other (7) Single-Use Rigids   |
| Plastic               | Other/Mixed Plastics                              | Other/Mixed Plastics Flexible and Film Items                                   | PL32        | Films - Plastic Bags - Compostable                                      |
| Plastic               | Other/Mixed Plastics                              | Other/Mixed Plastics Flexible and Film Items                                   | PL33        | Films - Plastic Bags - Designed for Reuse                               |
| Plastic               | Other/Mixed Plastics                              | Other/Mixed Plastics Flexible and Film Items                                   | PL34        | Films - Plastic Non-Bags - Agricultural and Commercial                  |
| Plastic               | Other/Mixed Plastics                              | Other/Mixed Plastics Flexible and Film Items                                   | PL35        | Films - Plastic Non-Bags - Other Film                                   |

| Survey Material Class                  | Survey Material Type                   | Survey Material Form   | SB 343 MT&F | Material Type and Form Name                  |
|--|--|--|-------------|--|
| Plastic                                | Other/Mixed Plastics                   | Other/Mixed Plastics Flexible and Film Items   | PL36        | Films - Plastic Bags - Designed for Disposal |
| Plastic                                | Other/Mixed Plastics                   | Other/Mixed Plastics Flexible and Film Items   | PL31        | Plastic Wine Bladders                        |
| Plastic                                | Other/Mixed Plastics                   | Small Plastics Items with Two or more sides measuring 2" or less                     | X13         | Fines and Residuals                          |
| Wood and Other/Mixed Organic Materials | Wood and Other/Mixed Organic Materials | Untreated Wood   | X10         | Green Material, Clean Wood, and Food Scraps  |
| Wood and Other/Mixed Organic Materials | Wood and Other/Mixed Organic Materials | Treated or Painted Wood  | X09         | Treated Wood                                 |
| Wood and Other/Mixed Organic Materials | Wood and Other/Mixed Organic Materials | Non-Synthetic Textiles   | T01         | Textiles and Clothing                        |
| Wood and Other/Mixed Organic Materials | Wood and Other/Mixed Organic Materials | Other/Mixed Organic Items  | X08         | Plant Material Food Service Ware             |
| Wood and Other/Mixed Organic Materials | Wood and Other/Mixed Organic Materials | Other/Mixed Organic Items  | X10         | Green Material, Clean Wood, and Food Scraps  |
| Wood and Other/Mixed Organic Materials | Wood and Other/Mixed Organic Materials | Small Wood and Other/Mixed Organic Items with Two or more sides measuring 2" or less | X13         | Fines and Residuals                          |

## **Section 1.2: Local Jurisdiction Survey Questions**

### **Local Jurisdiction Recycling Collection Survey - Fall 2024**

Thank you for participating in this data collection effort to characterize the types and forms of materials accepted for recycling by residential curbside collection programs.

The survey is structured to start with a short section to collect information about the jurisdiction followed by a small number of questions in each of the 6 (six) sections of the form, organized by Material Class: (1) Glass; (2) Ceramic; (3) Metal; (4) Paper/Fiber; (5) Plastic; and (6) Wood & Other Organics.

CalRecycle staff estimate that this survey will take between 15 and 20 minutes to complete.

#### **Background**

The purpose of this survey is to gather data on materials that are accepted for recycling through residential curbside recycling programs (not including materials collected for composting or organics recycling).

Information gathered as part of this data collection effort will be used to:

- Provide accurate data on curbside collection for CalRecycle programs such as SB 343, Zero Waste Plan, SB 54, and other departmental programs;
- Assist CalRecycle in understanding the opportunities and challenges faced by local jurisdictions related to curbside recycling, and
- Inform new policy and programs.

#### **General Information**

1. Respondent Name *(Respondent was provided a blank fill-in box.)*

2. Which organization do you represent?

E.g. City, County or state agency, waste hauler, etc.

*Please list the full name of your organization. (Respondent was provided a blank fill-in box.)*

3. California jurisdiction(s) do your responses cover?

You can respond to this survey for multiple jurisdictions as long as they have the exact same collection for recycling. List every jurisdiction that your response covers separated by commas. *(Respondent was provided a blank fill-in box.)*

4. May we follow up with you if we have any questions regarding your survey responses? *(radio buttons provided)*

- a. Yes
- b. No

5. Does your jurisdiction have a residential curbside residential recycling program? *(Respondent provided radio buttons to select for below.)*

- a. Yes
- b. No

***If no response:***

6. If no residential curbside recycling programs are available, provide a brief description of any recyclable material collection or drop-off systems that are available to residents within your jurisdiction, excluding services for beverage containers (CRV). *Ex: Depots where residents can drop off cardboard, etc.*

*(Respondent was provided a blank fill-in box.)*

**–End of Survey–**

***If yes response:***

6. What type of residential curbside collection program does your jurisdiction have (i.e., how many collection bins)? (Respondent provided radio buttons to select for below.)

- ☐ 1-bin (mixed waste)
- ☐ 2-bin
- ☐ 3-bin
- ☐ Other

**Glass Material Types Collected for Recycling**

*Note: Complete the following questions with regards to your jurisdiction's residential curbside recycling program. Do not consider organics collection (i.e., green bin) in your responses.*

*If your jurisdiction has more than one hauler or the residential curbside recycling program differs within your jurisdiction, answer in terms of the hauler/collection that serves the largest population.*

7. Which of the following types of **Glass** do you **NOT ACCEPT** in your **residential curbside recycling program**?

*Note: If the jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".*

*(Respondent provided radio buttons to select for "not accepted" below.)*

|  | Not Accepted |
|--|--------------|
| Glass Bottles and Jars   |              |
| Other Forms of Glass   |              |
| Small Glass Items with <i>Two</i> or more sides measuring 2" or less |              |

8. Does the presence of plastic in any Glass items impact whether they are collected for recycling?

*Ex: Glass bottle not accepted for recycling if it has an attached plastic adhesive label.*

(Respondent provided radio buttons to select for below.)

- a. Yes
- b. No

9. If Yes, please list the "Glass" material categories above to which this applies.

Ex: Glass Bottles and Jars.

*(Respondent was provided a blank fill-in box.)*

#### Ceramic Material Types Collected for Recycling

*Note: Complete the following questions with regards to your jurisdiction's residential curbside recycling program. Do not consider organics collection (i.e., green bin) in your responses.*

*If your jurisdiction has more than one hauler or the residential curbside recycling program differs within your jurisdiction, answer in terms of the hauler/collection that serves the largest population.*

10. Which of the following types of **Ceramic** do you **NOT ACCEPT** in your **residential curbside recycling program**?

Note: If the jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".

*(Respondent provided radio buttons to select for "not accepted" below.)*

|  | Not Accepted |
|--|--------------|
| Ceramic  |              |
| Small Ceramic Items - with <i>Two</i> or more sides measuring 2" or less |              |

11. Does the presence of plastic in any Ceramic items impact whether they are collected for recycling?

Ex: Ceramic packaging not accepted for recycling if it has an attached plastic adhesive label.

*(Respondent was provided a blank fill-in box.)*

- a. Yes
- b. No

12. If Yes, please list the "Ceramic" material categories above to which this applies.

Ex: Ceramic.

*(Respondent was provided a blank fill-in box.)*

#### Metal Material Types Collected for Recycling

*Note: Complete the following questions with regards to your jurisdiction's residential curbside recycling program. Do not consider organics collection (i.e., green bin) in your responses.*

*If your jurisdiction has more than one hauler or the residential curbside recycling program differs within your jurisdiction, answer in terms of the hauler/collection that serves the largest population.*

13. Which of the following types of Aluminum do you NOT ACCEPT in your residential curbside recycling program?

*Note: If the jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".*

*(Respondent provided radio buttons to select for "not accepted" below.)*

|  | Not Accepted |
|--|--------------|
| Aluminum Cans, Bottles, and Other Non-aerosol Containers |              |
| Aluminum Foil Sheets                                     |              |
| Aluminum Foil Molded Trays & Containers                  |              |
| Aluminum Aerosol Cans                                    |              |
| Other Forms of Aluminum                                  |              |

14. Which of the following types of Tin/Steel/Bimetal do you NOT ACCEPT in your residential curbside recycling program?

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".*

*(Respondent provided radio buttons to select for "not accepted" below.)*

|  | Not Accepted |
|--|--------------|
| Tin/Steel/Bimetal Cans and Other Non-aerosol Container |              |
| Tin/Steel/Bimetal Aerosol Cans                         |              |
| Other Forms of Tin/Steel/Bimetal                       |              |

15. Which of the following types of Other Metals do you NOT ACCEPT in your residential curbside recycling program?

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".*

*(Respondent provided radio buttons to select for "not accepted" below.)*

|                        | Not Accepted |
|------------------------|--------------|
| Other Nonferrous Metal |              |
| Other Ferrous Metal    |              |

|   |  |
|---|--|
| Small Metal Items with Two or more sides measuring 2" or less |  |
|---|--|

16. Does the presence of plastic in any Metal items impact whether they are collected for recycling?

Ex: Aluminum soap dispenser not collected for recycling if it has a plastic dispensing tube.

*(Respondent was provided a blank fill-in box.)*

- a. Yes
- b. No

17. If Yes, please list the "Metal" material categories above to which this applies.

Ex: Aluminum Foil Sheets; Tin/Steel/Bimetal Non-aerosol containers

*(Respondent was provided a blank fill-in box.)*

#### Paper and Fiber Material Types Collected for Recycling

*Note: Complete the following questions with regards to your jurisdiction's residential curbside recycling program. Do not consider organics collection (i.e., green bin) in your responses.*

*If your jurisdiction has more than one hauler or the residential curbside recycling program differs within your jurisdiction, answer in terms of the hauler/collection that serves the largest population.*

18. Which of the following types of Paper and Fiber do you NOT ACCEPT in your residential curbside recycling program?

Note: If your jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".

*(Respondent provided radio buttons to select for "not accepted" below.)*

|  | Not Accepted |
|--|--------------|
| Kraft Paper                            |              |
| Molded Fiber                           |              |
| Aseptic Containers                     |              |
| Gable-top Cartons                      |              |
| Other Forms of Multi-Material Laminate |              |
| Waxed Cardboard                        |              |
| OCC: Cardboard (Non-Waxed)             |              |
| Paperboard                             |              |
| White Paper                            |              |
| Other/Mixed Paper                      |              |

|   |              |
|---|--------------|
|   | Not Accepted |
| Small Paper/Fiber Items with Two or more sides measuring 2" or less |              |

19. Does the presence of plastic in any Paper and Fiber items impact whether they are collected for recycling?

Ex: Paper envelope not collected for recycling if it has an attached plastic window  
(Respondent was provided a blank fill-in box.)

- a. Yes
- b. No

20. If Yes, please list the "Paper and Fiber" material categories above to which this applies.

Ex: Paperboard; White Paper  
(Respondent was provided a blank fill-in box.)

#### Plastic Material Types Collected for Recycling

*Note: Complete the following questions with regards to your jurisdiction's residential curbside recycling program. Do not consider organics collection (i.e., green bin) in your responses.*

*If your jurisdiction has more than one hauler or the residential curbside recycling program differs within your jurisdiction, answer in terms of the hauler/collection that serves the largest population.*

21. Which of the following types of Polyethylene Terephthalate (PET #1) do you NOT ACCEPT in your residential curbside recycling program?

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".*  
(Respondent was provided a blank fill-in box.)

|  |              |
|--|--------------|
|  | Not Accepted |
| PET (#1) Bottles, Jugs, and Jars (Clear)                         |              |
| PET (#1) Bottles, Jugs, and Jars (Pigmented/Color)               |              |
| PET (#1) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs |              |
| PET (#1) Other Rigid Items (not including containers)            |              |
| PET (#1) Flexible and Film Items                                 |              |

22. Which of the following types of High-Density Polyethylene (HDPE #2) do you NOT ACCEPT in your residential curbside recycling program?

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".*  
*(Respondent provided radio buttons to select for "not accepted" below.)*

|   | Not Accepted |
|---|--------------|
| HDPE (#2) Bottles, Jugs, and Jars (Natural)                       |              |
| HDPE (#2) Bottles, Jugs, and Jars (Pigmented/Color)               |              |
| HDPE (#2) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs |              |
| HDPE (#2) Other Rigid Items (not including containers)            |              |
| HDPE (#2) Flexible and Film Items                                 |              |

23. Which of the following types of Polyvinyl Chloride (PVC #3) do you NOT ACCEPT in your residential curbside recycling program?

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".*  
*(Respondent provided radio buttons to select for "not accepted" below.)*

|                                  | Not Accepted |
|----------------------------------|--------------|
| PVC (#3) Rigid Items             |              |
| PVC (#3) Flexible and Film Items |              |

24. Which of the following types of Low-Density Polyethylene (LDPE #4) do you NOT ACCEPT in your residential curbside recycling program?

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".*  
*(Respondent provided radio buttons to select for "not accepted" below.)*

|   | Not Accepted |
|---|--------------|
| LDPE (#4) Bottles, Jugs, and Jars       |              |
| LDPE (#4) Other Rigid Items             |              |
| LDPE (#4) Clear Non-Bag Film            |              |
| LDPE (#4) Other Flexible and Film Items |              |

25. Which of the following types of Polypropylenes (PP #5) do you NOT ACCEPT in your residential curbside recycling program?

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".*  
*(Respondent provided radio buttons to select for "not accepted" below.)*

|  | Not Accepted |
|--|--------------|
| PP (#5) Bottles, Jugs, and Jars                                  |              |
| PP (#5) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs  |              |
| PP (#5) Utensils   |              |
| PP (#5) Other Rigid Items (not including containers or utensils) |              |
| PP (#5) Clear Non-Bag Film                                       |              |
| PP (#5) Other Flexible and Film Items                            |              |

26. Which of the following types of Polystyrene (PS #6) do you NOT ACCEPT in your residential curbside recycling program?

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".  
(Respondent provided radio buttons to select for "not accepted" below.)*

|  | Not Accepted |
|--|--------------|
| Expanded Polystyrene Hinged Containers, Plates, Cups, Tubs, Trays, and Other Foamed Containers (PS [#6]) |              |
| Other Forms of Expanded Polystyrene (PS [#6])  |              |
| PS (#6) Utensils   |              |
| Solid Polystyrene Hinged Containers, Plates, Cups, Tubs, Trays, and Other Solid Forms (PS (#6))          |              |
| PS (#6) Flexible and Film Items  |              |

27. Which of the following types of Plastics and Polymers Designed for Compostability do you NOT ACCEPT in your residential curbside recycling program?

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".  
(Respondent provided radio buttons to select for "not accepted" below.)*

|  | Not Accepted |
|--|--------------|
| Rigid Items from Plastics and Polymers Designed for Compostability             |              |
| Flexible and Film Items from Plastics and Polymers Designed for Compostability |              |

28. Which of the following types of Multi-Material Laminate items made predominantly of plastic do you NOT ACCEPT in your residential curbside recycling program?

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".  
(Respondent provided radio buttons to select for "not accepted" below.)*

|   |              |
|---|--------------|
|   | Not Accepted |
| Multi-Material Laminate Pouches and Envelopes |              |
| Other Forms of Multi-Material Laminate        |              |

29. Which of the following types of Other/Mixed Plastic do you NOT ACCEPT in your residential curbside recycling program?

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".  
(Respondent provided radio buttons to select for "not accepted" below.)*

|   |              |
|---|--------------|
|   | Not Accepted |
| Textiles from Plastic   |              |
| Other/Mixed Plastic Rigid Items                                   |              |
| Other/Mixed Plastic Flexible and Film Items                       |              |
| Small Plastic Items – with Two or more sides measuring 2" or less |              |

#### Wood and Other Organic Material Types Collected for Recycling

**Note:** Complete the following questions with regards to your jurisdiction's residential curbside recycling program. **Do not consider organics collection (i.e., green bin) in your responses.**

*If your jurisdiction has more than one hauler or the residential curbside recycling program differs within your jurisdiction, answer in terms of the hauler/collection that serves the largest population.*

30. Which of the following types of Wood and Other/Mixed Organic Materials do you NOT ACCEPT in your residential curbside recycling program?

*Note: If the jurisdiction collects any items that fit the description in the left-hand column, do not mark that category as "Not Accepted".  
(Respondent provided radio buttons to select for "not accepted" below.)*

|                           |              |
|---------------------------|--------------|
|                           | Not Accepted |
| Untreated Wood            |              |
| Treated or Painted Wood   |              |
| Non-Synthetic Textiles    |              |
| Other/Mixed Organic Items |              |

|  |              |
|--|--------------|
|  | Not Accepted |
| Small Wood and Other/Mixed Organic Items with Two or more sides measuring 2" or less |              |

31. Does the presence of plastic in any Wood and Other/Mixed Organic Materials items impact whether they are collected for recycling?

Ex: Untreated wooden box not accepted for recycling if it has a plastic face.

(Respondent provided radio buttons to select for below.)

- a. Yes
- b. No

32. If Yes, please list the "Wood and Other/Mixed Organic Materials" material categories above to which this applies.

Ex: Untreated Wood; Other/Mixed Organic Items

(Respondent was provided a blank fill-in box.)

### **Section 1.3: CalRecycle's Supplementary Local Jurisdiction Internet Research Survey Questions**

#### **Department of Resources Recycling and Recovery (CalRecycle) Staff Internal Research Recycling Collection Survey - Fall 2024**

*Following the conclusion of the main survey (local jurisdiction recycling collection survey), CalRecycle staff reviewed the list of nonresponsive jurisdictions. For each, staff members were assigned to fill out the survey based on online content. The version of the survey modified for internal data collection is presented below.*

Thank you for participating in this data collection effort to characterize the types and forms of materials accepted for recycling by residential curbside collection programs.

The survey is structured to start with a short section to collect information about the jurisdiction followed by a small number of questions in each of the 6 (six) sections of the form, organized by Material Class: (1) Glass; (2) Ceramic; (3) Metal; (4) Paper/Fiber; (5) Plastic; and (6) Wood & Other Organics.

Staff estimate that this survey will take ***between 15 and 20 minutes to complete***.

**Background:** The purpose of this survey is to gather data on materials that are accepted for recycling through residential curbside recycling programs ***(not including materials collected for composting or organics recycling)***.

Information gathered as part of this data collection effort will be used to:

- Provide accurate data on curbside collection for CalRecycle programs such as SB 343, Zero Waste Plan, SB 54, and other departmental programs;
- Assist CalRecycle in understanding the opportunities and challenges faced by local jurisdictions related to curbside recycling, and
- Inform new policy and programs.

### General Information

1. Which California jurisdiction do your responses cover? (Respondent was provided a blank fill-in box.)
2. From what URL are you gathering data? (Respondent was provided a blank fill-in box.)

### **Survey Responses**

*For each of the following questions, scan the relevant jurisdiction website and make your best guess as to how the jurisdiction staff would respond.*

3. Does your Jurisdiction have a residential curbside recycling program?  
(Respondent provided radio buttons to select for below.)
  - a. Yes
  - b. No

#### ***If no:***

4. If no residential curbside recycling programs are available, provide a brief description of any recyclable material collection or drop-off systems that are available to residents within your jurisdiction, excluding services for beverage containers (CRV). *Ex: Depots where residents can drop off cardboard, etc.*

*(Respondent was provided a blank fill-in box.)*

### **–End of Survey–**

#### ***If yes:***

4. What type of residential curbside collection program does your jurisdiction have (i.e., how many collection bins)?
  - 1-bin (mixed waste)
  - 2-bin (mixed waste vs. recyclables)
  - 2-bin (mixed waste vs. organics)
  - 3-bin (mixed waste vs. recyclables vs. organics)
  - 4-bin (includes multiple recycling bins)

### Glass Material Types Collected for Recycling

**Note:** Complete the following questions with regards to your jurisdiction's residential curbside recycling program. **Do not consider organics collection (i.e., green bin) in your responses.**

*If your jurisdiction has more than one hauler or the residential curbside recycling program differs within your jurisdiction, answer in terms of the hauler/collection that serves the largest population.*

4. Which of the following types of **Glass** do you accept in your **residential curbside recycling program**?

Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **Glass**, make your best guess based on **images**.

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted". If an item is Accepted but you cannot tell if plastic has an impact, answer "Accepted (Non-plastic and plastic)".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only)", and "Unknown" below.)*

|   | Not Accepted | Accepted (Non-plastic and plastic) | Accepted (Non-plastic only) | Unknown |
|---|--------------|------------------------------------|-----------------------------|---------|
| Glass Bottles and Jars  |              |                                    |                             |         |
| Other Forms of Glass  |              |                                    |                             |         |
| Small Glass Items with Two or more sides measuring 2" or less |              |                                    |                             |         |

#### Ceramic Material Types Collected for Recycling

**Note:** Complete the following questions with regards to your jurisdiction's residential curbside recycling program. **Do not consider organics collection (i.e., green bin) in your responses.**

*If your jurisdiction has more than one hauler or the residential curbside recycling program differs within your jurisdiction, answer in terms of the hauler/collection that serves the largest population.*

5. Which of the following types of **Ceramic** do you accept in your **residential curbside recycling program**?

Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **Ceramic**, make your best guess based on **images**.

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted". If an item is Accepted but you cannot tell if plastic has an impact, answer "Accepted (Non-plastic and plastic)".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only)", and "Unknown" below.)*

|   | Not Accepted | Accepted (Non-plastic and plastic) | Accepted (Non-plastic only) | Unknown |
|---|--------------|------------------------------------|-----------------------------|---------|
| Ceramic   |              |                                    |                             |         |
| Small Ceramic Items with Two or more sides measuring 2" or less |              |                                    |                             |         |

#### Metal Material Types Collected for Recycling

**Note:** Complete the following questions with regards to your jurisdiction's residential curbside recycling program. **Do not consider organics collection (i.e., green bin) in your responses.**

*If your jurisdiction has more than one hauler or the residential curbside recycling program differs within your jurisdiction, answer in terms of the hauler/collection that serves the largest population.*

6. Which of the following types of **Aluminum** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **Aluminum**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted". If an item is Accepted but you cannot tell if plastic has an impact, answer "Accepted (Non-plastic and plastic)".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only), and "Unknown" below.)*

|   | Not Accepted | Accepted (Non-plastic and plastic) | Accepted (Non-plastic only) | Unknown |
|---|--------------|------------------------------------|-----------------------------|---------|
| Aluminum Cans, Bottles and Other Non-aerosol Containers |              |                                    |                             |         |
| Aluminum Foil Sheets                                    |              |                                    |                             |         |

|   | Not Accepted | Accepted (Non-plastic and plastic) | Accepted (Non-plastic only) | Unknown |
|---|--------------|------------------------------------|-----------------------------|---------|
| Aluminum Foil Molded Trays and Containers |              |                                    |                             |         |
| Aluminum Aerosol Cans                     |              |                                    |                             |         |
| Other Forms of Aluminum                   |              |                                    |                             |         |

7. Which of the following types of **Tin/Steel/Bimetal** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **Tin/Steel/Bimetal**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted". If an item is Accepted but you cannot tell if plastic has an impact, answer "Accepted (Non-plastic and plastic)".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only), and "Unknown" below.)*

|   | Not Accepted | Accepted (Non-plastic and plastic) | Accepted (Non-plastic only) | Unknown |
|---|--------------|------------------------------------|-----------------------------|---------|
| Tin/Steel/Bimetal Cans and Other Non-aerosol Containers |              |                                    |                             |         |
| Tin/Steel/Bimetal Aerosol Cans                          |              |                                    |                             |         |
| Other Forms of Tin/Steel/Bimetal                        |              |                                    |                             |         |

8. Which of the following types of **Other Metals** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **Other Metals**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted". If an item is Accepted but you cannot tell if plastic has an impact, answer "Accepted (Non-plastic and plastic)".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only), and "Unknown" below.)*

|   | Not Accepted | Accepted (Non-plastic and plastic) | Accepted (Non-plastic only) | Unknown |
|---|--------------|------------------------------------|-----------------------------|---------|
| Other Nonferrous Metal  |              |                                    |                             |         |
| Other Ferrous Metal   |              |                                    |                             |         |
| Small Metal Items with Two or more sides measuring 2" or less |              |                                    |                             |         |

#### Paper and Fiber Material Types Collected for Recycling

**Note:** Complete the following questions with regards to your jurisdiction's residential curbside recycling program. **Do not consider organics collection (i.e., green bin) in your responses.**

*If your jurisdiction has more than one hauler or the residential curbside recycling program differs within your jurisdiction, answer in terms of the hauler/collection that serves the largest population.*

9. Which of the following types of **Paper and Fiber** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **Paper and Fiber**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted". If an item is Accepted but you cannot tell if plastic has an impact, answer "Accepted (Non-plastic and plastic)".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only), and "Unknown" below.)*

|   | Not Accepted | Accepted (Non-plastic and plastic) | Accepted (Non-plastic only) | Unknown |
|---|--------------|------------------------------------|-----------------------------|---------|
| Kraft Paper   |              |                                    |                             |         |
| Molded Fiber  |              |                                    |                             |         |
| Aseptic Cartons   |              |                                    |                             |         |
| Gable-top Cartons   |              |                                    |                             |         |
| Other Forms of Multi-Material Laminate                              |              |                                    |                             |         |
| Waxed Cardboard   |              |                                    |                             |         |
| OCC: Cardboard (Non-waxed)  |              |                                    |                             |         |
| Paperboard  |              |                                    |                             |         |
| White Paper   |              |                                    |                             |         |
| Other/Mixed Paper   |              |                                    |                             |         |
| Small Paper/Fiber Items with Two or more sides measuring 2" or less |              |                                    |                             |         |

#### Plastic Material Types Collected for Recycling

*Note: Complete the following questions with regards to your jurisdiction's residential curbside recycling program. Do not consider organics collection (i.e., green bin) in your responses.*

*If your jurisdiction has more than one hauler or the residential curbside recycling program differs within your jurisdiction, answer in terms of the hauler/collection that serves the largest population.*

10. Which of the following types of **Polyethylene Terephthalate (PET #1)** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **PET**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only), and "Unknown" below.)*

|  | Not Accepted | Accepted | Unknown |
|--|--------------|----------|---------|
| PET (#1) Bottles, Jugs, and Jars (Clear)                         |              |          |         |
| PET (#1) Bottles, Jugs, and Jars (Pigmented/Color)               |              |          |         |
| PET (#1) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs |              |          |         |
| PET (#1) Other Rigid Items (not including containers)            |              |          |         |
| PET (#1) Flexible and Film Items                                 |              |          |         |

11. Which of the following types of **High Density Polyethylene (HDPE #2)** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **HDPE**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only), and "Unknown" below.)*

|   | Not Accepted | Accepted | Unknown |
|---|--------------|----------|---------|
| HDPE (#2) Bottles, Jugs, and Jars (Natural)                       |              |          |         |
| HDPE (#2) Bottles, Jugs, and Jars (Pigmented/Color)               |              |          |         |
| HDPE (#2) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs |              |          |         |
| HDPE (#2) Other Rigid Items (not including containers)            |              |          |         |
| HDPE (#2) Flexible and Film Items                                 |              |          |         |

12. Which of the following types of **Polyvinyl Chloride (PVC #3)** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **PVC**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only)", and "Unknown" below.)*

|                                  | Not Accepted | Accepted | Unknown |
|----------------------------------|--------------|----------|---------|
| PVC (#3) Rigid Items             |              |          |         |
| PVC (#3) Flexible and Film Items |              |          |         |

13. Which of the following types of **Low Density Polyethylene (LDPE #4)** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **LDPE**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only)", and "Unknown" below.)*

|   | Not Accepted | Accepted | Unknown |
|---|--------------|----------|---------|
| LDPE (#4) Bottles, Jugs, and Jars       |              |          |         |
| LDPE (#4) Other Rigid Items             |              |          |         |
| LDPE (#4) Clear Non-Bag Film            |              |          |         |
| LDPE (#4) Other Flexible and Film Items |              |          |         |

14. Which of the following types of **Polypropylene (PP #5)** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **PP**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only)", and "Unknown" below.)*

|  | Not Accepted | Accepted | Unknown |
|--|--------------|----------|---------|
| PP (#5) Bottles, Jugs, and Jars                                  |              |          |         |
| PP (#5) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs  |              |          |         |
| PP (#5) Utensils   |              |          |         |
| PP (#5) Other Rigid Items (not including containers or utensils) |              |          |         |
| PP (#5) Clear Non-Bag Film                                       |              |          |         |
| PP (#5) Other Flexible and Film Items                            |              |          |         |

15. Which of the following types of **Polystyrene (PS #6)** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **PS**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only), and "Unknown" below.)*

|  | Not Accepted | Accepted | Unknown |
|--|--------------|----------|---------|
| Expanded Polystyrene Hinged Containers, Plates, Cups, Tubs, Trays, and Other Foamed Containers (PS [#6]) |              |          |         |
| Other Forms of Expanded Polystyrene (PS [#6])  |              |          |         |
| PS (#6) Utensils   |              |          |         |
| Solid Polystyrene Hinged Containers, Plates, Cups, Tubs, Trays, and Other Solid Forms (PS [#6])          |              |          |         |
| PS (#6) Flexible and Film Items  |              |          |         |

16. Which of the following types of **Plastics and Polymers Designed for Compostability** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **Plastics and Polymers Designed for Compostability**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted". If an item is Accepted but you cannot tell if plastic has an impact, answer "Accepted (Non-plastic and plastic)".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only), and "Unknown" below.)*

|  | Not Accepted | Accepted | Unknown |
|--|--------------|----------|---------|
| Rigid Items from Plastics and Polymers Designed for Compostability             |              |          |         |
| Flexible and Film Items from Plastics and Polymers Designed for Compostability |              |          |         |

17. Which of the following types of **Multi-Material Laminate items made predominantly of plastic** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **Multi-Material Laminate items**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted". If an item is Accepted but you cannot tell if plastic has an impact, answer "Accepted (Non-plastic and plastic)".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only), and "Unknown" below.)*

|  | Not Accepted | Accepted | Unknown |
|--|--------------|----------|---------|
| Multi-Material Laminate: Pouches and Envelopes |              |          |         |
| Other Forms of Multi-Material Laminate         |              |          |         |

18. Which of the following types of **Other/Mixed Plastics** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **Other/Mixed Plastics**, make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted". If an item is Accepted but you cannot tell if plastic has an impact, answer "Accepted (Non-plastic and plastic)".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only), and "Unknown" below.)*

|  | Not Accepted | Accepted | Unknown |
|--|--------------|----------|---------|
| Textiles from Other Plastic                  |              |          |         |
| Other/Mixed Plastics Rigid Items             |              |          |         |
| Other/Mixed Plastics Flexible and Film Items |              |          |         |

|   | Not Accepted | Accepted | Unknown |
|---|--------------|----------|---------|
| Small Plastic Items with Two or more sides measuring 2" or less |              |          |         |

#### Wood and Other Organic Materials Material Types Collected for Recycling

**Note:** Complete the following questions with regards to your jurisdiction's residential curbside recycling program. **Do not consider organics collection (i.e., green bin) in your responses.**

*If your jurisdiction has more than one hauler or the residential curbside recycling program differs within your jurisdiction, answer in terms of the hauler/collection that serves the largest population.*

19. Which of the following types of **Wood and Other/Mixed Organic Materials** do you accept in your **residential curbside recycling program**?

*Make your best guess based on **words only** on the website. However, if there are **no words** to describe what is accepted for **Wood and Other Organics** make your best guess based on **images**.*

*Note: If your jurisdiction collects any items that fit the description in the left-hand column, round up toward "Accepted". If an item is Accepted but you cannot tell if plastic has an impact, answer "Accepted (Non-plastic and plastic)".*

*(Respondent provided radio buttons to select for "Not Accepted"; "Accepted (Non-plastic and plastic)", "Accepted (Non-Plastic only), and "Unknown" below.)*

|  | Not Accepted | Accepted | Unknown |
|--|--------------|----------|---------|
| Untreated Wood   |              |          |         |
| Treated or Painted Wood  |              |          |         |
| Non-Synthetic Textiles   |              |          |         |
| Other/Mixed Organic Items  |              |          |         |
| Small Wood and Other/Mixed Organic Items with Two or more sides measuring 2" or less |              |          |         |

20. Last One: Any additional URLs you used to answer the questions?

*Separate each URL with a comma.*

*(Respondent was provided a blank fill-in box.)*

#### **Section 1.4: Large Volume Transfer/Processing Facility Survey Questions**

##### **Questions from SB 343 Facility Survey – Phone Survey**

1. Basic facility information
  - a. What is the name of the facility?
  - b. Which facility staff have joined the call?
    - i. What are the staff's roles and contact details?
  - c. What is the location (street address of Material Recovery Facility activities)?
  - d. Who is the facility operator?
2. Material Recovery Facility operations
  - a. Is there a material flow diagram available to share?
  - b. What is the facility's permitted capacity?
    - i. What is the available capacity for potentially recyclable material processing at this facility?
    - ii. What is the actual hourly, daily, or weekly throughput of potentially recyclable material processing at this facility?
  - c. Does the total volume of recyclable material processed per day change over the course of a week?
    - i. Which days of the week does this facility process more recyclable materials?
    - ii. What factors impact how much material is processed per day?
3. Material Recovery Facility Inflows
  - a. Does this facility receive materials from residential curbside programs?
    - i. Is this material mixed waste, commingled, source separated single stream recyclables, source separated dual stream recyclables, or other?
    - ii. From which jurisdictions does this facility receive residential curbside material?
    - iii. Which days of the week does this facility receive residential curbside material?
  - b. Does this facility receive materials from commercial collection, including multi-family residential?
    - i. Is this material mixed waste, commingled, source separated single stream recyclables, source separated dual stream recyclables, or other?
    - ii. From what jurisdictions does this facility receive commercial material?
    - iii. Which days of the week does this facility receive commercial material?
  - c. Does this facility receive any material directly from commercial or other entities that is not processed for recycling, but that is aggregated for sale?
    - i. What types of material are received in this fashion?
  - d. Does this facility receive material from self-haul?
    - i. Is this material mixed waste, commingled, source separated single stream recyclables, source separated dual stream recyclables, or other?
    - ii. Which days of the week does this facility receive self-haul material?

- e. Does this facility receive recyclable materials from redemption centers?
- f. Does this facility perform secondary processing (receive material for further processing that have already been processed at another facility)?
  - i. Which facility pre-processes this material?
  - ii. What specs or grades of this material does this facility receive?
- g. Does this facility receive materials from any other sources?
  - i. What kinds of materials, and from which sources?
- h. What proportion of material inflow comes from each source sector?
- 4. Material Recovery Facility material processing for recycling
  - a. Which technologies and equipment are used for sorting recyclable materials at this facility?
- 5. Material Recovery Facility outflows
  - a. Does this facility regularly aggregate glass for sale or transfer?
    - i. Which specific aggregates of glass are sent for recycling? Is all glass transferred as mixed MRF glass, or are there color-separated streams?
  - b. Does this facility regularly aggregate metal for sale or transfer?
    - i. Which specific bales or aggregates of metal are sent for recycling? What specifications and grades are sent?
  - c. Does this facility regularly aggregate fiber (paper or OCC) for sale?
    - i. Which specific bales or aggregates of fiber are sent for recycling? What specifications and grades are sent?
  - d. Does this facility regularly aggregate plastic for sale?
    - i. Which specific bales of plastic are sent for recycling? What specifications and grades are sent?
  - e. Are there other material types this facility regularly aggregates for sale?
  - f. Does this facility send materials to another facility for secondary processing?
    - i. Which materials are sent for secondary processing?
- 6. Site visit logistics
  - a. What are the facility's weekly operating hours?
    - i. When is the best time for visits from the field team?
  - b. When would be a good day and time to perform a site visit and in-person survey?
  - c. Could sorting personnel access material immediately prior to baling at this facility?
  - d. Are there anticipated shutdown periods during the study season?
  - e. Who is the best point of contact for survey follow-up?

### **Questions from SB 343 Facility Survey – In-Person Survey**

- 1. Material Recovery Facility processing
  - a. Does this facility have any pre-sorting or screening steps, such as floor sorts?
  - b. What types of contamination does this facility encounter in incoming material processed for recycling?
    - i. Contaminant is defined here as anything that causes a safety hazard or that can't be sold in a bale or sorted aggregate

- ii. How does this facility remove the various contaminants?
- c. How does this facility manage rejects and residuals?
- d. What path do potentially recyclable materials take through this facility?
  - i. How is material sorted out?
  - ii. How are sorting technologies integrated through this sorting process?
  - iii. Is the sorting path material-dependent?
- e. What are the primary functions of each technology used in sorting?
  - i. Who are the providers of each technology used?
  - ii. Which materials are sorted using each technology?
- 2. Material Inflows
  - a. What proportion of material inflow comes from each residential jurisdiction over the course of a year?
    - i. Rounded to the nearest 10%
  - b. How do this facility's commercial jurisdiction inflow proportions differ from residential inflow?
- 3. Material Outflows
  - a. What are the destinations for outflows at this facility?
    - i. Including: Material sent to a recycler or broker, or otherwise sold for recycling; recycling lines sent to other parts of facility; secondary processor for additional sorting; landfill; other
  - b. Which aggregates or bales are prepared for sale or transfer after Material Recovery Facility processing?
    - i. Including: MRF glass, aluminum cans, other non-ferrous metal, ferrous metal, OCC (cardboard), mixed paper, mixed HDPE, mixed PET, mixed rigid plastics, #52 carton (aseptic cartons and gable-top)
    - ii. Are any of these aggregates sorted and transferred at a more granular level than described above?
    - iii. What are the estimated tons of each outflow sold for recycling?
    - iv. For each of these aggregates, what is the most common destination of these materials, Year to date/ 2023?
      - 1. Facility name in CA or country if outside CA
  - c. Does this facility ever stockpile processed material until a suitable market is available?
  - d. What types of material are stockpiled?

### **Section 1.5: List of Regions for the Large Volume Transfer/Processing Facility Material Characterization Study**

This table includes a list of each county in California and its assignment to the five regions described in the material characterization study. Counties with an asterisk (\*) were served by at least one Large Volume Transfer/Processing Facility within the survey.

**Table B1. List of California Counties within Each Region**

| <b>Region</b>                    | <b>Counties</b>  |
|----------------------------------|--|
| Central Valley                   | Butte*, Colusa, Fresno*, Glenn*, Kern*, Kings*, Madera*, Merced*, Placer*, Sacramento*, San Joaquin, Shasta*, Stanislaus, Sutter, Tehama, Tulare*, Yolo*, Yuba |
| Coastal                          | Del Norte, Humboldt, Lake*, Mendocino*, Monterey, San Benito, San Luis Obispo, Santa Barbara*, Santa Cruz  |
| Los Angeles and San Diego Basins | Imperial, Los Angeles*, Orange*, Riverside*, San Bernardino*, San Diego*, Ventura*   |
| Mountain                         | Alpine, Amador, Calaveras, El Dorado*, Inyo, Lassen, Mariposa, Modoc, Mono, Nevada, Plumas, Sierra, Siskiyou, Trinity, Tuolumne                                |
| San Francisco Bay Area           | Alameda*, Contra Costa*, Marin*, Napa*, San Francisco*, San Mateo, Santa Clara*, Solano, Sonoma*   |

## Section 1.6: SB 343 Material Types and Forms List

This table describes all material types and forms considered in the Material Characterization Study, which is then connected to the jurisdiction survey accepted materials list (Section 1.1). The first column is Material Class (glass, metal, fiber, household hazardous waste, mixed, plastic, special waste, textiles). The second column gives each material type and form a unique code. And column three is the SB 343 material type and form name. This list is intended to capture all common and identifiable items processed by Large Volume Transfer/Processing Facilities, with greater precision for traditional recyclables. Each material class also includes “remainder/ composite” material type and form for objects not readily identifiable to the level of form. Column four defines the meaning of each material type and form, with a description of the identifiable features of these items. Column five provides examples of expected items within each material type and form and clarifies excluded items.

**Table C1. Material Characterization Sortation List Based on Material Type and Form**

| Material Class | MT&F Code | Material Type and Form (MT&F) Name        | Material Definition  | Examples  |
|----------------|-----------|---|--|---|
| Glass          | G01       | Glass Containers - Clear/ Flint - non-CRV | Glass Containers - Clear/ Flint - non-CRV means clear glass containers other than CRV beverage bottles. Includes containers for food, beverages, or cleaning products. May include the code 70 or GL associated with chasing arrows. Includes whole and broken objects larger than 2 inches that are identifiable as containers but not identifiable as CRV. | Examples include whole or broken clear milk bottles, bottles for drink mixers, other beverage bottles, mayonnaise jars, jam jars, nut butter jars, honey jars, jars of preserved produce, olive oil bottles, salad dressing bottles, hot sauce bottles, clear glass containers for cleaning products. EXCLUDES clear durable glass or specialty glass items such as Pyrex dishes or drinking glasses. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name            | Material Definition  | Examples  |
|----------------|-----------|---|--|---|
| Glass          | G02       | Glass Beverage Containers - Clear/Flint - CRV | Glass Beverage Containers - Clear/Flint - CRV means clear glass containers that display the California Refund Value (CRV) notification. May include the code 70 or GL associated with chasing arrows. Includes only whole bottles clearly identifiable as CRV.   | Examples include whole clear soda bottles, wine bottles, liquor bottles, wine cooler bottles, water bottles, kombucha bottles.  |
| Glass          | G03       | Glass Containers - Green/ Emerald - non-CRV   | Glass Containers - Green/ Emerald - non-CRV means green glass containers other than CRV beverage bottles. Includes containers for food, beverages, or cleaning products. May include the code 70 or GL associated with chasing arrows. Includes whole and broken objects larger than 2 inches that are identifiable as containers but not identifiable as CRV. | Examples include whole or broken beverage bottles, dressing bottles, olive oil bottles, and jars for preserved produce. EXCLUDES durable glass or specialty glass items such as drinking glasses. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name              | Material Definition  | Examples  |
|----------------|-----------|---|--|---|
| Glass          | G04       | Glass Beverage Containers - Green/Emerald - CRV | Glass Beverage Containers - Green/Emerald - CRV means green glass containers that display the CRV notification. May include the code 71 or GL associated with chasing arrows. Includes only whole bottles clearly identifiable as CRV.   | Examples include whole green soda bottles, wine bottles, liquor bottles, beer bottles.  |
| Glass          | G05       | Glass Containers - Brown/ Amber - non-CRV       | Glass Containers - Brown/ Amber - non-CRV means brown glass containers other than CRV beverage bottles. Includes containers for food, beverages, or cleaning products. May include the code 70 or GL associated with chasing arrows. Includes whole and broken objects larger than 2 inches that are identifiable as containers but not identifiable as CRV. | Examples include whole or broken beverage bottles, dressing bottles, olive oil bottles, and jars for preserved produce. EXCLUDES durable glass or specialty glass items such as drinking glasses. |
| Glass          | G06       | Glass Beverage Containers - Brown/Amber - CRV   | Glass Beverage Containers - Brown/Amber - CRV means brown glass containers that display the CRV notification. May include the code 72 or GL associated with chasing arrows. Includes only whole bottles clearly identifiable as CRV.   | Examples include whole brown beer bottles, wine bottles, liquor bottles, soda bottles, kombucha bottles.  |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name             | Material Definition   | Examples  |
|----------------|-----------|--|---|---|
| Glass          | G07       | Glass Containers - Other Colors - non-CRV      | Glass Containers - Other Colors - non-CRV means glass containers of colors other than clear, green, or brown, other than CRV beverage bottles. Includes containers for food, beverages, or cleaning products. May include the code 72 or GL associated with chasing arrows. Includes whole and broken objects larger than 2 inches that are identifiable as containers but not identifiable as CRV. | Examples include whole or broken beverage bottles, dressing bottles, olive oil bottles, and jars for preserved produce. EXCLUDES durable glass or specialty glass items such as drinking glasses. |
| Glass          | G08       | Glass Beverage Containers - Other Colors - CRV | Glass Beverage Containers - Other Colors - CRV means glass containers of other colors that display the CRV notification. May include the codes 73-79 or GL associated with chasing arrows. Includes only whole bottles clearly identifiable as CRV.   | Examples include whole soda bottles, beer bottles, wine bottles, liquor bottles, kombucha bottles, water bottles that are not clear/flint, green/emerald, or brown/amber.                         |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition   | Examples   |
|----------------|-----------|------------------------------------|---|--|
| Glass          | G09       | Remainder/<br>Composite Glass      | Remainder/ Composite Glass means glass that does not fit in any other Material Type and Form, including flat and curved glass, specialty glass, and items made mostly of glass but combined with other materials. May include glass contaminated with stones, dirt, or food waste. Includes whole or broken items. Includes mixed glass cullet, durable glass items, tempered glass, and heat-resistant glass. Includes all broken glass that is not an identifiable container type. May include glass fragments smaller than 2 inches if easily identifiable as glass. | Examples include windowpanes, doors and tabletops, automotive glass, laminated glass, safety glass, Pyrex and kitchen glass, crystal and glass tableware, drinking glasses, mirrors, non-fluorescent light bulbs, laminated glass, mixed glass cullet, broken bottles, windshield fragments, broken glass tableware. |

| Material Class            | MT&F Code | Material Type and Form (MT&F) Name | Material Definition  | Examples  |
|---------------------------|-----------|------------------------------------|--|---|
| Household Hazardous Waste | H01       | Household Hazardous Waste          | Household Hazardous Waste means household hazardous material that cannot be put in any other type. This type also includes household hazardous material that is mixed. Examples include household hazardous waste that, if improperly put in the solid waste stream, may present handling problems or other hazards. Includes battery embedded products. | Examples include paint, used oil, lead-acid (automotive) batteries, other batteries, pharmaceuticals, pesticides and caustic cleaners, sharps, lamps, fluorescent lighting, thermostats and thermometers, electronics with hazardous components including CRT tube TVs, LCD monitors and screens, OLED monitors and screens, computers, printers, cellphones, radios, battery-powered vaping devices, other electronics including batteries, battery-embedded products including battery-embedded greeting cards. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition  | Examples  |
|----------------|-----------|------------------------------------|--|---|
| Metal          | M01       | Aluminum Cans and Lids - non-CRV   | Aluminum Cans and Lids - non-CRV means any can that is made mainly of aluminum, with or without lids attached, other than clearly identifiable CRV cans. May include the number 41 or the code alu within chasing arrows. This subtype does not include bimetal containers with steel sides and aluminum ends. Includes cans that are not clearly identifiable as CRV. | Examples include canned nutritional supplements, protein shakes, pet food cans, meat cans.        |
| Metal          | M02       | Aluminum Beverage Cans - CRV       | Aluminum Beverage Cans - CRV means any beverage container that is made mainly of aluminum, with the CRV notification. May include the number 41 or the code alu within chasing arrows. This subtype does not include bimetal containers with steel sides and aluminum ends.  | Examples include soda cans, beer cans, wine cans, cocktail beverage cans, alcoholic seltzer cans. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name   | Material Definition   | Examples   |
|----------------|-----------|--------------------------------------|---|--|
| Metal          | M03       | Aluminum Bottles - non-CRV           | Aluminum Bottles - non-CRV means any narrow-necked container (or bottle) that is used to package beverages, food, or items such as personal care products, without the CRV notification. May include the number 41 or the code alu within chasing arrows. Any durable containers designed for refill or reuse should be categorized with "Other Nonferrous Metals". Includes aluminum bottles that are not clearly identifiable as CRV. | Examples include olive oil bottles, lotion bottles, shampoo bottles, personal care product bottles, cleaning solution bottles. |
| Metal          | M04       | Aluminum Bottles for Beverages - CRV | Aluminum Bottles for Beverages - CRV means any narrow-necked container (or bottle) that is used to package beverage items, with the CRV notification. May include the number 41 or the code alu within chasing arrows. This subclass does not include durable containers that are designed to be refilled or reused, such as reusable water bottles.  | Examples include water bottles, beer bottles, wine bottles. EXCLUDES durable and reusable metal water bottles.                 |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name       | Material Definition   | Examples  |
|----------------|-----------|--|---|---|
| Metal          | M05       | Aluminum Foil (<3 mm), Sheets            | Aluminum Foil (<3 mm), Sheets means aluminum foil, thickness less than 3 mm, that is generally in the form of a sheet or wrap. This does not include insulated foil wrap or other items that are a mixture of foil and another material type (e.g., fiber).                       | Examples include new and post-consumer foil sheets that are relatively free of food and other contamination. EXCLUDES insulated foil wrap that is a combination of foil and moisture-absorbing paper. |
| Metal          | M06       | Aluminum Foil (>3 mm), Molded Containers | Aluminum Foil (>3 mm), Molded Containers means flexible molded container composed of aluminum foil, thickness is over 3 mm, can be wrinkled or wrinkle-free, usually composed of 8011 aluminum alloy or 3003 aluminum alloy.  | Examples include molded trays that are relatively free of food and other contamination, including takeout containers, food trays, pie plates.   |
| Metal          | M07       | Tin/Steel Cans, Lids - non-CRV           | Tin/Steel Cans, Lids - non-CRV means rigid containers made mostly of steel. These items will stick to a magnet and may be tin-coated. May include the number 40 and the code FE associated with chasing arrows, indicating steel. Includes items not clearly identifiable as CRV. | Examples include soup cans, coffee cans, bimetal containers with steel sides and aluminum ends, lids. EXCLUDES single-use or durable beverage containers.   |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name       | Material Definition  | Examples  |
|----------------|-----------|--|--|---|
| Metal          | M08       | Tin/Steel Beverage Containers - CRV      | Tin/Steel Beverage Containers - CRV means rigid containers made mostly of steel, with the CRV notification. These items will stick to a magnet and may be tin-coated. May include the number 40 and the code FE associated with chasing arrows, indicating steel. Any durable containers designed for refill or reuse should be categorized with "Other Ferrous Metals". | Examples include beverage cans, single-use beverage bottles. EXCLUDES durable and reusable metal water bottles.   |
| Metal          | M09       | Tin/Steel Paint Cans                     | Tin/Steel Paint Cans means rigid cans with or without lids, made mostly of steel. Will stick to a magnet. May include the number 40 and the code FE associated with chasing arrows, indicating steel. May contain dried paint.   | Examples include empty paint cans.  |
| Metal          | M10       | Tin/Steel or Aluminum Aerosol Containers | Tin/Steel or Aluminum Aerosol Containers means rigid cans with aerosol spray top. May include the number 40 and the code FE associated with chasing arrows, indicating steel.  | Examples include empty spray paint containers, empty aerosol personal care products, empty aerosol food products. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name                     | Material Definition   | Examples  |
|----------------|-----------|--|---|---|
| Metal          | M11       | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders means oil filters containing small amounts of contaminated waste oil. Fully drained oil filters may be in crushed form. Also includes disposable propane (or other fuel) gas cylinders.            | Examples include mostly or fully empty automotive, diesel, or internal combustion engine oil filters, whole or crushed. Also includes 1 pound or less propane (or other fuel) gas cylinders. Includes larger fuel cylinders if present. |
| Metal          | M12       | Other Ferrous Metal                                    | Other Ferrous Metal means any iron or steel that is magnetic or any stainless-steel item. This type does not include single-use tin/steel cans or single-use beverage containers.   | Examples include structural steel beams, metal clothes hangers, metal pipes, security bars, scrap ferrous items, reusable stainless steel water bottles, stainless steel utensils and cookware, cast iron cookware.                     |
| Metal          | M13       | Other Nonferrous Metal                                 | Other Nonferrous Metal means any metal item, other than single-use food or beverage cans or aluminum foil, that is not stainless steel and that is not magnetic. These items may be made of aluminum, copper, brass, bronze, lead, zinc, or other metals. | Examples include aluminum window frames, aluminum siding, copper wire, shell casings, brass pipes, license plates, copper or aluminum utensils and cookware.  |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition   | Examples  |
|----------------|-----------|------------------------------------|---|---|
| Metal          | M14       | Remainder/<br>Composite Metal      | Remainder/ Composite Metal means metal that cannot be put in any other type. This type includes items made mostly of metal but combined with other materials and items made of both ferrous metal and non-ferrous metals combined. Includes products whose weight is derived significantly from the metal portion of its construction. Includes food-contaminated metals. Includes metal fragments smaller than two inches if easily identifiable as metal. | Examples include metal appliances, motors, insulated wire, food-soiled metals (such as cookware, cans, and aluminum foil) |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition  | Examples  |
|----------------|-----------|------------------------------------|--|---|
| Mixed          | X01       | Gable-top Cartons/ Aseptics - CRV  | Gable-top Cartons/ Aseptics - CRV means plastic-coated paper-based cartons with a triangular top used for refrigerated and nonrefrigerated items with the CRV notification. Aseptic Containers means bleached polycoated paperboard containers or paper containers with a foil liner of various sizes and shapes that contain shelf-stable food products. For either form, containers may include a plastic pour spout as part of the container. May include the code 84 or C/PAP or PapAI associated with chasing arrows. | Examples include cartons or containers used for wine and spirits. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition  | Examples  |
|----------------|-----------|------------------------------------|--|---|
| Mixed          | X02       | Gable-top Cartons - non-CRV        | Gable-top Cartons - non-CRV means plastic-coated paper-based cartons with a triangular top used for refrigerated and nonrefrigerated items, other than those clearly identifiable as CRV. Containers may include a plastic pour spout as part of the container. May include the code 84 or C/PAP or PapAI associated with chasing arrows. Includes any gable-top cartons not identifiable as CRV.                              | Examples include cartons used for milk, cream, egg substitutes, medical food, and juice, gable-top cartons used for snacks and cereals. |
| Mixed          | X03       | Aseptic Containers - non-CRV       | Aseptic Containers - non-CRV means bleached polycoated paperboard containers or paper containers with a foil liner of various sizes and shapes that contain shelf-stable food products, without the CRV notification. Containers may include a plastic pour spout as part of the container. May include the code 84 or C/PAP or PapAI associated with chasing arrows. Includes any aseptic containers not identifiable as CRV. | Examples include containers for fruit juice, soup, medical food, infant formula, soy/rice/almond/oat milk.                              |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name       | Material Definition   | Examples   |
|----------------|-----------|--|---|--|
| Mixed          | X04       | Mailing Pouches and Shipping Envelopes   | Mailing Pouches and Shipping Envelopes means multilayer pouches and envelopes with different materials for cushioning such as bubble wrap or foam; including paper and plastic layers. Does not include pouches or shipping envelopes that are paper only and do not contain a plastic component.                             | Examples include shipping envelopes or mailing pouches; Amazon mailers, FedEx mailers, UPS mailers, USPS mailers. EXCLUDES shipping envelopes and pouches made exclusively of paper/fiber.   |
| Mixed          | X05       | Other Multi-Material Laminate Single-Use | Other Multi-Material Laminate Single-Use means any multi-material laminate used for food storage, retail display, or other uses. Does not include aseptics, gable-top cartons, fiber-based food service ware, or mailing pouches and shipping envelopes. Includes multi-material laminates not identifiable by primary usage. | Examples include retail display boxes, caulking tubes with laminate layers, small multi-laminate pouches for toys, snacks, condiments, beverages, or seafood. EXCLUDES shipping and mailing pouches, fiber-based food service ware, aseptics, gable-top cartons. |
| Mixed          | X06       | Single-Use Ceramic Packaging             | Single-Use Ceramic Packaging means packaging primarily composed of ceramics or clay. Does not include durable ceramic items.  | Examples include yogurt cups, sake bottles, tequila bottles. May or may not indicate CRV.  |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name          | Material Definition   | Examples   |
|----------------|-----------|---|---|--|
| Mixed          | X08       | Plant Material Food Service Ware            | Plant Material Food Service Ware means bamboo or other plant-based food service ware with the exception of plastics or paper from trees. May indicate compostability in its labeling.   | Examples include bamboo stakes, bamboo single-use bowls, bamboo single-use cups.   |
| Mixed          | X09       | Treated Wood                                | Treated Wood means any wood with chemical additives or layers, such as treated, stained, or painted wood. Clean wood is not included.   | Examples include wood from construction, furniture, or other uses with pressure treatment, stain, or paint. EXCLUDES clean, untreated wood.                  |
| Mixed          | X10       | Green Material, Clean Wood, and Food Scraps | Green Material, Clean Wood, and Food Scraps means green material generally originating from gardens and landscaping, clean wood, natural cork, manures, animal carcasses, and food material. Treated, stained, or painted wood is not included. | Examples include branches, lawn clippings, leaves, clean wood, natural cork, manures, animal carcasses and food. EXCLUDES treated, stained, or painted wood. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition  | Examples   |
|----------------|-----------|------------------------------------|--|--|
| Mixed          | X11       | Mixed Material Single-Use          | Mixed Material Single-Use means single-use items that do not belong in any other subclass that include significant amounts of multiple material classes, such as plastic with metal, or paper with plastic and metal. Includes only material clearly identifiable as single-use. | Examples include plastic bottles with metal caps or ends, plastic tubs with aluminized layers attached as lids, cardboard juice tubes with plastic and metal ends, cardboard snack containers with plastic and metal linings and caps, packaging made from a combination of textiles and plastic, paper packaging with metal bottoms, mixed-material toys, grocery box liner insulation, single-use gel ice packs, masks (including surgical masks, respirators, N95 masks, KN95 masks, etc.). EXCLUDES mailing pouches and shipping envelopes, food service ware, or multilayer laminate items. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name                  | Material Definition   | Examples  |
|----------------|-----------|---|---|---|
| Mixed          | X12       | Remainder/<br>Composite Mixed<br>Material Multi-Use | Remainder/ Composite Mixed Material Multi-Use means any mixed material items intended for more than one use, that are unidentifiable by more specific subclasses. Includes material that cannot be clearly identified as single-use vs. multi-use.          | Examples include knives, treated/painted/stained wood, small non-hazardous electronics, incandescent lightbulbs, LED lighting, pots and pans, ceramic items including dishes, mixed-material items including wood or cork, hardcover books with paper and fabric layers, garden hoses, office supplies including binders, paper notebooks with plastic covers, multi-use ice packs. EXCLUDES bulky items, items which are mostly paper or multi-material laminates. |
| Mixed          | X13       | Fines and Residuals                                 | Fines and Residuals means unidentifiable/ mixed material items less than 2 inches. If material is easily sorted and identifiable (e.g., glass cullet), then it should be placed in the composite subclass for the appropriate material class (e.g., glass). | Examples includes fines, small unidentifiable material, dirt.   |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name                             | Material Definition  | Examples   |
|----------------|-----------|--|--|--|
| Fiber          | F01       | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) means a paper laminate usually composed of three layers. The center wavy layer is sandwiched between the two outer layers. It can be uncoated or have a (glossy) coating on the inside or outside. May include the code 20 or PAP associated with chasing arrows. If coated with waxes or plastics, categorize as Remainder/ Composite Paper. | Examples include cardboard packaging and containers, shipping and moving boxes, computer packaging cartons, sheets and pieces used as dividers in boxes, boxes used for primary packaging of various consumer goods, may include clean molded fiber. EXCLUDES waxed cardboard and paperboard boxes such as cereal or tissue boxes. |
| Fiber          | F02       | White Office-Type Paper and Mail                               | White Office-Type Paper and Mail means white paper used in offices and mail. May or may not have ink on it. Does not include envelopes lined with plastic or bubble wrap. May include the code 22 or PAP associated with chasing arrows. If coated with waxes or plastics, categorize as Remainder/ Composite Paper.   | Examples include bond paper, rag paper, stationary grade paper, photocopy paper, white laser print paper, computer printer paper, letter paper, ruled binder paper, bills/ business forms, white envelopes with or without clear windows, white cardstock.   |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition  | Examples  |
|----------------|-----------|------------------------------------|--|---|
| Fiber          | F03       | Newspapers/<br>Newspaper Inserts   | Newspapers/ Newspaper Inserts means paper used in newspapers and all items made from newsprint. May include the code 22 or PAP associated with chasing arrows.   | Examples include newspapers, free advertising guides, election guides, plain news packing paper, telephone books, directories, real-estate listings, nonglossy mail-order catalogs. |
| Fiber          | F04       | Magazines and Catalogs             | Magazines and Catalogs means multi-page bound items (glued or stapled) made of glossy coated paper. This paper is usually slick, smooth to the touch, and reflects light. May include the code 22 or PAP associated with chasing arrows. | Examples include glossy magazines, catalogs, brochures, pamphlets, glossy inserts found in newspapers.  |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition   | Examples   |
|----------------|-----------|------------------------------------|---|--|
| Fiber          | F05       | Paper Bags and Kraft Paper         | Paper Bags and Kraft Paper means paper bags means bags made from Kraft paper, including grocery bags, and sheets of Kraft paper. The paper may be brown (unbleached) or white (bleached). The paper may also be single layer or multi-layer (multiwall). May include the code 22 or PAP associated with chasing arrows. If coated with waxes or plastics, categorize as Remainder/ Composite Paper. | Examples include paper grocery bags, single-layer paper bags such as lunch bags, multiwall paper bags that do not have a plastic layer incorporated into the bags, heavyweight sheets of Kraft packing paper, manila folders or envelopes. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name                     | Material Definition   | Examples  |
|----------------|-----------|--|---|---|
| Fiber          | F06       | Folded Paper Containers and Other Paperboard Packaging | Folded Paper Containers and Other Paperboard Packaging means paperboard boxes, other than corrugated, which fold and are primarily made of paper with few other materials (e.g. boxes with plastic windows are excluded). These cartons and packaging are typically used as the primary packaging for various products such as breakfast cereals, snack foods, jewelry, tobacco, pharmaceuticals and cosmetics. This also includes nonbox paperboard such as paper tubes for toilet paper. May include the code 21 or PAP associated with chasing arrows. If coated with waxes or plastics, categorize as Remainder/ Composite Paper. | Examples include paperboard boxes such as boxes for breakfast cereals, snack foods, jewelry, tobacco, pharmaceuticals and cosmetics tissue boxes, shoe boxes, detergent boxes, boxes for wine and other beverages with plastic liner removed, paper-based tubes and cores including paper towel tubes and toilet paper tubes. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition  | Examples  |
|----------------|-----------|------------------------------------|--|---|
| Fiber          | F07       | Other Mixed Paper                  | Other Mixed Paper means items made of paper that do not fit into any of the other paper types, but that are generally recyclable or not generally composted. Paper may be bundled and tied. Any bags or bundles of paper should be separated for characterization. Paper may be combined with minor amounts of other materials such as tape, staples, cloth or string binding, glues, or waxes. Includes shredded paper and paper fragments smaller than two inches when easily identifiable as paper. May include the code 22 or PAP associated with chasing arrows. Does not include items with embedded batteries. If fully coated, categorize as Remainder/ Composite Paper. Includes any uncoated paper that cannot be categorized as another fiber type. | Examples include pigmented paper, pigmented stationery grade paper, cardstock, index cards, nontearing paper envelopes, lined or pigmented notebook paper, carbonless forms, thermal fax paper, chipboard, hardcover books with covers removed, paperback books, bagged or bundled shredded paper, greeting cards, paper clothing tags, coupons, paper-only shipping envelopes, school construction paper/ butcher paper, pigmented envelopes for greeting cards, paper gift bags, non-metallic gift wrap, tissue paper for gift wrapping, paper notebooks with paper covers, scrap paper. EXCLUDES items with embedded batteries, including greeting cards with batteries. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name     | Material Definition  | Examples   |
|----------------|-----------|--|--|--|
| Fiber          | F08       | Clean Molded Paper Fiber               | Clean Molded Paper Fiber means clean molded paper fiber packaging for shipping or other non-food uses. If coated, categorize as Remainder/ Composite Paper.  | Examples include molded paper fiber shipping inserts, unused pulp paper plant pots.  |
| Fiber          | F09       | Uncoated Fiber-Based Food Service Ware | Uncoated Fiber-Based Food Service Ware means uncoated fiber-based or paper packaging for food service. Includes molded paper fiber for food service. Does not include a plastic, wax, or other coating. If paper coating is ambiguous, categorize as Composite Food Service Paper and Packaging. | Examples include uncoated paper to-go containers and trays such as for hot cups and meals, uncoated paper plates or cups, pulp paper egg cartons, uncoated pizza boxes, paper towels, napkins, tissues, coffee filters, clay-coated paperboard to-go containers from the CalRecycle List of Approved Food Service Packaging, bakery bags. May include mild food or organics soiling. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name         | Material Definition  | Examples   |
|----------------|-----------|--|--|--|
| Fiber          | F10       | Composite Food Service Paper and Packaging | Composite Food Service Paper and Packaging means food service paper items and packaging that are coated with waxes, plastics, or otherwise lined or combined with additional materials including metals or plastics. May include the code 81 (PapPet) or 84 (C/PAP) associated with chasing arrows. Does not include gable-top cartons or aseptic packaging. | Examples include wax or plastic-coated paper to-go boxes and serving trays, plastic-coated paper frozen food boxes, paper hot cups, paper cold cups, paper straws, coated paper plates including plastic-lined paper microwavable plates, plastic-coated paper food service ware, waxed paper wrappings, ice cream cartons. May include mild food or organics soiling. EXCLUDES gable-top cartons and aseptic paperboard containers. |
| Fiber          | F11       | Uncoated Soiled Fiber Products             | Uncoated Food-Soiled Fiber Products means uncoated items made mostly of paper/fiber that have been significantly contaminated with food or moisture. These items may belong in another material subclass if they are clean or lightly soiled. If lined with plastics or wax coated, categorize with Remainder/ Composite Paper.                              | Examples include any of the following that are heavily food soiled: fast food wrappers, used coffee filters, pizza boxes, napkins, tissues, paper towels. Items soiled with other organics may include napkins, tissues, paper towels, molded fiber plant pots. Includes any fiber heavily contaminated with moisture.   |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition   | Examples  |
|----------------|-----------|------------------------------------|---|---|
| Fiber          | F12       | Remainder/<br>Composite Fiber      | Remainder/ Composite Fiber means items made mostly of paper but combined with large amounts of other materials such as wax, plastic, glues, foil that do not fit into any other material subclass. Any bags or bundles of paper should be separated for characterization. May include the code 81 (PapPet), 82, 83, 84 (C/PAP), or 85 associated with chasing arrows. Does not include multi-layer laminates. | Examples include blueprints, sepia, carbon paper, photographs, sheets of paper stick-on labels, self-adhesive notes, lined butcher paper, receipts or receipt paper, lotto tickets, lotto scratchers, fluorescent colored paper, aluminized paper, plastic-coated paper, PE-coated paper, PLA-coated paper, waxed corrugated cardboard, waxed paper, metallic or plastic-coated gift wrapping paper, hanging file folders, posters and maps, loose shredded paper. EXCLUDES gable-top cartons, aseptic containers, composite food service paper, paper mailing pouches, shipping envelopes, multi-laminate packaging and food service ware, uncoated paper heavily soiled by food or other organic materials. |
| Plastic        | PL01      | PET Clear Bottles - non-CRV        | PET Clear Bottles - non-CRV means clear screw-top bottles that are marked with PET or PETE (1), without the CRV symbol. Includes bottles that cannot be identified as CRV.  | Examples include clear PET bottles for household products such as shampoo, cleaning products, mouthwash, ketchup, and salad dressing, cooking oil.  |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name   | Material Definition  | Examples  |
|----------------|-----------|--------------------------------------|--|---|
| Plastic        | PL02      | PET Clear Beverage Bottles - CRV     | PET Clear Beverage Bottles - CRV means clear bottles for beverages that are marked with PET or PETE (1) and have the CRV symbol.   | Examples include clear PET bottles for soda, water, liquor, and juice.  |
| Plastic        | PL03      | PET Pigmented Bottles - non-CRV      | PET Pigmented Bottles - non-CRV means narrow-necked containers such as screw-top bottles, other than clear bottles, that are marked with PET or PETE (1), without the CRV symbol. Includes bottles that cannot be identified as CRV. | Examples include pigmented PET bottles for household products such as shampoo, cleaning products, mouthwash, ketchup, and salad dressing. |
| Plastic        | PL04      | PET Pigmented Beverage Bottles - CRV | PET Pigmented Beverage Bottles - CRV means bottles for beverages, other than clear bottles, that are marked with PET or PETE (1) and have the CRV symbol.  | Examples include bottles for soda, water, liquor.   |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name         | Material Definition   | Examples   |
|----------------|-----------|--|---|--|
| Plastic        | PL05      | PET Thermoformed Clamshells and Containers | PET Thermoformed Clamshells and Containers means a PET thermoform plastic container that is a clamshell, hinged container (i.e., clamshell-like), or a lidded tub/box, generally used to package food items or other products or used as food service ware. Resin can be of any color, pigmented or clear. These are marked with PET or PETE (1). | Examples include PET clamshell to-go containers, berry containers, plastic tubs used for lettuce, plastic egg cartons, plastic packaging for cupcakes, clamshell packaging for hardware, fasteners, or office supplies.  |
| Plastic        | PL06      | Other PET Clear Single-Use Rigid           | Other PET Clear Single-Use Rigid means clear single-use rigid containers and other single-use items that do not fit in any other subclass that are marked with PET or PETE (1). Includes only material clearly identifiable as single-use.  | Examples include jars and containers for food, nonbottle containers for household products (e.g. shampoo, cleaning products), single-use plastic cold cups, trays, disposable cup lids, pharmaceutical containers (pill vials), toy packaging, custom rigid packaging for small non-food items. EXCLUDES bottles, clamshells, berry containers, plastic egg cartons, other hinged thermoformed containers, thermoformed tubs/boxes, and durable items. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name    | Material Definition  | Examples  |
|----------------|-----------|---------------------------------------|--|---|
| Plastic        | PL07      | Other PET Pigmented Single-Use Rigids | Other PET Pigmented Single-Use Rigids means single-use rigid containers and other single-use items, other than clear resin and other than bottles, that are marked with PET or PETE (1). Includes only material clearly identifiable as single-use.      | Examples include jars and containers for food, containers for household products, single-use plastic cold cups, trays, disposable cup lids, black frozen food trays. EXCLUDES bottles, clamshells, berry containers, plastic egg cartons, other hinged thermoformed containers, thermoformed tubs/boxes, and durable items. |
| Plastic        | PL08      | PET Multi-Use Rigids                  | PET Multi-Use Rigids means durable plastic items that are marked with PET or PETE (1). Does not include durable items that are mixture of plastic and another material. Includes material that cannot be clearly identified as single-use vs. multi-use. | Examples include crates, totes, buckets, tubs, plastic garbage cans, flower pots, lawn furniture, plastic toys and sporting goods, plastic housewares, building materials, engineering moldings.  |
| Plastic        | PL09      | HDPE Clear Beverage Bottles - non-CRV | HDPE Clear Beverage Bottles - non-CRV means containers for beverages that are marked with HDPE (2), without the CRV symbol. The plastic is cloudy white, allowing light to pass through it. Includes bottles that cannot be identified as CRV.           | Examples include beverage containers for milk, medical food, infant formula, or juice, including bottles and jugs for beverages that are not part of the CRV program.   |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition  | Examples   |
|----------------|-----------|------------------------------------|--|--|
| Plastic        | PL10      | HDPE Clear Beverage Bottles - CRV  | HDPE Clear Beverage Bottles - CRV means bottles and jugs for beverages that are marked with HDPE (2), and the CRV symbol. The plastic is cloudy white, allowing light to pass through it.                  | Examples include beverage containers for water, soda, juice, including bottles and jugs.   |
| Plastic        | PL11      | HDPE Buckets: Food                 | HDPE Buckets: Food means over 1-gallon buckets (including 5-gallon buckets) that are marked with HDPE (2), and which previously contained consumable food items.   | Examples include buckets over 1 gallon used for bulk sale and storage of food items. EXCLUDES buckets which previously contained non-food items. |
| Plastic        | PL12      | HDPE Buckets: non-Food             | HDPE Buckets: non-Food means buckets over 1-gallon (including 5-gallon buckets) that are marked with HDPE (2). Includes buckets for which previous contents cannot be clearly defined as food or non-food. | Examples include buckets over 1 gallon used for non-food items. EXCLUDES buckets which clearly previously contained consumable food items.       |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition  | Examples   |
|----------------|-----------|------------------------------------|--|--|
| Plastic        | PL13      | Other HDPE Clear Single-Use Rigids | Other HDPE Clear Single-Use Rigids means clear plastic jars and other rigid containers that are marked HDPE (2). Does not include durable containers or beverage bottles. The plastic is cloudy white, allowing light to pass through it. Includes only material clearly identifiable as single-use. | Examples include jugs, jars, and other containers for food, or for household products (e.g. shampoo and hair care, cleaning products, cosmetics, detergents, bleach) EXCLUDES beverage bottles and durable items.  |
| Plastic        | PL14      | HDPE Pigmented Single-Use Rigids   | HDPE Pigmented Single-Use Rigids means pigmented plastic bottles, jars, and other rigid containers that are marked HDPE (2). Does not include durable containers. The plastic is a solid color, preventing light from passing through it. Includes only material clearly identifiable as single-use. | Examples include pigmented bottles, jugs, jars, and other containers for food, coffee creamer, margarine, cottage cheese, yogurt tubs, tubes for frozen juice, 4- or 6-carriers for aluminum beverage cans, empty medicine bottles, or containers for household products (e.g. shampoo and hair care, cleaning products, cosmetics, detergents, empty motor oil, empty antifreeze, empty vehicle and equipment fluid bottles) EXCLUDES beverage bottles and durable items. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition   | Examples  |
|----------------|-----------|------------------------------------|---|---|
| Plastic        | PL15      | Other HDPE Multi-Use Rigid         | Other HDPE Multi-Use Rigid means durable items that are marked with HDPE (2). Does not include durable items that are mixture of plastic and another material. Includes material that cannot be clearly identified as single-use vs. multi-use. | Examples include crates, totes, tubs, plastic garbage cans, flower pots, lawn furniture, plastic toys and sporting goods, plastic housewares, building materials, reusable shipping crates, plastic wood, wire and cable covering EXCLUDES HDPE buckets, HDPE clearly identifiable as single-use. |
| Plastic        | PL16      | PVC Single-Use Rigid               | PVC Single-Use Rigid means single-use plastic containers of any color that are marked with PVC (3). Does not include durable items such as PVC pipes. Includes only material clearly identifiable as single-use.                                | Examples include bottles, blister packs, clear plastic gift boxes, and plastic tube packaging. EXCLUDES PVC multi-use.  |
| Plastic        | PL17      | PVC Multi-Use                      | PVC Multi-Use means durable plastic items that are marked with PVC (3). Does not include durable items that are mixture of plastic and another material. Includes material that cannot be clearly identified as single-use vs. multi-use.       | Examples include crates, totes, buckets, tubs, plastic garbage cans, flower pots, lawn furniture, plastic toys and sporting goods, plastic housewares, building materials including pipes, siding, fencing, decking, plastic cutting boards. EXCLUDES single-use items.                           |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition   | Examples   |
|----------------|-----------|------------------------------------|---|--|
| Plastic        | PL18      | LDPE Clear Beverage Bottles        | LDPE Clear Beverage Bottles means clear bottles for beverages that are marked with LDPE (4).  | Examples include novelty drink bottles, squeezable bottles.  |
| Plastic        | PL19      | LDPE Clear Single-Use Rigids       | LDPE Clear Single-Use Rigids means clear plastic jars and other rigid containers that are marked LDPE (4). Does not include durable containers or beverage bottles. Includes only material clearly identifiable as single-use.              | Examples include squeezable bottles, container lids, takeout containers. EXCLUDES durable items.   |
| Plastic        | PL20      | LDPE Pigmented Single-Use Rigids   | LDPE Pigmented Single-Use Rigids means pigmented plastic jars and other rigid containers that are marked LDPE (4). Does not include clear or durable containers. Includes only material clearly identifiable as single-use.                 | Examples include novelty drink bottles, squeezable bottles, container lids. EXCLUDES durable items.  |
| Plastic        | PL21      | LDPE Multi-Use                     | LDPE Multi-Use means durable plastic items that are marked with LDPE (4). Does not include durable items that are mixture of plastic and another material. Includes material that cannot be clearly identified as single-use vs. multi-use. | Examples include crates, totes, buckets, tubs, plastic garbage cans, flower pots, lawn furniture, plastic toys and sporting goods, plastic housewares, building materials. EXCLUDES LDPE clearly identifiable as single-use. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition   | Examples  |
|----------------|-----------|------------------------------------|---|---|
| Plastic        | PL22      | PP Clear Single-Use Rigid          | PP Clear Single-Use Rigid means clear plastic bottles, jars and other rigid containers and lids that are marked PP (5). Does not include durable containers. Includes only material clearly identifiable as single-use.                 | Examples include containers for deli and takeout, cold beverage cups, containers for margarine, medicine bottles, bottles for catsup and syrup, yogurt cups, preserved fruit, vegetable, or snack cups, lids, thin single-use plastic containers for food storage such as Tupperware. EXCLUDES durable items. |
| Plastic        | PL23      | PP Pigmented Single-Use Rigid      | PP Pigmented Single-Use Rigid means pigmented plastic bottles, jars and other rigid containers and lids that are marked PP (5). Does not include durable containers. Includes only material clearly identifiable as single-use.         | Examples include containers for deli and takeout, containers for margarine, berry baskets, empty medicine bottles, empty prescription bottles, bottles for catsup and syrup, yogurt cups, lids, microwavable trays. EXCLUDES durable items.   |
| Plastic        | PL24      | PP Multi-Use                       | PP Multi-Use means durable plastic items that are marked with PP (5). Does not include durable items that are mixture of plastic and another material. Includes material that cannot be clearly identified as single-use vs. multi-use. | Examples include plastic automotive components, plastic luggage, reusable plastic food containers such as Tupperware. EXCLUDES PP clearly identifiable as single-use.   |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name         | Material Definition   | Examples   |
|----------------|-----------|--|---|--|
| Plastic        | PL25      | PS Thermoformed Clamshells and Containers  | PS Thermoformed Clamshells and Containers means a PS thermoform plastic container that is a clamshell or hinged container (i.e., clamshell-like) or a lidded tub/box, generally used to package food items or other products or used as food service ware. Resin can be of any color, pigmented or clear. These are marked with PS (6). Does not include expanded polystyrene (EPS) containers. | Examples include PS clamshell to-go containers.  |
| Plastic        | PL26      | PS Densified: Single-Use Food Service Ware | PS Densified: Single-Use Food Service Ware means Nonexpanded polystyrene food service ware marked with PS (6) that do not fit in any other subclass. Includes only material clearly identifiable as single-use.   | Examples include spoons, forks, knives, drink lids, microwavable trays, red pint cups. EXCLUDES PS clamshells, other thermoformed containers, and durable items. |
| Plastic        | PL27      | PS Expanded - Packaging                    | PS Expanded - Packaging means any low-density or expanded polystyrene items, which may be marked with PS (6). Includes cushioning. Includes PS Expanded items that cannot be identified as food service ware.   | Examples include packaging materials such as void fill, cushioning, and packing peanuts. EXCLUDES items identifiable as food service ware.                       |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition  | Examples   |
|----------------|-----------|------------------------------------|--|--|
| Plastic        | PL28      | PS Expanded - Food Service Ware    | PS Expanded - Food Service Ware means any low-density or expanded polystyrene food service items, which may be marked with PS (6).   | Examples include takeout containers such as clamshells, cold cups, single-use bowls and plates.  |
| Plastic        | PL29      | PS Densified: Multi-Use            | PS Densified: Multi-Use means non-expanded durable plastic items that are marked with PS (6). Does not include durable items that are mixture of plastic and another material, or expanded polystyrene items. Includes material that cannot be clearly identified as single-use vs. multi-use. | Examples include plates, trays, crates, totes, buckets, tubs, pails, garbage cans, laundry baskets, flower pots, lawn furniture, plastic toys and sporting goods, plastic housewares, building materials. EXCLUDES items clearly identifiable as single-use. |
| Plastic        | PL30      | Other (7) Single-Use Rigid         | Other (7) Single-Use Rigid means single-use plastic items marked with Other (7). Includes items made with biodegradable resins (PLA, PHA, or any item indicating design for compostability). Includes only material clearly identifiable as single-use.  | Examples include juice and catsup bottles, cups, empty prescription bottles or vials. EXCLUDES durable items.  |
| Plastic        | PL31      | Plastic Wine Bladders              | Plastic Wine Bladders means empty plastic bladders used for wine. If filled or unidentifiable, categorize as Remainder/ Composite Plastic.   | Examples include empty plastic bladders used for wine.   |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition  | Examples  |
|----------------|-----------|------------------------------------|--|---|
| Plastic        | PL32      | Films - Plastic Bags - Compostable | Films - Plastic Bags - Compostable means all bags made from thin plastic film, regardless of resin types. Bags must include indications of compostability or biodegradability, and may or may not include recycling symbols. Often milky green in color. Any mixed bags or bundles of bags should be separated for characterization. | Examples include plastic bags intended for holding trash, compostable waste, pet waste, or vegetables. EXCLUDES plastic bags not identifiable as compostable. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name        | Material Definition  | Examples   |
|----------------|-----------|---|--|--|
| Plastic        | PL33      | Films - Plastic Bags - Designed for Reuse | Films - Plastic Bags - Designed for Reuse means all bags made from thin plastic film, regardless of resin types. These bags are often of thicker film than other plastic bags, thicker than 2.25 mil. These bags include a printed statement that the bag is made partly or wholly from postconsumer recycled material and may state the postconsumer recycled material content percentage. Bags may or may not include recycling symbols. Any mixed bags or bundles of bags should be separated for characterization. Does not include totes or other reusable bags made of a textile material. | Examples include plastic shopping bags or plastic merchandise bags. EXCLUDES totes and other reusable bags made of a textile material, and any plastic bags not identifiable as designed for recycling or reuse. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name                     | Material Definition   | Examples  |
|----------------|-----------|--|---|---|
| Plastic        | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | Films - Plastic Non-Bags - Agricultural and Commercial means heavy plastic films, regardless of resin types or pigmentation. Film plastic used for large-scale packaging or transport packaging. Any mixed bags or bundles of films should be separated for characterization. | Examples include films for silage, mulch, or greenhouses, wraps for hay bales, commercial films, mattress bags, furniture wrap, film bubble wrap, drop cloth plastic sheeting, building wrap, fumigation film, pallet wrap.   |
| Plastic        | PL35      | Films - Plastic Non-Bags - Other Film                  | Films - Plastic Non-Bags - Other Film means thin films for food service and other packaging use, regardless of resin types or pigmentation. Includes films that cannot be identified as any other film or bag type.   | Examples include plastic wrap, other plastic packaging films, baby wipe packets, cleaning wipe packets, ovenable film, shrink wrap, deli wrap, stretch film, candy bar wrappers, plastic food wrappers, bubble wrap, small plastic single-serving packets, X-ray film, metallized film for wine and balloons. EXCLUDES films for agricultural and commercial use. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name                                      | Material Definition   | Examples   |
|----------------|-----------|---|---|--|
| Plastic        | PL36      | Films - Plastic Bags - Designed for Disposal                            | Films - Plastic Bags - Designed for Disposal means all bags made from thin plastic film under 2.25 mil thick, regardless of resin types. Bags may or may not include recycling symbols. Any mixed bags or bundles of bags should be separated for characterization. Includes bags that are not identifiable as reusable or compostable. | Examples include plastic shopping bags, plastic merchandise bags, zip-top plastic bags, cereal box liners, bags for bedding and medical, newspaper bags, food bags including for bread, household garbage bags, trash bags, dry cleaning bags, tee-shirt bags, plastic produce bags. EXCLUDES plastic bags that are identifiable as reusable or compostable. |
| Plastic        | PL37      | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) means single-use plastic items with no discernable resin or resin labeling. Does not include durables/ multi-use.   | Examples include food service ware, packaging, plastic drinking straws, plastic stirrers, foam trays, plastic lids, plastic soda carriers, single-use gloves (rubber, nitrile, latex), bladders for soaps or detergents, produce baskets.  |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition   | Examples   |
|----------------|-----------|------------------------------------|---|--|
| Plastic        | PL38      | Mixed Plastic Multi-Use            | Mixed Plastic Multi-Use means plastic items other than containers that are made to last for more than one use. These items may bear any resin type in the triangular recycling symbol or otherwise are unidentifiable by resin. Does not include durables that include metal, paper, or other material types. Includes plastic items that cannot be identified as single-use. | Examples include reusable water bottles, lids for plastic reusable containers such as Tupperware, crates, totes, large buckets for paint or food, multi-gallon barrels/tanks, tubs, pails, garbage cans, laundry baskets, plastic luggage, plastic cards (credit, debit, and gift cards), flower pots, plastic planters, lawn furniture, plastic toys and sporting goods, plastic snow discs, plastic housewares, multi-use plastic gloves such as kitchen and work gloves, plastic hangers, CDs, DVDs, VHS, building materials including house siding and molding, window sashes and frames, electronics housing, impact-resistant cases, plastic pipes and fittings, sprinkler pipe. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition   | Examples   |
|----------------|-----------|------------------------------------|---|--|
| Plastic        | PL39      | Remainder/<br>Composite Plastic    | Remainder/ Composite Plastic means plastic that cannot be put into any other type. This may include items made mostly of plastic but combined with other materials. May include the code 90 (C/LDPE), 91 (C/LDPE) or 92 associated with chasing arrows. Includes plastic fragments smaller than two inches if easily identifiable as plastic. | Examples include small plastic fragments of any pigment or resin, plastic twine, auto parts, toys, or electronic components with plastic attached to metal.  |
| Special Waste  | SP01      | Tires                              | Tires means vehicle tires, including automotive and bicycle. Tires may be pneumatic or solid.   | Examples include tires from trucks, automobiles, motorcycles, heavy equipment, lawn mowers, and bicycles.  |
| Special Waste  | SP02      | Bulky Items                        | Bulky Items means large, hard-to-handle items that are not defined elsewhere in the material types list. Any object beyond the approximate 2-gallon volume that cannot be accepted by recycling machinery.  | "Examples include furniture, appliances, wheelbarrows, large non-hazardous electronics. EXCLUDES electronics with hazardous components, mattresses and foundations, tires, items made entirely of plastic. |

| Material Class | MT&F Code | Material Type and Form (MT&F) Name | Material Definition  | Examples   |
|----------------|-----------|------------------------------------|--|--|
| Special Waste  | SP03      | Mattresses and Foundations         | Mattresses and Foundations means a resilient material or combination of materials that is enclosed by a ticking, is used alone or in combination with other products, and is intended for or promoted for sleeping upon. Includes foundations, which means a ticking-covered structure used to support a mattress or sleep surface. The structure may include constructed frames, foam, box springs, or other materials, used alone or in combination. | Examples include mattresses, mattress frames, box springs. EXCLUDES mattress toppers, items for use on top of mattresses, beds for juveniles, water furniture, fold out beds.                            |
| Textiles       | T01       | Textiles and Clothing              | Textiles and Clothing means all fabric and clothing items, other textile items made of organic, synthetic, unknown, and mixed fibers, and clothing accessories whether made of leather, rubber, other materials, or a combination thereof. Textiles with zippers and buttons are included. May include the codes 60-69 and the code TEX associated with chasing arrows.  | Examples include cloth and rags, clothing, blankets, linens, towels, sheets, rope, shoes, boots, sandals, purses, belts, upholstery, tote bags, carpet, packaging made from textiles, including ribbons. |

## Section 2: Data Tables

### **Section 2.1: Results of Jurisdiction Survey as Survey Material Types and SB 343 Material Types and Forms**

Table D1 indicates all material results from the Jurisdiction Survey. Column one lists the material category from the jurisdiction survey question sections. Column two lists the jurisdiction survey material type. Column three through five list the SB 343 material type and form category, material type and form code, and material type and form name for each result. Column six lists the estimated percent of California's population with access to residential curbside recycling collection for a given survey material.

**Table D1. Percentage of Statewide Population with Access to a Residential Curbside Recycling Program Which Accepts Survey Materials and SB 343 Material Types and Forms**

| <b>Survey Material Category</b> | <b>Survey Material Type</b> | <b>MT&amp;F Category</b> | <b>MT&amp;F Code</b> | <b>SB 343 Material Type &amp; Form</b>                         | <b>Percent of Population with Collection Access</b> |
|---------------------------------|-----------------------------|--------------------------|----------------------|--|---|
| Paper                           | OCC Cardboard Non-Waxed     | Fiber                    | F01                  | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | 99%   |
| Paper                           | White Paper                 | Fiber                    | F02                  | White Office-Type Paper and Mail                               | 99%   |
| Paper                           | Other Mixed Paper           | Fiber                    | F03                  | Newspapers/ Newspaper Inserts                                  | 97%   |
| Paper                           | Other Mixed Paper           | Fiber                    | F04                  | Magazines and Catalogs   | 97%   |
| Paper                           | Kraft Paper                 | Fiber                    | F05                  | Paper Bags and Kraft Paper                                     | 97%   |
| Paper                           | Other Mixed Paper           | Fiber                    | F05                  | Paper Bags and Kraft Paper                                     | 97%   |

| Survey Material Category | Survey Material Type   | MT&F Category | MT&F Code | SB 343 Material Type & Form                            | Percent of Population with Collection Access |
|--------------------------|------------------------|---------------|-----------|--|--|
| Paper                    | Paperboard             | Fiber         | F06       | Folded Paper Containers and Other Paperboard Packaging | 98%  |
| Paper                    | Other Mixed Paper      | Fiber         | F07       | Other Mixed Paper                                      | 97%  |
| Paper                    | Molded Fiber           | Fiber         | F08       | Clean Molded Paper Fiber                               | 94%  |
| Paper                    | Waxed Cardboard        | Fiber         | F12       | Remainder/ Composite Fiber                             | 38%  |
| Glass                    | Glass Bottles and Jars | Glass         | G01       | Glass Containers - Clear/ Flint - non-CRV              | 97%  |
| Glass                    | Glass Bottles and Jars | Glass         | G02       | Glass Beverage Containers - Clear/Flint - CRV          | 97%  |
| Glass                    | Glass Bottles and Jars | Glass         | G03       | Glass Containers - Green/ Emerald - non-CRV            | 97%  |
| Glass                    | Glass Bottles and Jars | Glass         | G04       | Glass Beverage Containers - Green/Emerald - CRV        | 97%  |
| Glass                    | Glass Bottles and Jars | Glass         | G05       | Glass Containers - Brown/ Amber - non-CRV              | 97%  |
| Glass                    | Glass Bottles and Jars | Glass         | G06       | Glass Beverage Containers - Brown/Amber - CRV          | 97%  |
| Glass                    | Glass Bottles and Jars | Glass         | G07       | Glass Containers - Other Colors - non-CRV              | 97%  |

| Survey Material Category | Survey Material Type                                      | MT&F Category | MT&F Code | SB 343 Material Type & Form                    | Percent of Population with Collection Access |
|--------------------------|---|---------------|-----------|--|--|
| Glass                    | Glass Bottles and Jars                                    | Glass         | G08       | Glass Beverage Containers - Other Colors - CRV | 97%  |
| Glass                    | Other Forms of Glass                                      | Glass         | G09       | Remainder/ Composite Glass                     | 46%  |
| Metal                    | Aluminum Cans Bottles and Other Non-aerosol Containers    | Metal         | M01       | Aluminum Cans and Lids - non-CRV               | 96%  |
| Metal                    | Aluminum Cans Bottles and Other Non-aerosol Containers    | Metal         | M02       | Aluminum Beverage Cans - CRV                   | 96%  |
| Metal                    | Aluminum Cans Bottles and Other Non-aerosol Containers    | Metal         | M03       | Aluminum Bottles - non-CRV                     | 96%  |
| Metal                    | Aluminum Cans Bottles and Other Non-aerosol Containers    | Metal         | M04       | Aluminum Bottles for Beverages - CRV           | 96%  |
| Metal                    | Aluminum Foil Sheets                                      | Metal         | M05       | Aluminum Foil (<3 mm), Sheets                  | 81%  |
| Metal                    | Aluminum Foil Molded Trays and Containers                 | Metal         | M06       | Aluminum Foil (>3 mm), Molded Containers       | 82%  |
| Metal                    | Tin/ Steel/ Bimetal Cans and Other Non-aerosol Containers | Metal         | M07       | Tin/Steel Cans, Lids - non-CRV                 | 99%  |
| Metal                    | Tin/ Steel/ Bimetal Cans and Other Non-aerosol Containers | Metal         | M08       | Tin/Steel Beverage Containers - CRV            | 99%  |

| Survey Material Category | Survey Material Type                                     | MT&F Category | MT&F Code | SB 343 Material Type & Form                | Percent of Population with Collection Access |
|--------------------------|--|---------------|-----------|--|--|
| Metal                    | Aluminum Aerosol Cans                                    | Metal         | M10       | Tin/Steel or Aluminum Aerosol Containers   | 68%  |
| Metal                    | Tin/ Steel/ Bimetal Aerosol Cans                         | Metal         | M10       | Tin/Steel or Aluminum Aerosol Containers   | 75%  |
| Metal                    | Other Ferrous Metal                                      | Metal         | M12       | Other Ferrous Metal                        | 74%  |
| Metal                    | Other Forms of Tin/ Steel/ Bimetal                       | Metal         | M12       | Other Ferrous Metal                        | 80%  |
| Metal                    | Other Forms of Aluminum                                  | Metal         | M13       | Other Nonferrous Metal                     | 80%  |
| Metal                    | Other Nonferrous Metal                                   | Metal         | M13       | Other Nonferrous Metal                     | 76%  |
| Plastic                  | PET 1 Bottles Jugs and Jars Clear                        | Plastic       | PL01      | PET Clear Bottles - non-CRV                | 99%  |
| Plastic                  | PET 1 Bottles Jugs and Jars Clear                        | Plastic       | PL02      | PET Clear Beverage Bottles - CRV           | 99%  |
| Plastic                  | PET 1 Bottles Jugs and Jars Pigmented/ Color             | Plastic       | PL03      | PET Pigmented Bottles - non-CRV            | 96%  |
| Plastic                  | PET 1 Bottles Jugs and Jars Pigmented/ Color             | Plastic       | PL04      | PET Pigmented Beverage Bottles - CRV       | 96%  |
| Plastic                  | PET 1 Other Rigid Containers Cups Lids Plates Trays Tubs | Plastic       | PL05      | PET Thermoformed Clamshells and Containers | 88%  |

| Survey Material Category | Survey Material Type                                     | MT&F Category | MT&F Code | SB 343 Material Type & Form           | Percent of Population with Collection Access |
|--------------------------|--|---------------|-----------|---------------------------------------|--|
| Plastic                  | PET 1 Bottles Jugs and Jars Clear                        | Plastic       | PL06      | Other PET Clear Single-Use Rigids     | 99%  |
| Plastic                  | PET 1 Other Rigid Containers Cups Lids Plates Trays Tubs | Plastic       | PL06      | Other PET Clear Single-Use Rigids     | 88%  |
| Plastic                  | PET 1 Other Rigid Items not including containers         | Plastic       | PL06      | Other PET Clear Single-Use Rigids     | 86%  |
| Plastic                  | PET 1 Bottles Jugs and Jars Pigmented/ Color             | Plastic       | PL07      | Other PET Pigmented Single-Use Rigids | 96%  |
| Plastic                  | PET 1 Other Rigid Containers Cups Lids Plates Trays Tubs | Plastic       | PL07      | Other PET Pigmented Single-Use Rigids | 88%  |
| Plastic                  | PET 1 Other Rigid Items not including containers         | Plastic       | PL07      | Other PET Pigmented Single-Use Rigids | 86%  |
| Plastic                  | PET 1 Other Rigid Items not including containers         | Plastic       | PL08      | PET Multi-Use Rigids                  | 85%  |
| Plastic                  | HDPE 2 Bottles Jugs and Jars Natural                     | Plastic       | PL09      | HDPE Clear Beverage Bottles - non-CRV | 99%  |
| Plastic                  | HDPE 2 Bottles Jugs and Jars Natural                     | Plastic       | PL10      | HDPE Clear Beverage Bottles - CRV     | 99%  |
| Plastic                  | HDPE 2 Other Rigid Items not including containers        | Plastic       | PL11      | HDPE Buckets: Food                    | 88%  |

| Survey Material Category | Survey Material Type                                      | MT&F Category | MT&F Code | SB 343 Material Type & Form       | Percent of Population with Collection Access |
|--------------------------|---|---------------|-----------|-----------------------------------|--|
| Plastic                  | HDPE 2 Other Rigid Items not including containers         | Plastic       | PL12      | HDPE Buckets: non-Food            | 88%  |
| Plastic                  | HDPE 2 Bottles Jugs and Jars Natural                      | Plastic       | PL13      | Other HDPE Clear Single-Use Rigid | 99%  |
| Plastic                  | HDPE 2 Other Rigid Containers Cups Lids Plates Trays Tubs | Plastic       | PL13      | Other HDPE Clear Single-Use Rigid | 90%  |
| Plastic                  | HDPE 2 Other Rigid Items not including containers         | Plastic       | PL13      | Other HDPE Clear Single-Use Rigid | 88%  |
| Plastic                  | HDPE 2 Bottles Jugs and Jars Pigmented/ Color             | Plastic       | PL14      | HDPE Pigmented Single-Use Rigid   | 98%  |
| Plastic                  | HDPE 2 Other Rigid Containers Cups Lids Plates Trays Tubs | Plastic       | PL14      | HDPE Pigmented Single-Use Rigid   | 90%  |
| Plastic                  | HDPE 2 Other Rigid Items not including containers         | Plastic       | PL14      | HDPE Pigmented Single-Use Rigid   | 88%  |
| Plastic                  | HDPE 2 Other Rigid Items not including containers         | Plastic       | PL15      | Other HDPE Multi-Use Rigid        | 88%  |
| Plastic                  | PVC 3 Rigid Items   | Plastic       | PL16      | PVC Single-Use Rigid              | 52%  |
| Plastic                  | PVC 3 Rigid Items   | Plastic       | PL17      | PVC Multi-Use                     | 52%  |

| Survey Material Category | Survey Material Type  | MT&F Category | MT&F Code | SB 343 Material Type & Form     | Percent of Population with Collection Access |
|--------------------------|---|---------------|-----------|---------------------------------|--|
| Plastic                  | LDPE 4 Bottles Jugs and Jars                                | Plastic       | PL18      | LDPE Clear Beverage Bottles     | 75%  |
| Plastic                  | LDPE 4 Bottles Jugs and Jars                                | Plastic       | PL19      | LDPE Clear Single-Use Rigid     | 75%  |
| Plastic                  | LDPE 4 Other Rigid Items                                    | Plastic       | PL19      | LDPE Clear Single-Use Rigid     | 70%  |
| Plastic                  | LDPE 4 Bottles Jugs and Jars                                | Plastic       | PL20      | LDPE Pigmented Single-Use Rigid | 75%  |
| Plastic                  | LDPE 4 Other Rigid Items                                    | Plastic       | PL20      | LDPE Pigmented Single-Use Rigid | 70%  |
| Plastic                  | LDPE 4 Other Rigid Items                                    | Plastic       | PL21      | LDPE Multi-Use                  | 70%  |
| Plastic                  | PP 5 Bottles Jugs and Jars                                  | Plastic       | PL22      | PP Clear Single-Use Rigid       | 94%  |
| Plastic                  | PP 5 Other Rigid Containers Cups Lids Plates Trays Tubs     | Plastic       | PL22      | PP Clear Single-Use Rigid       | 85%  |
| Plastic                  | PP 5 Other Rigid Items not including containers or utensils | Plastic       | PL22      | PP Clear Single-Use Rigid       | 82%  |
| Plastic                  | PP 5 Utensils   | Plastic       | PL22      | PP Clear Single-Use Rigid       | 51%  |

| Survey Material Category | Survey Material Type   | MT&F Category | MT&F Code | SB 343 Material Type & Form                | Percent of Population with Collection Access |
|--------------------------|--|---------------|-----------|--|--|
| Plastic                  | PP 5 Bottles Jugs and Jars   | Plastic       | PL23      | PP Pigmented Single-Use Rigid              | 94%  |
| Plastic                  | PP 5 Other Rigid Containers Cups Lids Plates Trays Tubs  | Plastic       | PL23      | PP Pigmented Single-Use Rigid              | 85%  |
| Plastic                  | PP 5 Other Rigid Items not including containers or utensils                                    | Plastic       | PL23      | PP Pigmented Single-Use Rigid              | 82%  |
| Plastic                  | PP 5 Utensils  | Plastic       | PL23      | PP Pigmented Single-Use Rigid              | 51%  |
| Plastic                  | Solid Polystyrene Hinged Containers Plates Cups Tubs Trays and Other Solid Forms PS 6          | Plastic       | PL25      | PS Thermoformed Clamshells and Containers  | 40%  |
| Plastic                  | PS 6 Utensils  | Plastic       | PL26      | PS Densified: Single-Use Food Service Ware | 34%  |
| Plastic                  | Solid Polystyrene Hinged Containers Plates Cups Tubs Trays and Other Solid Forms PS 6          | Plastic       | PL26      | PS Densified: Single-Use Food Service Ware | 40%  |
| Plastic                  | Expanded Polystyrene Hinged Containers Plates Cups Tubs Trays and Other Foamed Containers PS 6 | Plastic       | PL27      | PS Expanded - Packaging                    | 35%  |
| Plastic                  | Other Forms of Expanded Polystyrene PS 6   | Plastic       | PL27      | PS Expanded - Packaging                    | 36%  |

| Survey Material Category | Survey Material Type   | MT&F Category | MT&F Code | SB 343 Material Type & Form               | Percent of Population with Collection Access |
|--------------------------|--|---------------|-----------|---|--|
| Plastic                  | Expanded Polystyrene Hinged Containers Plates Cups Tubs Trays and Other Foamed Containers PS 6 | Plastic       | PL28      | PS Expanded - Food Service Ware           | 35%  |
| Plastic                  | Solid Polystyrene Hinged Containers Plates Cups Tubs Trays and Other Solid Forms PS 6          | Plastic       | PL29      | PS Densified: Multi-Use                   | 40%  |
| Plastic                  | Rigid Items from Plastics and Polymers Designed for Compostability                             | Plastic       | PL30      | Other (7) Single-Use Rigid                | 26%  |
| Plastic                  | Other Mixed Plastics Rigid Items   | Plastic       | PL30      | Other (7) Single-Use Rigid                | 51%  |
| Plastic                  | Other Mixed Plastics Flexible and Film Items   | Plastic       | PL31      | Plastic Wine Bladders                     | 26%  |
| Plastic                  | Flexible and Film Items from Plastics and Polymers Designed for Compostability                 | Plastic       | PL32      | Films - Plastic Bags - Compostable        | 20%  |
| Plastic                  | Other Mixed Plastics Flexible and Film Items   | Plastic       | PL32      | Films - Plastic Bags - Compostable        | 26%  |
| Plastic                  | HDPE 2 Flexible and Film Items   | Plastic       | PL33      | Films - Plastic Bags - Designed for Reuse | 35%  |
| Plastic                  | LDPE 4 Other Flexible and Film Items   | Plastic       | PL33      | Films - Plastic Bags - Designed for Reuse | 25%  |

| Survey Material Category | Survey Material Type                         | MT&F Category | MT&F Code | SB 343 Material Type & Form                            | Percent of Population with Collection Access |
|--------------------------|--|---------------|-----------|--|--|
| Plastic                  | PET 1 Flexible and Film Items                | Plastic       | PL33      | Films - Plastic Bags - Designed for Reuse              | 31%  |
| Plastic                  | PP 5 Other Flexible and Film Items           | Plastic       | PL33      | Films - Plastic Bags - Designed for Reuse              | 29%  |
| Plastic                  | PS 6 Flexible and Film Items                 | Plastic       | PL33      | Films - Plastic Bags - Designed for Reuse              | 24%  |
| Plastic                  | PVC 3 Flexible and Film Items                | Plastic       | PL33      | Films - Plastic Bags - Designed for Reuse              | 23%  |
| Plastic                  | Other Mixed Plastics Flexible and Film Items | Plastic       | PL33      | Films - Plastic Bags - Designed for Reuse              | 27%  |
| Plastic                  | HDPE 2 Flexible and Film Items               | Plastic       | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 35%  |
| Plastic                  | LDPE 4 Clear Non-Bag Film                    | Plastic       | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 32%  |
| Plastic                  | LDPE 4 Other Flexible and Film Items         | Plastic       | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 25%  |
| Plastic                  | PET 1 Flexible and Film Items                | Plastic       | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 31%  |
| Plastic                  | PP 5 Clear Non-Bag Film                      | Plastic       | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 32%  |
| Plastic                  | PP 5 Other Flexible and Film Items           | Plastic       | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 30%  |

| Survey Material Category | Survey Material Type                         | MT&F Category | MT&F Code | SB 343 Material Type & Form                            | Percent of Population with Collection Access |
|--------------------------|--|---------------|-----------|--|--|
| Plastic                  | PS 6 Flexible and Film Items                 | Plastic       | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 24%  |
| Plastic                  | PVC 3 Flexible and Film Items                | Plastic       | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 23%  |
| Plastic                  | Other Mixed Plastics Flexible and Film Items | Plastic       | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 27%  |
| Plastic                  | HDPE 2 Flexible and Film Items               | Plastic       | PL35      | Films - Plastic Non-Bags - Other Film                  | 35%  |
| Plastic                  | LDPE 4 Clear Non-Bag Film                    | Plastic       | PL35      | Films - Plastic Non-Bags - Other Film                  | 32%  |
| Plastic                  | LDPE 4 Other Flexible and Film Items         | Plastic       | PL35      | Films - Plastic Non-Bags - Other Film                  | 25%  |
| Plastic                  | PET 1 Flexible and Film Items                | Plastic       | PL35      | Films - Plastic Non-Bags - Other Film                  | 31%  |
| Plastic                  | PP 5 Clear Non-Bag Film                      | Plastic       | PL35      | Films - Plastic Non-Bags - Other Film                  | 32%  |
| Plastic                  | PP 5 Other Flexible and Film Items           | Plastic       | PL35      | Films - Plastic Non-Bags - Other Film                  | 30%  |
| Plastic                  | PS 6 Flexible and Film Items                 | Plastic       | PL35      | Films - Plastic Non-Bags - Other Film                  | 24%  |
| Plastic                  | PVC 3 Flexible and Film Items                | Plastic       | PL35      | Films - Plastic Non-Bags - Other Film                  | 23%  |

| Survey Material Category | Survey Material Type   | MT&F Category | MT&F Code | SB 343 Material Type & Form   | Percent of Population with Collection Access |
|--------------------------|--|---------------|-----------|---|--|
| Plastic                  | Other Mixed Plastics Flexible and Film Items                       | Plastic       | PL35      | Films - Plastic Non-Bags - Other Film                                   | 27%  |
| Plastic                  | HDPE 2 Flexible and Film Items                                     | Plastic       | PL36      | Films - Plastic Bags - Designed for Disposal                            | 35%  |
| Plastic                  | LDPE 4 Other Flexible and Film Items                               | Plastic       | PL36      | Films - Plastic Bags - Designed for Disposal                            | 25%  |
| Plastic                  | PET 1 Flexible and Film Items                                      | Plastic       | PL36      | Films - Plastic Bags - Designed for Disposal                            | 31%  |
| Plastic                  | PP 5 Other Flexible and Film Items                                 | Plastic       | PL36      | Films - Plastic Bags - Designed for Disposal                            | 29%  |
| Plastic                  | PS 6 Flexible and Film Items                                       | Plastic       | PL36      | Films - Plastic Bags - Designed for Disposal                            | 24%  |
| Plastic                  | PVC 3 Flexible and Film Items                                      | Plastic       | PL36      | Films - Plastic Bags - Designed for Disposal                            | 23%  |
| Plastic                  | Other Mixed Plastics Flexible and Film Items                       | Plastic       | PL36      | Films - Plastic Bags - Designed for Disposal                            | 27%  |
| Plastic                  | Rigid Items from Plastics and Polymers Designed for Compostability | Plastic       | PL37      | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | 26%  |
| Plastic                  | Other Mixed Plastics Rigid Items                                   | Plastic       | PL37      | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | 51%  |

| Survey Material Category | Survey Material Type                          | MT&F Category | MT&F Code | SB 343 Material Type & Form              | Percent of Population with Collection Access |
|--------------------------|---|---------------|-----------|--|--|
| Plastic                  | Other Mixed Plastics Rigid Items              | Plastic       | PL38      | Mixed Plastic Multi-Use                  | 51%  |
| Organics                 | Non-Synthetic Textiles                        | Other         | T01       | Textiles and Clothing                    | 15%  |
| Plastic                  | Textiles from Other Plastic                   | Other         | T01       | Textiles and Clothing                    | 22%  |
| Paper                    | Aseptic Cartons                               | Fiber         | X01       | Gable-top Cartons/ Aseptics - CRV        | 72%  |
| Paper                    | Gable-top Cartons                             | Fiber         | X01       | Gable-top Cartons/ Aseptics - CRV        | 74%  |
| Paper                    | Gable-top Cartons                             | Fiber         | X02       | Gable-top Cartons - Non-CRV              | 74%  |
| Paper                    | Aseptic Cartons                               | Fiber         | X03       | Aseptic Containers - Non-CRV             | 72%  |
| Plastic                  | Multi-Material Laminate Pouches and Envelopes | Other         | X04       | Mailing Pouches & Shipping Envelopes     | 29%  |
| Paper                    | Other Forms of Multi-Material Laminate        | Other         | X05       | Other Multi-Material Laminate Single-Use | 50%  |
| Plastic                  | Other Forms of Multi-Material Laminate (2)    | Other         | X05       | Other Multi-Material Laminate Single-Use | 20%  |
| Ceramic                  | Ceramic                                       | Other         | X06       | Single-Use Ceramic Packaging             | 7%   |

| Survey Material Category | Survey Material Type   | MT&F Category | MT&F Code | SB 343 Material Type & Form                 | Percent of Population with Collection Access |
|--------------------------|--|---------------|-----------|---|--|
| Organics                 | Other Mixed Organic Items  | Other         | X08       | Plant Material Food Service Ware            | 37%  |
| Organics                 | Treated or Painted Wood  | Other         | X09       | Treated Wood                                | 7%   |
| Organics                 | Other Mixed Organic Items  | Other         | X10       | Green Material, Clean Wood, and Food Scraps | 37%  |
| Organics                 | Untreated Wood   | Other         | X10       | Green Material, Clean Wood, and Food Scraps | 42%  |
| Ceramic                  | Small Ceramic Items with Two or more sides measuring 2" or less                      | Other         | X13       | Fines and Residuals                         | 12%  |
| Glass                    | Small Glass Items with Two or more sides measuring 2" or less                        | Other         | X13       | Fines and Residuals                         | 65%  |
| Metal                    | Small Metal Items with Two or more sides measuring 2" or less                        | Other         | X13       | Fines and Residuals                         | 62%  |
| Organics                 | Small Wood and Other Mixed Organic Items with Two or more sides measuring 2" or less | Other         | X13       | Fines and Residuals                         | 38%  |
| Paper                    | Small Paper Fiber Items with Two or more sides measuring 2" or less                  | Other         | X13       | Fines and Residuals                         | 73%  |
| Plastic                  | Small Plastic Items with Two or more sides measuring 2" or less                      | Other         | X13       | Fines and Residuals                         | 29%  |

## **Section 2.2: List of Outflows Sampled in Large Volume Transfer/Processing Facility Material Characterization Study**

Table E1 indicates all outflows sampled in the Material Characterization Study. The first column lists the outflows as sorted by Outflow Material Class (Fiber, Glass, Metal, Mixed, Plastic) and column two describes the outflow name. Column three indicates how many total samples were assessed, either by hand-sort sampling or visual characterization sampling. Column four indicates how many facilities within the 23-facility field study received sampling of each outflow. Columns five and six apply to survey facilities and outflows described by each facility. Column five is the closest-match survey outflow to the sampled outflow of column two. Column six is the count of facilities with each survey outflow, out of 27 surveyed facilities.

Table E2 indicates the targeted sample weight of common outflows sampled by the contracted field team for the Material Characterization Study. The first column lists the name of common outflow, and the second column indicates the proposed sample weight in pounds. The third column indicates the average actual sample weight in pounds.

**Table E1. Outflows Sampled by Outflow Material Class**

| <b>Outflow Material Class</b> | <b>Outflow Name</b>          | <b>Total Number of Samples</b> | <b>Number of Facilities Sampled</b> | <b>Equivalent Survey Outflows</b> | <b>Count of Facilities with Survey Outflows</b> |
|-------------------------------|------------------------------|--------------------------------|-------------------------------------|-----------------------------------|---|
| Fiber                         | ONP and Mixed Paper          | 44                             | 22                                  | Mixed Paper                       | 23  |
| Fiber                         | OCC                          | 31                             | 23                                  | OCC                               | 27  |
| Fiber                         | Gable-top and Aseptic Carton | 15                             | 7                                   | Gable-top; Aseptics               | 8; 8  |
| Fiber                         | White Office Paper           | 3                              | 2                                   | White Office Paper                | 5   |
| Fiber                         | Shredded Paper               | 1                              | 1                                   | Shredded Paper                    | 4   |
| Glass                         | Mixed Glass                  | 39                             | 22                                  | Mixed Glass                       | 26  |
| Glass                         | Glass Fines                  | 2                              | 1                                   | NA                                | NA  |
| Glass                         | Glass - Clear/Flint          | 1                              | 1                                   | Mixed Glass                       | 26  |
| Glass                         | Glass - Green/Emerald        | 1                              | 1                                   | Mixed Glass                       | 26  |
| Glass                         | Glass - Brown/Amber          | 1                              | 1                                   | Mixed Glass                       | 26  |
| Metal                         | Mixed Metal - Non-Ferrous    | 27                             | 12                                  | Mixed Metal - Non-Ferrous         | 8   |

| Outflow Material Class | Outflow Name                            | Total Number of Samples | Number of Facilities Sampled | Equivalent Survey Outflows                          | Count of Facilities with Survey Outflows |
|------------------------|---|-------------------------|------------------------------|---|--|
| Metal                  | Mixed Metal - Ferrous - Steel/ Tin Cans | 30                      | 17                           | Mixed Metal - Tin                                   | 21                                       |
| Metal                  | Aluminum - UBC                          | 25                      | 22                           | Aluminum - UBC                                      | 15                                       |
| Metal                  | Mixed Metal - Large                     | 19                      | 12                           | Mixed Metal - Large                                 | 20                                       |
| Metal                  | Mixed Metal - Small Ferrous             | 11                      | 5                            | Mixed Metal - Ferrous                               | 11                                       |
| Metal                  | Aluminum - Other                        | 11                      | 6                            | Aluminum - Other                                    | 19                                       |
| Metal                  | Mixed Metal - Small                     | 6                       | 4                            | Mixed Metal - Ferrous;<br>Mixed Metal - Non-Ferrous | 11; 8                                    |
| Metal                  | Copper                                  | 2                       | 2                            | Copper  | 5  |
| Other                  | Residuals                               | 44                      | 20                           | NA  | NA                                       |
| Plastic                | PET Bottle and Container                | 41                      | 18                           | PET Bottle and Container                            | 25                                       |
| Plastic                | Mixed Rigid Plastic                     | 38                      | 18                           | Mixed Rigid Plastic                                 | 26                                       |
| Plastic                | HDPE Pigmented Bottle and Container     | 32                      | 21                           | HDPE Pigmented                                      | 25                                       |
| Plastic                | HDPE Natural Bottle and Container       | 30                      | 21                           | HDPE Natural  | 24                                       |
| Plastic                | Polypropylene #5                        | 24                      | 10                           | Polypropylene #5                                    | 15                                       |
| Plastic                | PET Bottle                              | 12                      | 6                            | PET Bottle  | 11                                       |
| Plastic                | Plastic #3-#7                           | 9                       | 4                            | Plastic #3-#7                                       | 8  |
| Plastic                | PET Thermoform                          | 6                       | 3                            | PET Thermoform                                      | 3  |
| Plastic                | Plastic Film - Plastic Bags             | 3                       | 2                            | Plastic Film Mix                                    | 9  |
| Plastic                | HPDE Color + #3-#7                      | 3                       | 1                            | Plastic #3-#7                                       | 8  |
| Plastic                | Plastic Film                            | 2                       | 1                            | Plastic Film Mix                                    | 9  |
| Plastic                | HDPE Mixed Bottle and Container         | 2                       | 1                            | HDPE Mixed Bottle and Container                     | 6  |

| Outflow Material Class | Outflow Name                               | Total Number of Samples | Number of Facilities Sampled | Equivalent Survey Outflows | Count of Facilities with Survey Outflows |
|------------------------|--|-------------------------|------------------------------|----------------------------|--|
| Plastic                | Expanded Polystyrene #6                    | 1                       | 1                            | Expanded Polystyrene #6    | 7  |
| Plastic                | Plastic Film - Agricultural and Commercial | 1                       | 1                            | Plastic Film Mix           | 9  |

**Table E2. Targeted Sample Weight by Common Outflow**

| Common Outflow         | Targeted Sample Weight (lbs.) | Average Sampled Weight (lbs.) |
|------------------------|-------------------------------|-------------------------------|
| Corrugated Cardboard   | 200                           | 212.4                         |
| Mixed Paper            | 125                           | 122.3                         |
| Aseptic Containers     | 125                           | 112.9                         |
| PET                    | 35                            | 37.9                          |
| HDPE Natural           | 35                            | 38.8                          |
| HDPE Pigmented         | 35                            | 39.6                          |
| Bulky Rigid Plastics   | 125                           | 80.5                          |
| Mixed Plastics #3 - #7 | 35                            | 38.0                          |
| Aluminum               | 25                            | NA                            |
| Steel Cans             | 25                            | 31.6                          |
| Glass                  | 15                            | 19.1                          |

### **Section 2.3: Materials Sorted by Large Volume Transfer/Processing Facilities: Partial County Scaling and Specified Outflows**

Data gathered for this study is organized by those material types and forms sorted to a specified outflow (Table F1) and those sorted to mixed material outflows (Table F2). In addition, analysis is provided which considers sorting to specified outflows and/or mixed material outflows (Table F3). Surveyed facilities serve 30 out of 58 counties statewide, and the populations of those counties make up 88.53% of the statewide population.

The tables below display the proportion of the counties served by the surveyed LVTP facilities with sorting of each material type and form, by solid waste inflow tonnage. The first three columns describe the material type and form by unique material type and form code, SB 343 material type and form name, and material type and form class (glass, metal, fiber, plastic, and other), respectively. The fourth and fifth columns show the count and percentage of counties served by surveyed LVTPs that sort that material type and form into outflows. Columns four and five assume that partial coverage of a county (at least one facility sorting each material type and form to a validated outflow) is equivalent to complete coverage of a county. The sixth column shows the scaled percentage of the counties served by the surveyed LVTPs that sort that material type and form into outflows. For the sixth column, scaling was performed as follows: within each county, we counted the number of study facilities with one or more verified outflows for each material type and form. Each facility was then given a weighted proportion of county coverage, relative to its total solid waste inflow tonnage as reported in RDRS. Column six estimates material type and form sorting assuming partial coverage of counties by each study facility. Rows with a value of zero for counties served indicate material types and forms for which there was insufficient evidence of effective sorting to specified outflows within this study (see Appendix 1, Section 2.4; Appendix 1, Section 2.5; and Appendix 1, Section 2.6 for details).

NA is applied to Reminder/Composite items; Remainder/Composite categories are not identifiable to the level of material type and form. NA is also applied to items subject to additional programs. This includes SP03 (includes items subject to Business and Professions Code (BPC) 17580 (g)(1)(B)); SP01 (subject to BPC 17580 (g)(1)(C)); G02, G04, G06, G08, M02, M04, M08, PL02, PL04, PL10, X01 (subject to Division 12.1 of the Public Resources Code).

One additional column, column seven, is presented for Table F2 to indicate the mixed material outflow name into which each material type and form was consistently sorted. In Table F2, material types and forms are annotated with an asterisk in column one if they receive consistent sortation only into mixed material outflows.

**Table F1. Sorting of Material Types and Forms to Specified Outflows, by Counties Served by Surveyed LVTPs**

| <b>MT&amp;F Code</b> | <b>Material Type and Form (MT&amp;F)</b>                       | <b>MT&amp;F Class</b> | <b>Count of Counties Served</b> | <b>Percent of Surveyed Counties Served</b> | <b>Scaled Percent of Surveyed Counties Served (by Solid Waste Inflow Tonnage)</b> |
|----------------------|--|-----------------------|---------------------------------|--|---|
| F01                  | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | Fiber                 | 30                              | 100  | 76  |
| F02                  | White Office-Type Paper and Mail                               | Fiber                 | 13                              | 43   | 21  |
| F03                  | Newspapers/ Newspaper Inserts                                  | Fiber                 | NA                              | NA   | NA  |
| F04                  | Magazines and Catalogs   | Fiber                 | NA                              | NA   | NA  |
| F05                  | Paper Bags and Kraft Paper                                     | Fiber                 | NA                              | NA   | NA  |
| F06                  | Folded Paper Containers and Other Paperboard Packaging         | Fiber                 | NA                              | NA   | NA  |
| F07                  | Other Mixed Paper  | Fiber                 | NA                              | NA   | NA  |
| F08                  | Clean Molded Paper Fiber                                       | Fiber                 | NA                              | NA   | NA  |
| F09                  | Uncoated Fiber-Based Food Service Ware                         | Fiber                 | NA                              | NA   | NA  |
| F10                  | Composite Food Service Paper & Packaging                       | Fiber                 | NA                              | NA   | NA  |
| F11                  | Uncoated Soiled Fiber Products                                 | Fiber                 | NA                              | NA   | NA  |
| F12                  | Remainder/ Composite Fiber                                     | Fiber                 | NA                              | NA   | NA  |
| G01                  | Glass Containers - Clear/ Flint - non-CRV                      | Glass                 | 30                              | 100  | 78  |
| G02                  | Glass Beverage Containers - Clear/Flint - CRV                  | Glass                 | NA                              | NA   | NA  |
| G03                  | Glass Containers - Green/ Emerald - non-CRV                    | Glass                 | 30                              | 100  | 78  |
| G04                  | Glass Beverage Containers - Green/Emerald - CRV                | Glass                 | NA                              | NA   | NA  |
| G05                  | Glass Containers - Brown/ Amber - non-CRV                      | Glass                 | 30                              | 100  | 78  |

| MT&F Code | Material Type and Form (MT&F)                          | MT&F Class | Count of Counties Served | Percent of Surveyed Counties Served | Scaled Percent of Surveyed Counties Served (by Solid Waste Inflow Tonnage) |
|-----------|--|------------|--------------------------|-------------------------------------|--|
| G06       | Glass Beverage Containers - Brown/Amber - CRV          | Glass      | NA                       | NA                                  | NA   |
| G07       | Glass Containers - Other Colors - non-CRV              | Glass      | 30                       | 100                                 | 78   |
| G08       | Glass Beverage Containers - Other Colors - CRV         | Glass      | NA                       | NA                                  | NA   |
| G09       | Remainder/ Composite Glass                             | Glass      | NA                       | NA                                  | NA   |
| H01       | Household Hazardous Waste                              | Other      | NA                       | NA                                  | NA   |
| M01       | Aluminum Cans and Lids - non-CRV                       | Metal      | 22                       | 73                                  | 46   |
| M02       | Aluminum Beverage Cans - CRV                           | Metal      | NA                       | NA                                  | NA   |
| M03       | Aluminum Bottles - non-CRV                             | Metal      | 22                       | 73                                  | 46   |
| M04       | Aluminum Bottles for Beverages - CRV                   | Metal      | NA                       | NA                                  | NA   |
| M05       | Aluminum Foil (<3 mm), Sheets                          | Metal      | 22                       | 73                                  | 46   |
| M06       | Aluminum Foil (>3 mm), Molded Containers               | Metal      | 22                       | 73                                  | 46   |
| M07       | Tin/Steel Cans, Lids - non-CRV                         | Metal      | 30                       | 100                                 | 78   |
| M08       | Tin/Steel Beverage Containers - CRV                    | Metal      | NA                       | NA                                  | NA   |
| M09       | Tin/Steel Paint Cans                                   | Metal      | 29                       | 97                                  | 71   |
| M10       | Tin/Steel or Aluminum Aerosol Containers               | Metal      | 29                       | 97                                  | 74   |
| M11       | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders | Metal      | NA                       | NA                                  | NA   |
| M12       | Other Ferrous Metal                                    | Metal      | 21                       | 70                                  | 47   |
| M13       | Other Nonferrous Metal                                 | Metal      | 21                       | 70                                  | 47   |

| MT&F Code | Material Type and Form (MT&F)              | MT&F Class | Count of Counties Served | Percent of Surveyed Counties Served | Scaled Percent of Surveyed Counties Served (by Solid Waste Inflow Tonnage) |
|-----------|--|------------|--------------------------|-------------------------------------|--|
| M14       | Remainder/ Composite Metal                 | Metal      | NA                       | NA                                  | NA   |
| PL01      | PET Clear Bottles - non-CRV                | Plastic    | 30                       | 100                                 | 78   |
| PL02      | PET Clear Beverage Bottles - CRV           | Plastic    | NA                       | NA                                  | NA   |
| PL03      | PET Pigmented Bottles - non-CRV            | Plastic    | 30                       | 100                                 | 78   |
| PL04      | PET Pigmented Beverage Bottles - CRV       | Plastic    | NA                       | NA                                  | NA   |
| PL05      | PET Thermoformed Clamshells and Containers | Plastic    | 30                       | 100                                 | 78   |
| PL06      | Other PET Clear Single-Use Rigid           | Plastic    | 30                       | 100                                 | 78   |
| PL07      | Other PET Pigmented Single-Use Rigid       | Plastic    | 30                       | 100                                 | 78   |
| PL08      | PET Multi-Use Rigid                        | Plastic    | NA                       | NA                                  | NA   |
| PL09      | HDPE Clear Beverage Bottles - non-CRV      | Plastic    | 29                       | 97                                  | 72   |
| PL10      | HDPE Clear Beverage Bottles - CRV          | Plastic    | NA                       | NA                                  | NA   |
| PL11      | HDPE Buckets: Food                         | Plastic    | 29                       | 97                                  | 72   |
| PL12      | HDPE Buckets: non-Food                     | Plastic    | NA                       | NA                                  | NA   |
| PL13      | Other HDPE Clear Single-Use Rigid          | Plastic    | 29                       | 97                                  | 72   |
| PL14      | HDPE Pigmented Single-Use Rigid            | Plastic    | 29                       | 97                                  | 72   |
| PL15      | Other HDPE Multi-Use Rigid                 | Plastic    | NA                       | NA                                  | NA   |
| PL16      | PVC Single-Use Rigid                       | Plastic    | NA                       | NA                                  | NA   |

| MT&F Code | Material Type and Form (MT&F)                          | MT&F Class | Count of Counties Served | Percent of Surveyed Counties Served | Scaled Percent of Surveyed Counties Served (by Solid Waste Inflow Tonnage) |
|-----------|--|------------|--------------------------|-------------------------------------|--|
| PL17      | PVC Multi-Use  | Plastic    | NA                       | NA                                  | NA   |
| PL18      | LDPE Clear Beverage Bottles                            | Plastic    | NA                       | NA                                  | NA   |
| PL19      | LDPE Clear Single-Use Rigid                            | Plastic    | NA                       | NA                                  | NA   |
| PL20      | LDPE Pigmented Single-Use Rigid                        | Plastic    | NA                       | NA                                  | NA   |
| PL21      | LDPE Multi-Use   | Plastic    | NA                       | NA                                  | NA   |
| PL22      | PP Clear Single-Use Rigid                              | Plastic    | 25                       | 83                                  | 61   |
| PL23      | PP Pigmented Single-Use Rigid                          | Plastic    | 25                       | 83                                  | 61   |
| PL24      | PP Multi-Use   | Plastic    | 25                       | 83                                  | 61   |
| PL25      | PS Thermoformed Clamshells and Containers              | Plastic    | NA                       | NA                                  | NA   |
| PL26      | PS Densified: Single-Use Food Service Ware             | Plastic    | NA                       | NA                                  | NA   |
| PL27      | PS Expanded - Packaging                                | Plastic    | NA                       | NA                                  | NA   |
| PL28      | PS Expanded - Food Service Ware                        | Plastic    | NA                       | NA                                  | NA   |
| PL29      | PS Densified: Multi-Use                                | Plastic    | NA                       | NA                                  | NA   |
| PL30      | Other (7) Single-Use Rigid                             | Plastic    | NA                       | NA                                  | NA   |
| PL31      | Plastic Wine Bladders                                  | Plastic    | NA                       | NA                                  | NA   |
| PL32      | Films - Plastic Bags - Compostable                     | Plastic    | NA                       | NA                                  | NA   |
| PL33      | Films - Plastic Bags - Designed for Reuse              | Plastic    | NA                       | NA                                  | NA   |
| PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | Plastic    | NA                       | NA                                  | NA   |

| MT&F Code | Material Type and Form (MT&F)   | MT&F Class | Count of Counties Served | Percent of Surveyed Counties Served | Scaled Percent of Surveyed Counties Served (by Solid Waste Inflow Tonnage) |
|-----------|---|------------|--------------------------|-------------------------------------|--|
| PL35      | Films - Plastic Non-Bags - Other Film                                   | Plastic    | NA                       | NA                                  | NA   |
| PL36      | Films - Plastic Bags - Designed for Disposal                            | Plastic    | NA                       | NA                                  | NA   |
| PL37      | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | Plastic    | NA                       | NA                                  | NA   |
| PL38      | Mixed Plastic Multi-Use   | Plastic    | NA                       | NA                                  | NA   |
| PL39      | Remainder/ Composite Plastic  | Plastic    | NA                       | NA                                  | NA   |
| SP01      | Tires   | Other      | NA                       | NA                                  | NA   |
| SP02      | Bulky Items   | Other      | NA                       | NA                                  | NA   |
| SP03      | Mattresses and Foundations  | Other      | NA                       | NA                                  | NA   |
| T01       | Textiles and Clothing   | Other      | NA                       | NA                                  | NA   |
| X01       | Gable-top Cartons/ Aseptics - CRV                                       | Fiber      | NA                       | NA                                  | NA   |
| X02       | Gable-top Cartons - Non-CRV   | Fiber      | 9                        | 30                                  | 18   |
| X03       | Aseptic Containers - Non-CRV  | Fiber      | 9                        | 30                                  | 18   |
| X04       | Mailing Pouches & Shipping Envelopes                                    | Other      | NA                       | NA                                  | NA   |
| X05       | Other Multi-Material Laminate Single-Use                                | Other      | NA                       | NA                                  | NA   |
| X06       | Single-Use Ceramic Packaging  | Other      | NA                       | NA                                  | NA   |
| X08       | Plant Material Food Service Ware  | Other      | NA                       | NA                                  | NA   |
| X09       | Treated Wood  | Other      | NA                       | NA                                  | NA   |
| X10       | Green Material, Clean Wood, and Food Scraps                             | Other      | NA                       | NA                                  | NA   |

| MT&F Code | Material Type and Form (MT&F)                 | MT&F Class | Count of Counties Served | Percent of Surveyed Counties Served | Scaled Percent of Surveyed Counties Served (by Solid Waste Inflow Tonnage) |
|-----------|---|------------|--------------------------|-------------------------------------|--|
| X11       | Mixed Material Single-Use                     | Other      | NA                       | NA                                  | NA   |
| X12       | Remainder/ Composite Mixed Material Multi-Use | Other      | NA                       | NA                                  | NA   |
| X13       | Fines and Residuals                           | Other      | NA                       | NA                                  | NA   |

Table F2. Sorting of Material Types and Forms to Mixed Material Outflows, by Counties Served by Surveyed LVTPs

| MT&F Code | Material Type and Form (MT&F)                                  | MT&F Class | Count of Counties Served | Percent of Surveyed Counties Served | Scaled Percent of Surveyed Counties Served (by Solid Waste Inflow Tonnage) | Outflow Name        |
|-----------|--|------------|--------------------------|-------------------------------------|--|---------------------|
| F01       | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | Fiber      | 28                       | 93                                  | 71   | Mixed Paper         |
| F02       | White Office-Type Paper and Mail                               | Fiber      | 28                       | 93                                  | 71   | Mixed Paper         |
| F03*      | Newspapers/ Newspaper Inserts                                  | Fiber      | 28                       | 93                                  | 71   | Mixed Paper         |
| F04*      | Magazines and Catalogs   | Fiber      | 28                       | 93                                  | 71   | Mixed Paper         |
| F05*      | Paper Bags and Kraft Paper                                     | Fiber      | 28                       | 93                                  | 71   | Mixed Paper         |
| F06*      | Folded Paper Containers and Other Paperboard Packaging         | Fiber      | 28                       | 93                                  | 71   | Mixed Paper         |
| F07*      | Other Mixed Paper  | Fiber      | 28                       | 93                                  | 71   | Mixed Paper         |
| PL36*     | Films - Plastic Bags - Designed for Disposal                   | Plastic    | 15                       | 50                                  | 26   | Mixed Plastic Film  |
| PL09      | HDPE Clear Beverage Bottles - non-CRV                          | Plastic    | 30                       | 100                                 | 78   | Mixed Rigid Plastic |
| PL11      | HDPE Buckets: Food   | Plastic    | 30                       | 100                                 | 78   | Mixed Rigid Plastic |
| PL12*     | HDPE Buckets: non-Food   | Plastic    | 30                       | 100                                 | 78   | Mixed Rigid Plastic |
| PL13      | Other HDPE Clear Single-Use Rigid                              | Plastic    | 30                       | 100                                 | 78   | Mixed Rigid Plastic |
| PL14      | HDPE Pigmented Single-Use Rigid                                | Plastic    | 30                       | 100                                 | 78   | Mixed Rigid Plastic |

| MT&F Code | Material Type and Form (MT&F)   | MT&F Class | Count of Counties Served | Percent of Surveyed Counties Served | Scaled Percent of Surveyed Counties Served (by Solid Waste Inflow Tonnage) | Outflow Name        |
|-----------|---|------------|--------------------------|-------------------------------------|--|---------------------|
| PL15*     | Other HDPE Multi-Use Rigid  | Plastic    | 30                       | 100                                 | 78   | Mixed Rigid Plastic |
| PL21*     | LDPE Multi-Use  | Plastic    | 30                       | 100                                 | 78   | Mixed Rigid Plastic |
| PL23      | PP Pigmented Single-Use Rigid   | Plastic    | 30                       | 100                                 | 98   | Mixed Rigid Plastic |
| PL24      | PP Multi-Use  | Plastic    | 30                       | 100                                 | 98   | Mixed Rigid Plastic |
| PL37*     | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | Plastic    | 30                       | 100                                 | 78   | Mixed Rigid Plastic |
| PL38*     | Mixed Plastic Multi-Use   | Plastic    | 30                       | 100                                 | 78   | Mixed Rigid Plastic |
| PL19*     | LDPE Clear Single-Use Rigid   | Plastic    | 9                        | 30                                  | 21   | Plastic 3-7 Mix     |
| PL22      | PP Clear Single-Use Rigid   | Plastic    | 9                        | 30                                  | 21   | Plastic 3-7 Mix     |
| PL23      | PP Pigmented Single-Use Rigid   | Plastic    | 30                       | 100                                 | 98   | Plastic 3-7 Mix     |
| PL24      | PP Multi-Use  | Plastic    | 30                       | 100                                 | 98   | Plastic 3-7 Mix     |
| PL30*     | Other (7) Single-Use Rigid  | Plastic    | 9                        | 30                                  | 21   | Plastic 3-7 Mix     |

**Table F3. Sorting of Material Types and Forms to All Outflows, by Counties Served by Surveyed LVTPs**

| MT&F Code | Material Type and Form (MT&F)                                  | MT&F Class | Count of Counties Served | Percent of Counties Served | Scaled Percent of Counties Served (by Solid Waste Inflow Tonnage) |
|-----------|--|------------|--------------------------|----------------------------|---|
| F01       | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | Fiber      | 30                       | 100                        | 79  |
| F02       | White Office-Type Paper and Mail                               | Fiber      | 30                       | 100                        | 78  |
| F03       | Newspapers/ Newspaper Inserts                                  | Fiber      | 28                       | 93                         | 71  |
| F04       | Magazines and Catalogs   | Fiber      | 28                       | 93                         | 71  |
| F05       | Paper Bags and Kraft Paper                                     | Fiber      | 28                       | 93                         | 71  |
| F06       | Folded Paper Containers and Other Paperboard Packaging         | Fiber      | 28                       | 93                         | 71  |
| F07       | Other Mixed Paper  | Fiber      | 28                       | 93                         | 71  |
| F08       | Clean Molded Paper Fiber                                       | Fiber      | 0                        | 0                          | 0   |
| F09       | Uncoated Fiber-Based Food Service Ware                         | Fiber      | 0                        | 0                          | 0   |
| F10       | Composite Food Service Paper and Packaging                     | Fiber      | 0                        | 0                          | 0   |
| F11       | Uncoated Soiled Fiber Products                                 | Fiber      | 0                        | 0                          | 0   |
| F12       | Remainder/ Composite Fiber                                     | Fiber      | NA                       | NA                         | NA  |
| G01       | Glass Containers - Clear/ Flint - non-CRV                      | Glass      | 30                       | 100                        | 78  |
| G02       | Glass Beverage Containers - Clear/Flint - CRV                  | Glass      | NA                       | NA                         | NA  |
| G03       | Glass Containers - Green/ Emerald - non-CRV                    | Glass      | 30                       | 100                        | 78  |
| G04       | Glass Beverage Containers - Green/Emerald - CRV                | Glass      | NA                       | NA                         | NA  |
| G05       | Glass Containers - Brown/ Amber - non-CRV                      | Glass      | 30                       | 100                        | 78  |

| MT&F Code | Material Type and Form (MT&F)                          | MT&F Class | Count of Counties Served | Percent of Counties Served | Scaled Percent of Counties Served (by Solid Waste Inflow Tonnage) |
|-----------|--|------------|--------------------------|----------------------------|---|
| G06       | Glass Beverage Containers - Brown/Amber - CRV          | Glass      | NA                       | NA                         | NA  |
| G07       | Glass Containers - Other Colors - non-CRV              | Glass      | 30                       | 100                        | 78  |
| G08       | Glass Beverage Containers - Other Colors - CRV         | Glass      | NA                       | NA                         | NA  |
| G09       | Remainder/ Composite Glass                             | Glass      | NA                       | NA                         | NA  |
| H01       | Household Hazardous Waste                              | Other      | 0                        | 0                          | 0   |
| M01       | Aluminum Cans and Lids - non-CRV                       | Metal      | 22                       | 73                         | 46  |
| M02       | Aluminum Beverage Cans - CRV                           | Metal      | NA                       | NA                         | NA  |
| M03       | Aluminum Bottles - non-CRV                             | Metal      | 22                       | 73                         | 46  |
| M04       | Aluminum Bottles for Beverages - CRV                   | Metal      | NA                       | NA                         | NA  |
| M05       | Aluminum Foil (<3 mm), Sheets                          | Metal      | 22                       | 73                         | 46  |
| M06       | Aluminum Foil (>3 mm), Molded Containers               | Metal      | 22                       | 73                         | 46  |
| M07       | Tin/Steel Cans, Lids - non-CRV                         | Metal      | 30                       | 100                        | 78  |
| M08       | Tin/Steel Beverage Containers - CRV                    | Metal      | NA                       | NA                         | NA  |
| M09       | Tin/Steel Paint Cans                                   | Metal      | 29                       | 97                         | 71  |
| M10       | Tin/Steel or Aluminum Aerosol Containers               | Metal      | 29                       | 97                         | 74  |
| M11       | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders | Metal      | 0                        | 0                          | 0   |
| M12       | Other Ferrous Metal                                    | Metal      | 21                       | 70                         | 47  |
| M13       | Other Nonferrous Metal                                 | Metal      | 21                       | 70                         | 47  |
| M14       | Remainder/ Composite Metal                             | Metal      | NA                       | NA                         | NA  |

| MT&F Code | Material Type and Form (MT&F)              | MT&F Class | Count of Counties Served | Percent of Counties Served | Scaled Percent of Counties Served (by Solid Waste Inflow Tonnage) |
|-----------|--|------------|--------------------------|----------------------------|---|
| PL01      | PET Clear Bottles - non-CRV                | Plastic    | 30                       | 100                        | 78  |
| PL02      | PET Clear Beverage Bottles - CRV           | Plastic    | NA                       | NA                         | NA  |
| PL03      | PET Pigmented Bottles - non-CRV            | Plastic    | 30                       | 100                        | 78  |
| PL04      | PET Pigmented Beverage Bottles - CRV       | Plastic    | NA                       | NA                         | NA  |
| PL05      | PET Thermoformed Clamshells and Containers | Plastic    | 30                       | 100                        | 78  |
| PL06      | Other PET Clear Single-Use Rigid           | Plastic    | 30                       | 100                        | 78  |
| PL07      | Other PET Pigmented Single-Use Rigid       | Plastic    | 30                       | 100                        | 78  |
| PL08      | PET Multi-Use Rigid                        | Plastic    | 0                        | 0                          | 0   |
| PL09      | HDPE Clear Beverage Bottles - non-CRV      | Plastic    | 30                       | 100                        | 78  |
| PL10      | HDPE Clear Beverage Bottles - CRV          | Plastic    | NA                       | NA                         | NA  |
| PL11      | HDPE Buckets: Food                         | Plastic    | 30                       | 100                        | 78  |
| PL12      | HDPE Buckets: Non-Food                     | Plastic    | 30                       | 100                        | 78  |
| PL13      | Other HDPE Clear Single-Use Rigid          | Plastic    | 30                       | 100                        | 78  |
| PL14      | HDPE Pigmented Single-Use Rigid            | Plastic    | 30                       | 100                        | 78  |
| PL15      | Other HDPE Multi-Use Rigid                 | Plastic    | 30                       | 100                        | 78  |
| PL16      | PVC Single-Use Rigid                       | Plastic    | 0                        | 0                          | 0   |
| PL17      | PVC Multi-Use                              | Plastic    | 0                        | 0                          | 0   |
| PL18      | LDPE Clear Beverage Bottles                | Plastic    | 0                        | 0                          | 0   |

| MT&F Code | Material Type and Form (MT&F)                          | MT&F Class | Count of Counties Served | Percent of Counties Served | Scaled Percent of Counties Served (by Solid Waste Inflow Tonnage) |
|-----------|--|------------|--------------------------|----------------------------|---|
| PL19      | LDPE Clear Single-Use Rigid                            | Plastic    | 9                        | 30                         | 21  |
| PL20      | LDPE Pigmented Single-Use Rigid                        | Plastic    | 0                        | 0                          | 0   |
| PL21      | LDPE Multi-Use   | Plastic    | 30                       | 100                        | 78  |
| PL22      | PP Clear Single-Use Rigid                              | Plastic    | 27                       | 90                         | 69  |
| PL23      | PP Pigmented Single-Use Rigid                          | Plastic    | 30                       | 100                        | 78  |
| PL24      | PP Multi-Use   | Plastic    | 30                       | 100                        | 78  |
| PL25      | PS Thermoformed Clamshells and Containers              | Plastic    | 0                        | 0                          | 0   |
| PL26      | PS Densified: Single-Use Food Service Ware             | Plastic    | 0                        | 0                          | 0   |
| PL27      | PS Expanded - Packaging                                | Plastic    | 0                        | 0                          | 0   |
| PL28      | PS Expanded - Food Service Ware                        | Plastic    | 0                        | 0                          | 0   |
| PL29      | PS Densified: Multi-Use                                | Plastic    | 0                        | 0                          | 0   |
| PL30      | Other (7) Single-Use Rigid                             | Plastic    | 9                        | 30                         | 21  |
| PL31      | Plastic Wine Bladders                                  | Plastic    | 0                        | 0                          | 0   |
| PL32      | Films - Plastic Bags - Compostable                     | Plastic    | 0                        | 0                          | 0   |
| PL33      | Films - Plastic Bags - Designed for Reuse              | Plastic    | 0                        | 0                          | 0   |
| PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | Plastic    | 0                        | 0                          | 0   |
| PL35      | Films - Plastic Non-Bags - Other Film                  | Plastic    | 0                        | 0                          | 0   |
| PL36      | Films - Plastic Bags - Designed for Disposal           | Plastic    | 15                       | 50                         | 26  |

| MT&F Code | Material Type and Form (MT&F)   | MT&F Class | Count of Counties Served | Percent of Counties Served | Scaled Percent of Counties Served (by Solid Waste Inflow Tonnage) |
|-----------|---|------------|--------------------------|----------------------------|---|
| PL37      | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | Plastic    | 30                       | 100                        | 78  |
| PL38      | Mixed Plastic Multi-Use   | Plastic    | 30                       | 100                        | 78  |
| PL39      | Remainder/ Composite Plastic  | Plastic    | NA                       | NA                         | NA  |
| SP01      | Tires   | Other      | NA                       | NA                         | NA  |
| SP02      | Bulky Items   | Other      | 0                        | 0                          | 0   |
| SP03      | Mattresses and Foundations  | Other      | NA                       | NA                         | NA  |
| T01       | Textiles and Clothing   | Other      | 0                        | 0                          | 0   |
| X01       | Gable-top Cartons/ Aseptics - CRV                                       | Fiber      | NA                       | NA                         | NA  |
| X02       | Gable-top Cartons - non-CRV   | Fiber      | 9                        | 30                         | 18  |
| X03       | Aseptic Containers - non-CRV  | Fiber      | 9                        | 30                         | 18  |
| X04       | Mailing Pouches and Shipping Envelopes                                  | Other      | 0                        | 0                          | 0   |
| X05       | Other Multi-Material Laminate Single-Use                                | Other      | 0                        | 0                          | 0   |
| X06       | Single-Use Ceramic Packaging  | Other      | 0                        | 0                          | 0   |
| X08       | Plant Material Food Service Ware  | Other      | 0                        | 0                          | 0   |
| X09       | Treated Wood  | Other      | 0                        | 0                          | 0   |
| X10       | Green Material, Clean Wood, and Food Scraps                             | Other      | 0                        | 0                          | 0   |
| X11       | Mixed Material Single-Use   | Other      | 0                        | 0                          | 0   |
| X12       | Remainder/ Composite Mixed Material Multi-Use                           | Other      | NA                       | NA                         | NA  |
| X13       | Fines and Residuals   | Other      | NA                       | NA                         | NA  |

## Section 2.4: Rare Materials in Material Characterization Study

The tables below display the material types and forms present in each outflow at low volumes (each Material Type and Form makes up under 1% of the total composition of the outflow). This is an extension of the more common material types and forms in outflows described in Table 3 of the main report. As depicted in Table 3, tables in Section 2.4 are split by outflow material: Fiber (Table G1), Glass (Table G2), Metal (Table G3), Plastic (Table G4), and Residual (Table G5). The first column of each table indicates the outflow name, and the second column indicates the total number of samples (hand sort and visual characterization combined) of each outflow. Column three through five describe the Material Type and Form by Material Type and Form Class, SB 343 Material Type and Form name, and Material Type and Form code, respectively. Column six indicates the mean percent composition of the outflow made up by each of the rare material types and forms, and column seven indicates the standard deviation (SD). All rows with “NA” in column seven indicate that there was only one sample of the relevant outflow.

**Table G1. Fiber Material Class – Rare Materials in Material Characterization Study**

| Outflow Name                 | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                          | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|------------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
| Gable Top and Aseptic Carton | 15                 | Fiber      | Folded Paper Containers and Other Paperboard Packaging | F06       | 0.543%                            | 0.565%                          |
|                              |                    | Fiber      | Composite Food Service Paper and Packaging             | F10       | 0.487%                            | 0.748%                          |
|                              |                    | Fiber      | Magazines and Catalogs                                 | F04       | 0.452%                            | 1.413%                          |
|                              |                    | Other      | Mixed Material Single-Use                              | X11       | 0.378%                            | 0.749%                          |
|                              |                    | Plastic    | Other PET Clear Single-Use Rigids                      | PL06      | 0.207%                            | 0.397%                          |
|                              |                    | Plastic    | Films - Plastic Bags - Designed for Disposal           | PL36      | 0.156%                            | 0.541%                          |
| Gable-top and Aseptic Carton | 15                 | Other      | Other Multi-Material Laminate Single-Use               | X05       | 0.127%                            | 0.344%                          |

| Outflow Name                 | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                                  | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|------------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                              |                    | Plastic    | PP Pigmented Single-Use Rigid                                  | PL23      | 0.120%                            | 0.218%                          |
|                              |                    | Other      | Fines and Residuals  | X13       | 0.107%                            | 0.193%                          |
|                              |                    | Fiber      | Other Mixed Paper  | F07       | 0.105%                            | 0.188%                          |
|                              |                    | Fiber      | White Office-Type Paper and Mail                               | F02       | 0.086%                            | 0.208%                          |
|                              |                    | Fiber      | Remainder/ Composite Fiber                                     | F12       | 0.076%                            | 0.139%                          |
|                              |                    | Plastic    | PET Clear Beverage Bottles - CRV                               | PL02      | 0.050%                            | 0.095%                          |
|                              |                    | Plastic    | HDPE Clear Beverage Bottles - non-CRV                          | PL09      | 0.041%                            | 0.064%                          |
|                              |                    | Plastic    | HDPE Pigmented Single-Use Rigid                                | PL14      | 0.037%                            | 0.059%                          |
|                              |                    | Metal      | Aluminum Beverage Cans - CRV                                   | M02       | 0.035%                            | 0.064%                          |
|                              |                    | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | F01       | 0.035%                            | 0.094%                          |
|                              |                    | Metal      | Aluminum Cans and Lids - non-CRV                               | M01       | 0.034%                            | 0.114%                          |
|                              |                    | Plastic    | PP Clear Single-Use Rigid                                      | PL22      | 0.033%                            | 0.045%                          |
|                              |                    |            |  |           |                                   |                                 |
| Gable-top and Aseptic Carton | 15                 | Metal      | Tin/Steel Cans, Lids - non-CRV                                 | M07       | 0.021%                            | 0.038%                          |
|                              |                    | Plastic    | PS Expanded - Packaging  | PL27      | 0.020%                            | 0.029%                          |

| Outflow Name                 | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|------------------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                              |                    | Plastic    | PVC Multi-Use   | PL17      | 0.020%                            | 0.063%                          |
|                              |                    | Other      | Household Hazardous Waste   | H01       | 0.020%                            | 0.063%                          |
|                              |                    | Plastic    | PET Thermoformed Clamshells and Containers                              | PL05      | 0.018%                            | 0.046%                          |
|                              |                    | Plastic    | Films - Plastic Non-Bags - Other Film                                   | PL35      | 0.017%                            | 0.019%                          |
|                              |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.016%                            | 0.023%                          |
|                              |                    | Plastic    | Mixed Plastic Multi-Use   | PL38      | 0.014%                            | 0.018%                          |
|                              |                    | Fiber      | Uncoated Soiled Fiber Products  | F11       | 0.012%                            | 0.031%                          |
|                              |                    | Plastic    | PET Pigmented Bottles - non-CRV   | PL03      | 0.012%                            | 0.031%                          |
|                              |                    | Fiber      | Paper Bags and Kraft Paper  | F05       | 0.011%                            | 0.033%                          |
|                              |                    | Fiber      | Newspapers/ Newspaper Inserts   | F03       | 0.010%                            | 0.017%                          |
|                              |                    | Plastic    | Other HDPE Multi-Use Rigid  | PL15      | 0.009%                            | 0.047%                          |
|                              |                    | Plastic    | Other HDPE Clear Single-Use Rigid                                       | PL13      | 0.008%                            | 0.026%                          |
| Gable-top and Aseptic Carton | 15                 | Other      | Mailing Pouches and Shipping Envelopes                                  | X04       | 0.004%                            | 0.011%                          |
|                              |                    | Metal      | Other Ferrous Metal   | M12       | 0.004%                            | 0.012%                          |
|                              |                    |            |   |           |                                   |                                 |

| Outflow Name | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                 | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|              |                    | Plastic    | HDPE Clear Beverage Bottles - CRV             | PL10      | 0.004%                            | 0.012%                          |
|              |                    | Metal      | Aluminum Foil (<3 mm), Sheets                 | M05       | 0.002%                            | 0.005%                          |
|              |                    | Metal      | Aluminum Foil (>3 mm), Molded Containers      | M06       | 0.002%                            | 0.005%                          |
|              |                    | Metal      | Aluminum Bottles - non-CRV                    | M03       | 0.000%                            | 0.001%                          |
| OCC          | 31                 | Fiber      | Composite Food Service Paper and Packaging    | F10       | 0.633%                            | 1.216%                          |
|              |                    | Fiber      | Remainder/ Composite Fiber                    | F12       | 0.592%                            | 0.717%                          |
|              |                    | Fiber      | Paper Bags and Kraft Paper                    | F05       | 0.581%                            | 0.593%                          |
|              |                    | Fiber      | Uncoated Soiled Fiber Products                | F11       | 0.370%                            | 0.562%                          |
|              |                    | Other      | Remainder/ Composite Mixed Material Multi-Use | X12       | 0.276%                            | 0.538%                          |
|              |                    | Other      | Textiles and Clothing                         | T01       | 0.266%                            | 0.483%                          |
|              |                    | Metal      | Other Nonferrous Metal                        | M13       | 0.205%                            | 0.457%                          |
|              |                    | Fiber      | White Office-Type Paper and Mail              | F02       | 0.197%                            | 0.358%                          |
|              |                    | Other      | Mixed Material Single-Use                     | X11       | 0.172%                            | 0.476%                          |
| OCC          | 31                 | Plastic    | Films - Plastic Bags - Designed for Disposal  | PL36      | 0.172%                            | 0.239%                          |
|              |                    | Fiber      | Uncoated Fiber-Based Food Service Ware        | F09       | 0.170%                            | 0.373%                          |
|              |                    | Fiber      | Newspapers/ Newspaper Inserts                 | F03       | 0.161%                            | 0.421%                          |
|              |                    | Other      | Fines and Residuals                           | X13       | 0.153%                            | 0.249%                          |
|              |                    | Fiber      | Clean Molded Paper Fiber                      | F08       | 0.135%                            | 0.276%                          |
|              |                    | Plastic    | Films - Plastic Non-Bags - Other Film         | PL35      | 0.135%                            | 0.193%                          |

| Outflow Name | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|              |                    | Plastic    | Mixed Plastic Multi-Use   | PL38      | 0.129%                            | 0.413%                          |
|              |                    | Plastic    | HDPE Pigmented Single-Use Rigids  | PL14      | 0.112%                            | 0.201%                          |
|              |                    | Plastic    | Remainder/ Composite Plastic  | PL39      | 0.111%                            | 0.287%                          |
|              |                    | Plastic    | Films - Plastic Non-Bags - Agricultural and Commercial                  | PL34      | 0.108%                            | 0.154%                          |
|              |                    | Fiber      | Magazines and Catalogs  | F04       | 0.106%                            | 0.285%                          |
|              |                    | Other      | Treated Wood  | X09       | 0.081%                            | 0.304%                          |
|              |                    | Plastic    | PP Pigmented Single-Use Rigids  | PL23      | 0.073%                            | 0.150%                          |
|              |                    | Plastic    | Other HDPE Clear Single-Use Rigids                                      | PL13      | 0.068%                            | 0.148%                          |
|              |                    | Plastic    | PET Clear Beverage Bottles - CRV  | PL02      | 0.058%                            | 0.092%                          |
|              |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.051%                            | 0.077%                          |
|              |                    | Plastic    | PS Expanded - Packaging   | PL27      | 0.051%                            | 0.090%                          |
|              |                    | Plastic    | Films - Plastic Bags - Designed for Reuse                               | PL33      | 0.047%                            | 0.109%                          |
|              |                    | Plastic    | HDPE Clear Beverage Bottles - non-CRV                                   | PL09      | 0.043%                            | 0.104%                          |
|              |                    | Other      | Green Material, Clean Wood, and Food Scraps                             | X10       | 0.042%                            | 0.069%                          |
| OCC          | 31                 | Plastic    | Other PET Clear Single-Use Rigids                                       | PL06      | 0.033%                            | 0.101%                          |
|              |                    | Metal      | Tin/Steel Cans, Lids - non-CRV  | M07       | 0.031%                            | 0.083%                          |
|              |                    | Glass      | Glass Beverage Containers - Brown/Amber - CRV                           | G06       | 0.031%                            | 0.110%                          |
|              |                    | Plastic    | PET Thermoformed Clamshells and Containers                              | PL05      | 0.030%                            | 0.066%                          |
|              |                    | Plastic    | PP Multi-Use  | PL24      | 0.030%                            | 0.062%                          |
|              |                    |            |   |           |                                   |                                 |

| Outflow Name | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|              |                    | Fiber      | Aseptic Containers - non-CRV                    | X03       | 0.029%                            | 0.085%                          |
|              |                    | Metal      | Other Ferrous Metal                             | M12       | 0.025%                            | 0.106%                          |
|              |                    | Plastic    | HDPE Clear Beverage Bottles - CRV               | PL10      | 0.023%                            | 0.077%                          |
|              |                    | Plastic    | PET Clear Bottles - non-CRV                     | PL01      | 0.017%                            | 0.058%                          |
|              |                    | Plastic    | Other HDPE Multi-Use Rigids                     | PL15      | 0.014%                            | 0.078%                          |
|              |                    | Metal      | Aluminum Beverage Cans - CRV                    | M02       | 0.013%                            | 0.026%                          |
|              |                    | Other      | Mailing Pouches and Shipping Envelopes          | X04       | 0.010%                            | 0.024%                          |
|              |                    | Plastic    | PP Clear Single-Use Rigids                      | PL22      | 0.008%                            | 0.017%                          |
|              |                    | Glass      | Remainder/ Composite Glass                      | G09       | 0.007%                            | 0.019%                          |
|              |                    | Plastic    | PET Pigmented Bottles - non-CRV                 | PL03      | 0.007%                            | 0.017%                          |
|              |                    | Plastic    | Plastic Wine Bladders                           | PL31      | 0.005%                            | 0.021%                          |
|              |                    | Other      | Other Multi-Material Laminate Single-Use        | X05       | 0.005%                            | 0.019%                          |
|              |                    | Glass      | Glass Beverage Containers - Green/Emerald - CRV | G04       | 0.005%                            | 0.019%                          |
| OCC          | 31                 | Metal      | Aluminum Cans and Lids - non-CRV                | M01       | 0.005%                            | 0.009%                          |
|              |                    | Metal      | Aluminum Foil (>3 mm), Molded Containers        | M06       | 0.005%                            | 0.013%                          |
|              |                    | Plastic    | LDPE Clear Single-Use Rigids                    | PL19      | 0.005%                            | 0.013%                          |
|              |                    | Glass      | Glass Containers - Other Colors - non-CRV       | G07       | 0.005%                            | 0.019%                          |
|              |                    | Plastic    | PVC Multi-Use                                   | PL17      | 0.004%                            | 0.019%                          |
|              |                    | Metal      | Remainder/ Composite Metal                      | M14       | 0.004%                            | 0.016%                          |
|              |                    | Plastic    | Other (7) Single-Use Rigids                     | PL30      | 0.003%                            | 0.016%                          |
|              |                    | Plastic    | PS Densified: Multi-Use                         | PL29      | 0.003%                            | 0.010%                          |

| Outflow Name        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                     |                    | Plastic    | Other PET Pigmented Single-Use Rigid         | PL07      | 0.002%                            | 0.009%                          |
|                     |                    | Metal      | Aluminum Bottles - non-CRV                   | M03       | 0.001%                            | 0.007%                          |
|                     |                    | Plastic    | PS Expanded - Food Service Ware              | PL28      | 0.001%                            | 0.008%                          |
|                     |                    | Glass      | Glass Containers - Brown/ Amber - non-CRV    | G05       | 0.001%                            | 0.004%                          |
| ONP and Mixed Paper | 44                 | Other      | Mixed Material Single-Use                    | X11       | 0.916%                            | 1.137%                          |
|                     |                    | Fiber      | Uncoated Fiber-Based Food Service Ware       | F09       | 0.872%                            | 1.093%                          |
|                     |                    | Plastic    | Films - Plastic Bags - Designed for Disposal | PL36      | 0.673%                            | 0.746%                          |
|                     |                    | Other      | Textiles and Clothing                        | T01       | 0.616%                            | 0.649%                          |
|                     |                    | Plastic    | Films - Plastic Non-Bags - Other Film        | PL35      | 0.602%                            | 0.535%                          |
| ONP and Mixed Paper | 44                 | Plastic    | Mixed Plastic Multi-Use                      | PL38      | 0.492%                            | 0.503%                          |
|                     |                    | Other      | Fines and Residuals                          | X13       | 0.460%                            | 0.487%                          |
|                     |                    | Plastic    | PET Thermoformed Clamshells and Containers   | PL05      | 0.444%                            | 0.660%                          |
|                     |                    | Fiber      | Clean Molded Paper Fiber                     | F08       | 0.374%                            | 0.409%                          |
|                     |                    | Fiber      | Gable-top Cartons - Non-CRV                  | X02       | 0.350%                            | 0.415%                          |
|                     |                    | Other      | Green Material, Clean Wood, and Food Scraps  | X10       | 0.333%                            | 0.438%                          |

| Outflow Name        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                     |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.291%                            | 0.500%                          |
|                     |                    | Plastic    | PS Expanded - Packaging   | PL27      | 0.235%                            | 0.429%                          |
|                     |                    | Plastic    | PP Pigmented Single-Use Rigids  | PL23      | 0.208%                            | 0.231%                          |
|                     |                    | Plastic    | PET Clear Beverage Bottles - CRV  | PL02      | 0.194%                            | 0.166%                          |
|                     |                    | Metal      | Aluminum Beverage Cans - CRV  | M02       | 0.167%                            | 0.258%                          |
|                     |                    | Plastic    | PP Clear Single-Use Rigids  | PL22      | 0.149%                            | 0.160%                          |
|                     |                    | Other      | Treated Wood  | X09       | 0.148%                            | 0.454%                          |
| ONP and Mixed Paper | 44                 | Plastic    | Films - Plastic Bags - Designed for Reuse                               | PL33      | 0.143%                            | 0.179%                          |
|                     |                    | Plastic    | HDPE Pigmented Single-Use Rigids  | PL14      | 0.126%                            | 0.289%                          |
|                     |                    | Plastic    | PP Multi-Use  | PL24      | 0.121%                            | 0.357%                          |
|                     |                    | Plastic    | Other PET Clear Single-Use Rigids                                       | PL06      | 0.118%                            | 0.199%                          |
|                     |                    | Fiber      | Aseptic Containers - non-CRV  | X03       | 0.110%                            | 0.158%                          |
|                     |                    | Metal      | Tin/Steel Cans, Lids - non-CRV  | M07       | 0.107%                            | 0.201%                          |
|                     |                    | Plastic    | Remainder/ Composite Plastic  | PL39      | 0.102%                            | 0.204%                          |

| Outflow Name        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                          | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                     |                    | Metal      | Remainder/ Composite Metal                             | M14       | 0.082%                            | 0.172%                          |
|                     |                    | Plastic    | Other (7) Single-Use Rigids                            | PL30      | 0.071%                            | 0.225%                          |
|                     |                    | Plastic    | Other HDPE Clear Single-Use Rigids                     | PL13      | 0.064%                            | 0.147%                          |
|                     |                    | Metal      | Other Ferrous Metal                                    | M12       | 0.064%                            | 0.127%                          |
|                     |                    | Plastic    | PET Clear Bottles - non-CRV                            | PL01      | 0.064%                            | 0.137%                          |
|                     |                    | Plastic    | PS Expanded - Food Service Ware                        | PL28      | 0.060%                            | 0.069%                          |
| ONP and Mixed Paper | 44                 | Glass      | Remainder/ Composite Glass                             | G09       | 0.059%                            | 0.255%                          |
|                     |                    | Plastic    | HDPE Clear Beverage Bottles - non-CRV                  | PL09      | 0.059%                            | 0.122%                          |
|                     |                    | Other      | Mailing Pouches and Shipping Envelopes                 | X04       | 0.052%                            | 0.075%                          |
|                     |                    | Metal      | Other Nonferrous Metal                                 | M13       | 0.038%                            | 0.102%                          |
|                     |                    | Metal      | Aluminum Foil (<3 mm), Sheets                          | M05       | 0.037%                            | 0.045%                          |
|                     |                    | Plastic    | PS Densified: Single-Use Food Service Ware             | PL26      | 0.035%                            | 0.059%                          |
|                     |                    | Plastic    | Films - Plastic Non-Bags - Agricultural and Commercial | PL34      | 0.034%                            | 0.045%                          |
|                     |                    | Other      | Other Multi-Material Laminate Single-Use               | X05       | 0.025%                            | 0.080%                          |

| Outflow Name        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)               | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                     |                    | Plastic    | PET Pigmented Bottles - non-CRV             | PL03      | 0.022%                            | 0.050%                          |
|                     |                    | Metal      | Aluminum Cans and Lids - non-CRV            | M01       | 0.020%                            | 0.025%                          |
|                     |                    | Metal      | Aluminum Foil (>3 mm), Molded Containers    | M06       | 0.018%                            | 0.034%                          |
|                     |                    | Other      | Household Hazardous Waste                   | H01       | 0.018%                            | 0.060%                          |
|                     |                    | Plastic    | Other PET Pigmented Single-Use Rigid        | PL07      | 0.018%                            | 0.041%                          |
| ONP and Mixed Paper | 44                 | Plastic    | PET Pigmented Beverage Bottles - CRV        | PL04      | 0.017%                            | 0.041%                          |
|                     |                    | Plastic    | HDPE Clear Beverage Bottles - CRV           | PL10      | 0.017%                            | 0.086%                          |
|                     |                    | Plastic    | PS Thermoformed Clamshells and Containers   | PL25      | 0.012%                            | 0.026%                          |
|                     |                    | Metal      | Tin/Steel or Aluminum Aerosol Containers    | M10       | 0.012%                            | 0.051%                          |
|                     |                    | Glass      | Glass Containers - Green/ Emerald - non-CRV | G03       | 0.008%                            | 0.022%                          |
|                     |                    | Plastic    | HDPE Buckets: non-Food                      | PL12      | 0.008%                            | 0.041%                          |
|                     |                    | Plastic    | Films - Plastic Bags - Compostable          | PL32      | 0.007%                            | 0.018%                          |
|                     |                    | Metal      | Aluminum Bottles for Beverages - CRV        | M04       | 0.005%                            | 0.014%                          |
|                     |                    | Plastic    | LDPE Pigmented Single-Use Rigid             | PL20      | 0.004%                            | 0.014%                          |

| Outflow Name        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)             | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                     |                    | Glass      | Glass Containers - Brown/ Amber - non-CRV | G05       | 0.003%                            | 0.014%                          |
|                     |                    | Fiber      | Gable-top Cartons/ Aseptics - CRV         | X01       | 0.003%                            | 0.014%                          |
|                     |                    | Plastic    | LDPE Clear Single-Use Rigids              | PL19      | 0.003%                            | 0.010%                          |
|                     |                    | Plastic    | PVC Single-Use Rigids                     | PL16      | 0.003%                            | 0.010%                          |
| ONP and Mixed Paper | 44                 | Plastic    | PVC Multi-Use                             | PL17      | 0.002%                            | 0.017%                          |
|                     |                    | Glass      | Glass Containers - Clear/ Flint - non-CRV | G01       | 0.002%                            | 0.013%                          |
|                     |                    | Plastic    | PS Densified: Multi-Use                   | PL29      | 0.002%                            | 0.009%                          |
|                     |                    | Plastic    | Plastic Wine Bladders                     | PL31      | 0.002%                            | 0.013%                          |
|                     |                    | Plastic    | Other HDPE Multi-Use Rigids               | PL15      | 0.001%                            | 0.013%                          |
|                     |                    | Plastic    | LDPE Multi-Use                            | PL21      | 0.001%                            | 0.007%                          |
|                     |                    | Other      | Plant Material Food Service Ware          | X08       | 0.001%                            | 0.003%                          |

**Table G2. Glass Material Class – Rare Materials in Material Characterization Study**

| Outflow Name          | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-----------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
| Glass - Brown/Amber   | 1                  | Metal      | Tin/Steel Cans, Lids - non-CRV  | M07       | 0.972%                            | NA                              |
|                       |                    | Plastic    | Films - Plastic Non-Bags - Other Film                                   | PL35      | 0.660%                            | NA                              |
|                       |                    | Plastic    | PP Clear Single-Use Rigids  | PL22      | 0.417%                            | NA                              |
| Glass - Clear/Flint   | 1                  | Fiber      | Uncoated Fiber-Based Food Service Ware                                  | F09       | 0.887%                            | NA                              |
|                       |                    | Plastic    | HDPE Clear Beverage Bottles - CRV                                       | PL10      | 0.881%                            | NA                              |
|                       |                    | Other      | Green Material, Clean Wood, and Food Scraps                             | X10       | 0.664%                            | NA                              |
|                       |                    | Other      | Mixed Material Single-Use   | X11       | 0.664%                            | NA                              |
|                       |                    | Metal      | Tin/Steel Beverage Containers - CRV                                     | M08       | 0.444%                            | NA                              |
|                       |                    | Other      | Fines and Residuals   | X13       | 0.441%                            | NA                              |
| Glass - Green/Emerald | 1                  | Metal      | Tin/Steel Cans, Lids - non-CRV  | M07       | 0.793%                            | NA                              |
|                       |                    | Other      | Fines and Residuals   | X13       | 0.376%                            | NA                              |
|                       |                    | Plastic    | Films - Plastic Non-Bags - Other Film                                   | PL35      | 0.376%                            | NA                              |
| Mixed Glass           | 39                 | Glass      | Glass Beverage Containers - Clear/Flint - CRV                           | G02       | 0.867%                            | 3.216%                          |
|                       |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.813%                            | 1.267%                          |
| Mixed Glass           | 39                 | Other      | Remainder/ Composite Mixed Material Multi-Use                           | X12       | 0.651%                            | 1.191%                          |

| Outflow Name | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                                  | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|              |                    | Plastic    | Remainder/ Composite Plastic                                   | PL39      | 0.644%                            | 1.350%                          |
|              |                    | Plastic    | Mixed Plastic Multi-Use  | PL38      | 0.640%                            | 0.698%                          |
|              |                    | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | F01       | 0.554%                            | 0.707%                          |
|              |                    | Fiber      | Folded Paper Containers and Other Paperboard Packaging         | F06       | 0.506%                            | 0.676%                          |
| Mixed Glass  | 39                 | Fiber      | Composite Food Service Paper and Packaging                     | F10       | 0.231%                            | 0.485%                          |
|              |                    | Plastic    | Films - Plastic Non-Bags - Other Film                          | PL35      | 0.187%                            | 0.394%                          |
|              |                    | Plastic    | PS Expanded - Packaging  | PL27      | 0.166%                            | 0.402%                          |
|              |                    | Metal      | Other Ferrous Metal  | M12       | 0.157%                            | 0.385%                          |
|              |                    | Other      | Treated Wood   | X09       | 0.154%                            | 0.322%                          |
|              |                    | Fiber      | Paper Bags and Kraft Paper                                     | F05       | 0.152%                            | 0.445%                          |
|              |                    | Other      | Textiles and Clothing  | T01       | 0.152%                            | 0.327%                          |
|              |                    | Fiber      | White Office-Type Paper and Mail                               | F02       | 0.151%                            | 0.299%                          |
|              |                    | Metal      | Aluminum Beverage Cans - CRV                                   | M02       | 0.149%                            | 0.285%                          |
|              |                    | Glass      | Glass Beverage Containers - Brown/Amber - CRV                  | G06       | 0.138%                            | 0.549%                          |
|              |                    | Other      | Household Hazardous Waste                                      | H01       | 0.129%                            | 0.293%                          |
|              |                    | Fiber      | Uncoated Fiber-Based Food Service Ware                         | F09       | 0.113%                            | 0.280%                          |
|              |                    | Plastic    | PP Clear Single-Use Rigids                                     | PL22      | 0.096%                            | 0.289%                          |
|              |                    | Plastic    | PET Clear Beverage Bottles - CRV                               | PL02      | 0.094%                            | 0.232%                          |
|              |                    | Plastic    | PP Pigmented Single-Use Rigids                                 | PL23      | 0.093%                            | 0.315%                          |
|              |                    | Fiber      | Newspapers/ Newspaper Inserts                                  | F03       | 0.093%                            | 0.255%                          |

| Outflow Name | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|              |                    | Glass      | Glass Beverage Containers - Green/Emerald - CRV | G04       | 0.084%                            | 0.488%                          |
|              |                    | Metal      | Aluminum Cans and Lids - non-CRV                | M01       | 0.083%                            | 0.119%                          |
|              |                    | Fiber      | Clean Molded Paper Fiber                        | F08       | 0.075%                            | 0.176%                          |
|              |                    | Metal      | Other Nonferrous Metal                          | M13       | 0.074%                            | 0.133%                          |
|              |                    | Metal      | Remainder/ Composite Metal                      | M14       | 0.071%                            | 0.222%                          |
| Mixed Glass  | 39                 | Plastic    | Other HDPE Multi-Use Rigid                      | PL15      | 0.066%                            | 0.275%                          |
|              |                    | Plastic    | PS Expanded - Food Service Ware                 | PL28      | 0.061%                            | 0.110%                          |
|              |                    | Metal      | Aluminum Foil (<3 mm), Sheets                   | M05       | 0.046%                            | 0.097%                          |
|              |                    | Plastic    | HDPE Pigmented Single-Use Rigid                 | PL14      | 0.045%                            | 0.169%                          |
|              |                    | Plastic    | Films - Plastic Bags - Designed for Disposal    | PL36      | 0.041%                            | 0.095%                          |
|              |                    | Fiber      | Uncoated Soiled Fiber Products                  | F11       | 0.040%                            | 0.105%                          |
|              |                    | Plastic    | Other HDPE Clear Single-Use Rigid               | PL13      | 0.038%                            | 0.163%                          |
|              |                    | Plastic    | Other (7) Single-Use Rigid                      | PL30      | 0.036%                            | 0.104%                          |
|              |                    | Plastic    | PET Pigmented Beverage Bottles - CRV            | PL04      | 0.034%                            | 0.136%                          |
|              |                    | Plastic    | Other PET Clear Single-Use Rigid                | PL06      | 0.027%                            | 0.107%                          |
|              |                    | Plastic    | PVC Multi-Use                                   | PL17      | 0.021%                            | 0.079%                          |
|              |                    | Plastic    | PS Densified: Single-Use Food Service Ware      | PL26      | 0.019%                            | 0.045%                          |
|              |                    | Fiber      | Magazines and Catalogs                          | F04       | 0.018%                            | 0.072%                          |
|              |                    | Plastic    | PP Multi-Use                                    | PL24      | 0.013%                            | 0.059%                          |
|              |                    | Fiber      | Gable-top Cartons - Non-CRV                     | X02       | 0.013%                            | 0.054%                          |
|              |                    | Fiber      | Aseptic Containers - Non-CRV                    | X03       | 0.012%                            | 0.059%                          |
|              |                    | Plastic    | PS Thermoformed Clamshells and Containers       | PL25      | 0.012%                            | 0.034%                          |

| Outflow Name | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)              | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|              |                    | Other      | Mailing Pouches and Shipping Envelopes     | X04       | 0.010%                            | 0.055%                          |
|              |                    | Plastic    | PET Clear Bottles - non-CRV                | PL01      | 0.008%                            | 0.051%                          |
|              |                    | Plastic    | LDPE Pigmented Single-Use Rigids           | PL20      | 0.007%                            | 0.027%                          |
|              |                    | Plastic    | PET Pigmented Bottles - non-CRV            | PL03      | 0.007%                            | 0.027%                          |
| Mixed Glass  | 39                 | Plastic    | PET Thermoformed Clamshells and Containers | PL05      | 0.007%                            | 0.045%                          |
|              |                    | Other      | Plant Material Food Service Ware           | X08       | 0.006%                            | 0.028%                          |
|              |                    | Metal      | Tin/Steel Cans, Lids - non-CRV             | M07       | 0.005%                            | 0.029%                          |

**Table G3. Metal Material Class – Rare Materials in Material Characterization Study**

| Outflow Name   | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|----------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
| Aluminum - UBC | 25                 | Metal      | Aluminum Bottles for Beverages - CRV                                    | M04       | 0.432%                            | 0.674%                          |
|                |                    | Metal      | Tin/Steel Cans, Lids - non-CRV  | M07       | 0.396%                            | 0.637%                          |
|                |                    | Fiber      | White Office-Type Paper and Mail  | F02       | 0.296%                            | 0.539%                          |
|                |                    | Plastic    | PET Clear Beverage Bottles - CRV  | PL02      | 0.250%                            | 0.423%                          |
|                |                    | Metal      | Other Ferrous Metal   | M12       | 0.200%                            | 0.668%                          |
|                |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.199%                            | 0.389%                          |
|                |                    | Metal      | Aluminum Foil (<3 mm), Sheets   | M05       | 0.198%                            | 0.386%                          |
|                |                    | Plastic    | HDPE Clear Beverage Bottles - CRV                                       | PL10      | 0.117%                            | 0.316%                          |
|                |                    | Plastic    | PP Clear Single-Use Rigids  | PL22      | 0.117%                            | 0.316%                          |

| Outflow Name     | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                  |                    | Other      | Green Material, Clean Wood, and Food Scraps  | X10       | 0.115%                            | 0.310%                          |
|                  |                    | Plastic    | PP Multi-Use                                 | PL24      | 0.115%                            | 0.310%                          |
|                  |                    | Other      | Mixed Material Single-Use                    | X11       | 0.100%                            | 0.331%                          |
| Aluminum - UBC   | 25                 | Plastic    | Other PET Pigmented Single-Use Rigid         | PL07      | 0.099%                            | 0.292%                          |
|                  |                    | Fiber      | Uncoated Fiber-Based Food Service Ware       | F09       | 0.080%                            | 0.262%                          |
|                  |                    | Plastic    | PS Expanded - Packaging                      | PL27      | 0.080%                            | 0.262%                          |
|                  |                    | Plastic    | PET Clear Bottles - non-CRV                  | PL01      | 0.080%                            | 0.262%                          |
|                  |                    | Plastic    | Films - Plastic Bags - Designed for Disposal | PL36      | 0.050%                            | 0.213%                          |
| Aluminum - Other | 11                 | Metal      | Remainder/ Composite Metal                   | M14       | 0.767%                            | 1.373%                          |
|                  |                    | Other      | Household Hazardous Waste                    | H01       | 0.714%                            | 1.192%                          |
|                  |                    | Other      | Green Material, Clean Wood, and Food Scraps  | X10       | 0.391%                            | 0.728%                          |
|                  |                    | Plastic    | PP Clear Single-Use Rigid                    | PL22      | 0.218%                            | 0.486%                          |
|                  |                    | Plastic    | PP Pigmented Single-Use Rigid                | PL23      | 0.150%                            | 0.211%                          |
|                  |                    | Plastic    | Films - Plastic Bags - Designed for Disposal | PL36      | 0.137%                            | 0.174%                          |
|                  |                    | Plastic    | HDPE Pigmented Single-Use Rigid              | PL14      | 0.126%                            | 0.306%                          |
|                  |                    | Plastic    | Other (7) Single-Use Rigid                   | PL30      | 0.109%                            | 0.266%                          |
|                  |                    | Fiber      | Aseptic Containers - non-CRV                 | X03       | 0.084%                            | 0.194%                          |
| Aluminum - Other | 11                 | Fiber      | Uncoated Fiber-Based Food Service Ware       | F09       | 0.071%                            | 0.213%                          |
|                  |                    | Fiber      | Other Mixed Paper                            | F07       | 0.067%                            | 0.081%                          |

| Outflow Name                            | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)              | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|   |                    | Plastic    | Other PET Clear Single-Use Rigid           | PL06      | 0.062%                            | 0.100%                          |
|   |                    | Plastic    | PET Thermoformed Clamshells and Containers | PL05      | 0.040%                            | 0.115%                          |
| Aluminum - Other                        | 11                 | Plastic    | Other PET Pigmented Single-Use Rigid       | PL07      | 0.026%                            | 0.115%                          |
|   |                    | Plastic    | PET Clear Beverage Bottles - CRV           | PL02      | 0.018%                            | 0.044%                          |
|   |                    | Plastic    | PS Densified: Single-Use Food Service Ware | PL26      | 0.011%                            | 0.041%                          |
|   |                    | Plastic    | Films - Plastic Non-Bags - Other Film      | PL35      | 0.005%                            | 0.013%                          |
| Mixed Metal - Ferrous - Steel/ Tin Cans | 30                 | Metal      | Aluminum Cans and Lids - non-CRV           | M01       | 0.742%                            | 1.323%                          |
|   |                    | Other      | Mixed Material Single-Use                  | X11       | 0.591%                            | 1.092%                          |
|   |                    | Metal      | Tin/Steel Beverage Containers - CRV        | M08       | 0.577%                            | 0.948%                          |
|   |                    | Other      | Household Hazardous Waste                  | H01       | 0.488%                            | 2.627%                          |
|   |                    | Other      | Fines and Residuals                        | X13       | 0.292%                            | 0.634%                          |
|   |                    | Fiber      | Remainder/ Composite Fiber                 | F12       | 0.244%                            | 0.561%                          |
|   |                    |            |  |           |                                   |                                 |

| Outflow Name                            | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                                  | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
| Mixed Metal - Ferrous - Steel/ Tin Cans | 30                 | Metal      | Aluminum Beverage Cans - CRV                                   | M02       | 0.229%                            | 1.040%                          |
|   |                    | Metal      | Aluminum Foil (>3 mm), Molded Containers                       | M06       | 0.228%                            | 0.764%                          |
|   |                    | Plastic    | Remainder/ Composite Plastic                                   | PL39      | 0.174%                            | 0.530%                          |
|   |                    | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | F01       | 0.162%                            | 0.558%                          |
|   |                    | Plastic    | PET Clear Beverage Bottles - CRV                               | PL02      | 0.124%                            | 0.233%                          |
|   |                    | Fiber      | Folded Paper Containers and Other Paperboard Packaging         | F06       | 0.117%                            | 0.333%                          |
|   |                    | Plastic    | HDPE Pigmented Single-Use Rigids                               | PL14      | 0.106%                            | 0.451%                          |
|   |                    | Plastic    | Mixed Plastic Multi-Use  | PL38      | 0.078%                            | 0.305%                          |
|   |                    | Plastic    | Films - Plastic Non-Bags - Other Film                          | PL35      | 0.077%                            | 0.116%                          |

| Outflow Name                            | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
| Mixed Metal - Ferrous - Steel/ Tin Cans | 30                 | Fiber      | Other Mixed Paper   | F07       | 0.073%                            | 0.109%                          |
|   |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.066%                            | 0.194%                          |
|   |                    | Plastic    | Other PET Clear Single-Use Rigid  | PL06      | 0.050%                            | 0.137%                          |
|   |                    | Fiber      | Composite Food Service Paper and Packaging                              | F10       | 0.047%                            | 0.146%                          |
|   |                    | Plastic    | PET Clear Bottles - non-CRV   | PL01      | 0.043%                            | 0.165%                          |
|   |                    | Fiber      | Uncoated Soiled Fiber Products  | F11       | 0.038%                            | 0.075%                          |
|   |                    | Plastic    | HDPE Clear Beverage Bottles - non-CRV                                   | PL09      | 0.038%                            | 0.124%                          |
|   |                    | Metal      | Aluminum Bottles for Beverages - CRV                                    | M04       | 0.035%                            | 0.219%                          |
|   |                    | Plastic    | Films - Plastic Bags - Designed for Disposal                            | PL36      | 0.031%                            | 0.066%                          |

| Outflow Name                            | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)     | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---|--------------------|------------|-----------------------------------|-----------|-----------------------------------|---------------------------------|
| Mixed Metal - Ferrous - Steel/ Tin Cans | 30                 | Plastic    | PS Expanded - Packaging           | PL27      | 0.030%                            | 0.068%                          |
|   |                    | Fiber      | White Office-Type Paper and Mail  | F02       | 0.029%                            | 0.068%                          |
|   |                    | Plastic    | PET Pigmented Bottles - non-CRV   | PL03      | 0.028%                            | 0.088%                          |
|   |                    | Metal      | Aluminum Bottles - non-CRV        | M03       | 0.021%                            | 0.105%                          |
|   |                    | Plastic    | PS Expanded - Food Service Ware   | PL28      | 0.021%                            | 0.105%                          |
|   |                    | Plastic    | PP Pigmented Single-Use Rigid     | PL23      | 0.013%                            | 0.044%                          |
|   |                    | Fiber      | Magazines and Catalogs            | F04       | 0.011%                            | 0.044%                          |
|   |                    | Fiber      | Paper Bags and Kraft Paper        | F05       | 0.011%                            | 0.044%                          |
|   |                    | Plastic    | Other HDPE Clear Single-Use Rigid | PL13      | 0.011%                            | 0.058%                          |
|   |                    |            |                                   |           |                                   |                                 |

| Outflow Name                            | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
| Mixed Metal - Ferrous - Steel/ Tin Cans | 30                 | Plastic    | PET Thermoformed Clamshells and Containers                              | PL05      | 0.008%                            | 0.037%                          |
|   |                    | Fiber      | Gable-top Cartons - Non-CRV   | X02       | 0.008%                            | 0.036%                          |
|   |                    | Other      | Textiles and Clothing   | T01       | 0.007%                            | 0.036%                          |
|   |                    | Plastic    | Films - Plastic Non-Bags - Agricultural and Commercial                  | PL34      | 0.007%                            | 0.034%                          |
| Mixed Metal - Large                     | 19                 | Metal      | Tin/Steel or Aluminum Aerosol Containers                                | M10       | 0.782%                            | 1.818%                          |
|   |                    | Metal      | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders                  | M11       | 0.781%                            | 1.814%                          |
|   |                    | Plastic    | Remainder/ Composite Plastic  | PL39      | 0.219%                            | 0.525%                          |
|   |                    | Plastic    | Films - Plastic Non-Bags - Agricultural and Commercial                  | PL34      | 0.082%                            | 0.254%                          |
|   |                    | Fiber      | White Office-Type Paper and Mail  | F02       | 0.071%                            | 0.202%                          |
|   |                    | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)          | F01       | 0.053%                            | 0.152%                          |
|   |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.018%                            | 0.051%                          |
| Mixed Metal - Large                     | 19                 | Fiber      | Other Mixed Paper   | F07       | 0.018%                            | 0.051%                          |

| Outflow Name              | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                          | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                           |                    | Plastic    | Films - Plastic Bags - Designed for Disposal           | PL36      | 0.016%                            | 0.051%                          |
|                           |                    | Metal      | Aluminum Cans and Lids - non-CRV                       | M01       | 0.016%                            | 0.051%                          |
|                           |                    | Other      | Fines and Residuals                                    | X13       | 0.015%                            | 0.052%                          |
|                           |                    | Plastic    | Films - Plastic Non-Bags - Other Film                  | PL35      | 0.010%                            | 0.040%                          |
| Mixed Metal - Non-Ferrous | 27                 | Plastic    | Remainder/ Composite Plastic                           | PL39      | 0.717%                            | 2.180%                          |
|                           |                    | Metal      | Aluminum Bottles - non-CRV                             | M03       | 0.490%                            | 1.293%                          |
|                           |                    | Plastic    | Mixed Plastic Multi-Use                                | PL38      | 0.441%                            | 1.633%                          |
|                           |                    | Fiber      | Composite Food Service Paper and Packaging             | F10       | 0.389%                            | 1.098%                          |
|                           |                    | Plastic    | Films - Plastic Non-Bags - Other Film                  | PL35      | 0.287%                            | 0.307%                          |
|                           |                    | Other      | Household Hazardous Waste                              | H01       | 0.287%                            | 1.187%                          |
|                           |                    | Fiber      | Folded Paper Containers and Other Paperboard Packaging | F06       | 0.207%                            | 0.483%                          |
|                           |                    | Fiber      | Other Mixed Paper                                      | F07       | 0.175%                            | 0.193%                          |
| Mixed Metal - Non-Ferrous | 27                 | Fiber      | Aseptic Containers - non-CRV                           | X03       | 0.159%                            | 0.305%                          |
|                           |                    | Other      | Fines and Residuals                                    | X13       | 0.144%                            | 0.265%                          |

| Outflow Name              | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                           |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.123%                            | 0.134%                          |
|                           |                    | Plastic    | HDPE Pigmented Single-Use Rigid   | PL14      | 0.114%                            | 0.199%                          |
|                           |                    | Plastic    | PET Clear Beverage Bottles - CRV  | PL02      | 0.109%                            | 0.171%                          |
|                           |                    | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)          | F01       | 0.102%                            | 0.217%                          |
|                           |                    | Fiber      | White Office-Type Paper and Mail  | F02       | 0.102%                            | 0.110%                          |
|                           |                    | Plastic    | PP Pigmented Single-Use Rigid   | PL23      | 0.101%                            | 0.127%                          |
|                           |                    | Fiber      | Uncoated Soiled Fiber Products  | F11       | 0.101%                            | 0.120%                          |
|                           |                    | Fiber      | Remainder/ Composite Fiber  | F12       | 0.089%                            | 0.166%                          |
|                           |                    | Plastic    | PS Expanded - Packaging   | PL27      | 0.085%                            | 0.090%                          |
|                           |                    | Metal      | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders                  | M11       | 0.067%                            | 0.536%                          |
|                           |                    | Plastic    | PET Thermoformed Clamshells and Containers                              | PL05      | 0.066%                            | 0.131%                          |
|                           |                    |            |   |           |                                   |                                 |
| Mixed Metal - Non-Ferrous | 27                 | Plastic    | PS Expanded - Food Service Ware   | PL28      | 0.051%                            | 0.076%                          |
|                           |                    | Other      | Mixed Material Single-Use   | X11       | 0.049%                            | 0.166%                          |
|                           |                    | Plastic    | Other PET Clear Single-Use Rigid  | PL06      | 0.049%                            | 0.099%                          |

| Outflow Name              | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                           |                    | Plastic    | PET Pigmented Bottles - non-CRV              | PL03      | 0.048%                            | 0.233%                          |
|                           |                    | Fiber      | Paper Bags and Kraft Paper                   | F05       | 0.045%                            | 0.170%                          |
|                           |                    | Fiber      | Uncoated Fiber-Based Food Service Ware       | F09       | 0.045%                            | 0.091%                          |
|                           |                    | Plastic    | Other (7) Single-Use Rigid                   | PL30      | 0.044%                            | 0.078%                          |
|                           |                    | Plastic    | PP Clear Single-Use Rigid                    | PL22      | 0.040%                            | 0.102%                          |
|                           |                    | Plastic    | Films - Plastic Bags - Designed for Disposal | PL36      | 0.036%                            | 0.099%                          |
|                           |                    | Other      | Green Material, Clean Wood, and Food Scraps  | X10       | 0.035%                            | 0.095%                          |
|                           |                    | Plastic    | Films - Plastic Bags - Designed for Reuse    | PL33      | 0.023%                            | 0.077%                          |
|                           |                    | Plastic    | PET Clear Bottles - non-CRV                  | PL01      | 0.022%                            | 0.106%                          |
|                           |                    | Fiber      | Newspapers/ Newspaper Inserts                | F03       | 0.022%                            | 0.046%                          |
| Mixed Metal - Non-Ferrous | 27                 | Fiber      | Magazines and Catalogs                       | F04       | 0.020%                            | 0.082%                          |
|                           |                    | Glass      | Remainder/ Composite Glass                   | G09       | 0.015%                            | 0.068%                          |
|                           |                    | Other      | Other Multi-Material Laminate Single-Use     | X05       | 0.014%                            | 0.077%                          |
|                           |                    | Other      | Treated Wood                                 | X09       | 0.014%                            | 0.102%                          |

| Outflow Name        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                     |                    | Plastic    | PS Thermoformed Clamshells and Containers                               | PL25      | 0.010%                            | 0.041%                          |
|                     |                    | Glass      | Glass Containers - Green/ Emerald - non-CRV                             | G03       | 0.010%                            | 0.043%                          |
|                     |                    | Plastic    | Other PET Pigmented Single-Use Rigids                                   | PL07      | 0.008%                            | 0.036%                          |
|                     |                    | Plastic    | PS Densified: Single-Use Food Service Ware                              | PL26      | 0.006%                            | 0.033%                          |
|                     |                    | Plastic    | PET Multi-Use Rigids  | PL08      | 0.005%                            | 0.031%                          |
|                     |                    | Plastic    | PP Multi-Use  | PL24      | 0.005%                            | 0.018%                          |
|                     |                    | Other      | Textiles and Clothing   | T01       | 0.003%                            | 0.015%                          |
|                     |                    | Plastic    | Mixed Plastic Multi-Use   | PL38      | 0.390%                            | 0.301%                          |
| Mixed Metal - Small | 6                  | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.354%                            | 0.352%                          |
| Mixed Metal - Small | 6                  | Glass      | Remainder/ Composite Glass  | G09       | 0.349%                            | 0.366%                          |
|                     |                    | Fiber      | Other Mixed Paper   | F07       | 0.262%                            | 0.333%                          |
|                     |                    | Other      | Mixed Material Single-Use   | X11       | 0.244%                            | 0.310%                          |
|                     |                    | Fiber      | Folded Paper Containers and Other Paperboard Packaging                  | F06       | 0.215%                            | 0.220%                          |
|                     |                    | Fiber      | Composite Food Service Paper and Packaging                              | F10       | 0.169%                            | 0.156%                          |

| Outflow Name                | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                                  | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-----------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                             |                    | Plastic    | Films - Plastic Non-Bags - Other Film                          | PL35      | 0.169%                            | 0.156%                          |
|                             |                    | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | F01       | 0.145%                            | 0.074%                          |
|                             |                    | Fiber      | White Office-Type Paper and Mail                               | F02       | 0.110%                            | 0.089%                          |
|                             |                    | Fiber      | Newspapers/ Newspaper Inserts                                  | F03       | 0.058%                            | 0.087%                          |
|                             |                    | Fiber      | Uncoated Fiber-Based Food Service Ware                         | F09       | 0.058%                            | 0.087%                          |
|                             |                    | Plastic    | PET Clear Beverage Bottles - CRV                               | PL02      | 0.058%                            | 0.087%                          |
|                             |                    | Plastic    | Remainder/ Composite Plastic                                   | PL39      | 0.058%                            | 0.087%                          |
|                             |                    | Fiber      | Remainder/ Composite Fiber                                     | F12       | 0.052%                            | 0.081%                          |
| Mixed Metal - Small Ferrous | 11                 | Metal      | Tin/Steel Beverage Containers - CRV                            | M08       | 0.923%                            | 7.423%                          |
|                             |                    | Metal      | Remainder/ Composite Metal                                     | M14       | 0.868%                            | 2.178%                          |
|                             |                    | Fiber      | Other Mixed Paper  | F07       | 0.565%                            | 0.883%                          |
|                             |                    | Metal      | Other Nonferrous Metal   | M13       | 0.443%                            | 1.176%                          |
|                             |                    | Other      | Fines and Residuals  | X13       | 0.390%                            | 0.821%                          |
|                             |                    | Other      | Green Material, Clean Wood, and Food Scraps                    | X10       | 0.384%                            | 0.390%                          |

| Outflow Name                | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-----------------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                             |                    | Plastic    | Films - Plastic Bags - Designed for Disposal                            | PL36      | 0.255%                            | 0.127%                          |
|                             |                    | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)          | F01       | 0.219%                            | 0.407%                          |
|                             |                    | Fiber      | Folded Paper Containers and Other Paperboard Packaging                  | F06       | 0.187%                            | 0.200%                          |
|                             |                    | Plastic    | PP Multi-Use  | PL24      | 0.182%                            | 0.756%                          |
|                             |                    | Metal      | Aluminum Beverage Cans - CRV  | M02       | 0.182%                            | 0.171%                          |
|                             |                    | Plastic    | Other PET Clear Single-Use Rigid  | PL06      | 0.178%                            | 0.374%                          |
|                             |                    | Plastic    | PP Clear Single-Use Rigid   | PL22      | 0.135%                            | 0.133%                          |
| Mixed Metal - Small Ferrous | 11                 | Fiber      | Uncoated Fiber-Based Food Service Ware                                  | F09       | 0.133%                            | 0.170%                          |
|                             |                    | Plastic    | HDPE Pigmented Single-Use Rigid   | PL14      | 0.125%                            | 0.185%                          |
|                             |                    | Plastic    | PET Clear Bottles - non-CRV   | PL01      | 0.121%                            | 0.210%                          |
|                             |                    | Plastic    | Films - Plastic Non-Bags - Other Film                                   | PL35      | 0.103%                            | 0.114%                          |
|                             |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.100%                            | 0.130%                          |
|                             |                    | Fiber      | Remainder/ Composite Fiber  | F12       | 0.091%                            | 0.138%                          |
|                             |                    | Metal      | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders                  | M11       | 0.090%                            | 0.174%                          |

| Outflow Name                | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)             | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-----------------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                             |                    | Fiber      | White Office-Type Paper and Mail          | F02       | 0.084%                            | 0.116%                          |
|                             |                    | Plastic    | PS Expanded - Packaging                   | PL27      | 0.084%                            | 0.096%                          |
|                             |                    | Plastic    | PP Pigmented Single-Use Rigid             | PL23      | 0.078%                            | 0.085%                          |
|                             |                    | Metal      | Aluminum Cans and Lids - non-CRV          | M01       | 0.077%                            | 0.257%                          |
|                             |                    | Plastic    | PET Clear Beverage Bottles - CRV          | PL02      | 0.073%                            | 0.120%                          |
|                             |                    | Plastic    | PET Pigmented Beverage Bottles - CRV      | PL04      | 0.071%                            | 0.173%                          |
| Mixed Metal - Small Ferrous | 11                 | Plastic    | HDPE Clear Beverage Bottles - non-CRV     | PL09      | 0.071%                            | 0.173%                          |
|                             |                    | Other      | Textiles and Clothing                     | T01       | 0.059%                            | 0.118%                          |
|                             |                    | Plastic    | Films - Plastic Bags - Designed for Reuse | PL33      | 0.054%                            | 0.116%                          |
|                             |                    | Plastic    | Other (7) Single-Use Rigid                | PL30      | 0.047%                            | 0.116%                          |
|                             |                    | Plastic    | Mixed Plastic Multi-Use                   | PL38      | 0.043%                            | 0.110%                          |
|                             |                    | Fiber      | Newspapers/ Newspaper Inserts             | F03       | 0.038%                            | 0.070%                          |
|                             |                    | Fiber      | Clean Molded Paper Fiber                  | F08       | 0.036%                            | 0.111%                          |
|                             |                    | Fiber      | Paper Bags and Kraft Paper                | F05       | 0.032%                            | 0.059%                          |

| Outflow Name                | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)              | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-----------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                             |                    | Metal      | Aluminum Foil (<3 mm), Sheets              | M05       | 0.031%                            | 0.058%                          |
|                             |                    | Plastic    | LDPE Clear Single-Use Rigids               | PL19      | 0.024%                            | 0.058%                          |
|                             |                    | Plastic    | PS Thermoformed Clamshells and Containers  | PL25      | 0.023%                            | 0.051%                          |
|                             |                    | Plastic    | Remainder/ Composite Plastic               | PL39      | 0.018%                            | 0.055%                          |
|                             |                    | Plastic    | LDPE Pigmented Single-Use Rigids           | PL20      | 0.017%                            | 0.054%                          |
| Mixed Metal - Small Ferrous | 11                 | Plastic    | PET Thermoformed Clamshells and Containers | PL05      | 0.016%                            | 0.052%                          |
|                             |                    | Glass      | Remainder/ Composite Glass                 | G09       | 0.013%                            | 0.027%                          |
|                             |                    | Fiber      | Composite Food Service Paper and Packaging | F10       | 0.007%                            | 0.020%                          |
|                             |                    | Plastic    | PS Expanded - Food Service Ware            | PL28      | 0.007%                            | 0.022%                          |

**Table G4. Plastic Material Class – Rare Materials in Material Characterization Study**

| Outflow Name                    | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)         | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------------------|--------------------|------------|---------------------------------------|-----------|-----------------------------------|---------------------------------|
| HDPE Mixed Bottle and Container | 2                  | Plastic    | Other PET Pigmented Single-Use Rigids | PL07      | 0.999%                            | 0.829%                          |

| Outflow Name                    | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                                 |                    | Plastic    | Other PET Clear Single-Use Rigids            | PL06      | 0.499%                            | 0.415%                          |
|                                 |                    | Fiber      | Other Mixed Paper                            | F07       | 0.499%                            | 0.415%                          |
|                                 |                    | Metal      | Aluminum Bottles for Beverages - CRV         | M04       | 0.443%                            | 0.140%                          |
| HDPE Mixed Bottle and Container | 2                  | Other      | Fines and Residuals                          | X13       | 0.440%                            | 0.548%                          |
|                                 |                    | Metal      | Aluminum Beverage Cans - CRV                 | M02       | 0.360%                            | 0.070%                          |
|                                 |                    | Plastic    | Films - Plastic Bags - Designed for Disposal | PL36      | 0.358%                            | 0.273%                          |
|                                 |                    | Metal      | Tin/Steel or Aluminum Aerosol Containers     | M10       | 0.330%                            | 0.411%                          |
|                                 |                    | Plastic    | PET Clear Bottles - non-CRV                  | PL01      | 0.250%                            | 0.207%                          |
|                                 |                    | Metal      | Tin/Steel Cans, Lids - non-CRV               | M07       | 0.250%                            | 0.207%                          |

| Outflow Name                      | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-----------------------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                                   |                    | Fiber      | Aseptic Containers - non-CRV  | X03       | 0.166%                            | 0.138%                          |
|                                   |                    | Plastic    | PP Multi-Use  | PL24      | 0.166%                            | 0.138%                          |
|                                   |                    | Plastic    | PET Clear Beverage Bottles - CRV  | PL02      | 0.166%                            | 0.138%                          |
| HDPE Mixed Bottle and Container   | 2                  | Plastic    | HDPE Clear Beverage Bottles - CRV                                       | PL10      | 0.165%                            | 0.205%                          |
|                                   |                    | Plastic    | LDPE Clear Single-Use Rigid   | PL19      | 0.083%                            | 0.069%                          |
|                                   |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.083%                            | 0.069%                          |
| HDPE Natural Bottle and Container | 30                 | Other      | Green Material, Clean Wood, and Food Scraps                             | X10       | 0.415%                            | 0.784%                          |
|                                   |                    | Plastic    | PET Clear Bottles - non-CRV   | PL01      | 0.350%                            | 0.796%                          |
|                                   |                    | Plastic    | Mixed Plastic Multi-Use   | PL38      | 0.347%                            | 0.680%                          |

| Outflow Name                      | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-----------------------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                                   |                    | Plastic    | Remainder/ Composite Plastic  | PL39      | 0.345%                            | 0.966%                          |
|                                   |                    | Plastic    | PP Pigmented Single-Use Rigids  | PL23      | 0.331%                            | 0.862%                          |
|                                   |                    | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)          | F01       | 0.259%                            | 0.490%                          |
| HDPE Natural Bottle and Container | 30                 | Plastic    | PET Clear Beverage Bottles - CRV  | PL02      | 0.242%                            | 0.352%                          |
|                                   |                    | Plastic    | Other (7) Single-Use Rigids   | PL30      | 0.232%                            | 0.462%                          |
|                                   |                    | Plastic    | Films - Plastic Bags - Designed for Disposal                            | PL36      | 0.202%                            | 0.395%                          |
|                                   |                    | Fiber      | Composite Food Service Paper and Packaging                              | F10       | 0.197%                            | 0.319%                          |
|                                   |                    | Fiber      | Gable-top Cartons - Non-CRV   | X02       | 0.196%                            | 0.417%                          |
|                                   |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.192%                            | 0.295%                          |

| Outflow Name                      | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                          | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-----------------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                                   |                    | Fiber      | Other Mixed Paper                                      | F07       | 0.182%                            | 0.243%                          |
|                                   |                    | Plastic    | PP Clear Single-Use Rigid                              | PL22      | 0.175%                            | 0.303%                          |
|                                   |                    | Plastic    | PET Thermoformed Clamshells and Containers             | PL05      | 0.132%                            | 0.200%                          |
| HDPE Natural Bottle and Container | 30                 | Plastic    | Films - Plastic Non-Bags - Other Film                  | PL35      | 0.123%                            | 0.164%                          |
|                                   |                    | Plastic    | HDPE Buckets: Food                                     | PL11      | 0.120%                            | 0.337%                          |
|                                   |                    | Fiber      | Folded Paper Containers and Other Paperboard Packaging | F06       | 0.116%                            | 0.166%                          |
|                                   |                    | Metal      | Aluminum Beverage Cans - CRV                           | M02       | 0.114%                            | 0.175%                          |
|                                   |                    | Plastic    | LDPE Clear Single-Use Rigid                            | PL19      | 0.101%                            | 0.240%                          |
|                                   |                    | Plastic    | PS Expanded - Packaging                                | PL27      | 0.100%                            | 0.132%                          |
|                                   |                    |            |  |           |                                   |                                 |

| Outflow Name                      | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)             | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-----------------------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                                   |                    | Fiber      | Remainder/ Composite Fiber                | F12       | 0.094%                            | 0.182%                          |
|                                   |                    | Other      | Household Hazardous Waste                 | H01       | 0.088%                            | 0.309%                          |
|                                   |                    | Other      | Mixed Material Single-Use                 | X11       | 0.083%                            | 0.457%                          |
| HDPE Natural Bottle and Container | 30                 | Plastic    | Films - Plastic Bags - Designed for Reuse | PL33      | 0.076%                            | 0.160%                          |
|                                   |                    | Metal      | Other Nonferrous Metal                    | M13       | 0.070%                            | 0.254%                          |
|                                   |                    | Fiber      | White Office-Type Paper and Mail          | F02       | 0.053%                            | 0.076%                          |
|                                   |                    | Plastic    | Other PET Clear Single-Use Rigid          | PL06      | 0.050%                            | 0.109%                          |
|                                   |                    | Other      | Fines and Residuals                       | X13       | 0.041%                            | 0.145%                          |
|                                   |                    | Fiber      | Uncoated Fiber-Based Food Service Ware    | F09       | 0.038%                            | 0.082%                          |
|                                   |                    |            |   |           |                                   |                                 |

| Outflow Name                      | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)             | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-----------------------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                                   |                    | Plastic    | PET Pigmented Bottles - non-CRV           | PL03      | 0.029%                            | 0.184%                          |
|                                   |                    | Plastic    | LDPE Pigmented Single-Use Rigids          | PL20      | 0.028%                            | 0.050%                          |
|                                   |                    | Plastic    | PS Thermoformed Clamshells and Containers | PL25      | 0.016%                            | 0.040%                          |
| HDPE Natural Bottle and Container | 30                 | Glass      | Remainder/ Composite Glass                | G09       | 0.016%                            | 0.040%                          |
|                                   |                    | Other      | Textiles and Clothing                     | T01       | 0.012%                            | 0.028%                          |
|                                   |                    | Metal      | Aluminum Cans and Lids - non-CRV          | M01       | 0.012%                            | 0.036%                          |
|                                   |                    | Fiber      | Uncoated Soiled Fiber Products            | F11       | 0.012%                            | 0.036%                          |
|                                   |                    | Other      | Mailing Pouches and Shipping Envelopes    | X04       | 0.009%                            | 0.034%                          |
|                                   |                    | Plastic    | Other PET Pigmented Single-Use Rigids     | PL07      | 0.009%                            | 0.034%                          |
|                                   |                    |            |   |           |                                   |                                 |

| Outflow Name                        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-------------------------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                                     |                    | Plastic    | PS Expanded - Food Service Ware   | PL28      | 0.009%                            | 0.032%                          |
|                                     |                    | Metal      | Aluminum Foil (<3 mm), Sheets   | M05       | 0.006%                            | 0.016%                          |
|                                     |                    | Fiber      | Aseptic Containers - non-CRV  | X03       | 0.005%                            | 0.023%                          |
| HDPE Pigmented Bottle and Container | 32                 | Plastic    | PET Pigmented Bottles - non-CRV   | PL03      | 0.861%                            | 1.620%                          |
|                                     |                    | Plastic    | PP Pigmented Single-Use Rigid   | PL23      | 0.704%                            | 1.150%                          |
|                                     |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.699%                            | 0.770%                          |
|                                     |                    | Plastic    | Mixed Plastic Multi-Use   | PL38      | 0.669%                            | 1.222%                          |
|                                     |                    | Plastic    | Other PET Pigmented Single-Use Rigid                                    | PL07      | 0.517%                            | 1.424%                          |
|                                     |                    | Plastic    | PP Clear Single-Use Rigid   | PL22      | 0.452%                            | 0.644%                          |
|                                     |                    |            |   |           |                                   |                                 |

| Outflow Name                        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                                  | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-------------------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                                     |                    | Plastic    | Other (7) Single-Use Rigid                                     | PL30      | 0.369%                            | 0.703%                          |
|                                     |                    | Plastic    | Other PET Clear Single-Use Rigid                               | PL06      | 0.348%                            | 0.723%                          |
|                                     |                    | Plastic    | HDPE Clear Beverage Bottles - CRV                              | PL10      | 0.339%                            | 0.544%                          |
| HDPE Pigmented Bottle and Container | 32                 | Other      | Green Material, Clean Wood, and Food Scraps                    | X10       | 0.310%                            | 0.425%                          |
|                                     |                    | Other      | Household Hazardous Waste                                      | H01       | 0.300%                            | 0.573%                          |
|                                     |                    | Plastic    | PET Clear Beverage Bottles - CRV                               | PL02      | 0.242%                            | 0.282%                          |
|                                     |                    | Plastic    | Remainder/ Composite Plastic                                   | PL39      | 0.231%                            | 0.575%                          |
|                                     |                    | Other      | Mixed Material Single-Use                                      | X11       | 0.230%                            | 1.056%                          |
|                                     |                    | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | F01       | 0.228%                            | 0.308%                          |
|                                     |                    |            |  |           |                                   |                                 |

| Outflow Name                        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                          | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-------------------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                                     |                    | Other      | Textiles and Clothing                                  | T01       | 0.224%                            | 0.660%                          |
|                                     |                    | Plastic    | PET Clear Bottles - non-CRV                            | PL01      | 0.209%                            | 0.353%                          |
|                                     |                    | Plastic    | Films - Plastic Non-Bags - Other Film                  | PL35      | 0.198%                            | 0.220%                          |
| HDPE Pigmented Bottle and Container | 32                 | Plastic    | Films - Plastic Bags - Designed for Disposal           | PL36      | 0.177%                            | 0.238%                          |
|                                     |                    | Fiber      | Folded Paper Containers and Other Paperboard Packaging | F06       | 0.165%                            | 0.232%                          |
|                                     |                    | Plastic    | LDPE Clear Single-Use Rigid                            | PL19      | 0.163%                            | 0.267%                          |
|                                     |                    | Plastic    | LDPE Pigmented Single-Use Rigid                        | PL20      | 0.152%                            | 0.303%                          |
|                                     |                    | Fiber      | Other Mixed Paper                                      | F07       | 0.149%                            | 0.458%                          |
|                                     |                    | Plastic    | PET Thermoformed Clamshells and Containers             | PL05      | 0.129%                            | 0.218%                          |
|                                     |                    |            |  |           |                                   |                                 |

| Outflow Name                        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)              | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-------------------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                                     |                    | Fiber      | Gable-top Cartons - Non-CRV                | X02       | 0.123%                            | 0.589%                          |
|                                     |                    | Plastic    | PS Expanded - Packaging                    | PL27      | 0.122%                            | 0.134%                          |
|                                     |                    | Plastic    | Films - Plastic Bags - Designed for Reuse  | PL33      | 0.101%                            | 0.135%                          |
| HDPE Pigmented Bottle and Container | 32                 | Plastic    | PP Multi-Use                               | PL24      | 0.096%                            | 0.285%                          |
|                                     |                    | Fiber      | Aseptic Containers - non-CRV               | X03       | 0.095%                            | 0.212%                          |
|                                     |                    | Fiber      | Composite Food Service Paper and Packaging | F10       | 0.081%                            | 0.123%                          |
|                                     |                    | Other      | Fines and Residuals                        | X13       | 0.079%                            | 0.173%                          |
|                                     |                    | Metal      | Tin/Steel Cans, Lids - non-CRV             | M07       | 0.078%                            | 0.124%                          |
|                                     |                    | Metal      | Aluminum Beverage Cans - CRV               | M02       | 0.069%                            | 0.200%                          |
|                                     |                    |            |  |           |                                   |                                 |

| Outflow Name                        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)          | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-------------------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                                     |                    | Plastic    | HDPE Buckets: Food                     | PL11      | 0.064%                            | 0.307%                          |
|                                     |                    | Plastic    | HDPE Buckets: non-Food                 | PL12      | 0.056%                            | 0.309%                          |
|                                     |                    | Fiber      | White Office-Type Paper and Mail       | F02       | 0.055%                            | 0.083%                          |
| HDPE Pigmented Bottle and Container | 32                 | Fiber      | Uncoated Fiber-Based Food Service Ware | F09       | 0.045%                            | 0.085%                          |
|                                     |                    | Fiber      | Remainder/ Composite Fiber             | F12       | 0.045%                            | 0.064%                          |
|                                     |                    | Other      | Treated Wood                           | X09       | 0.041%                            | 0.106%                          |
|                                     |                    | Fiber      | Magazines and Catalogs                 | F04       | 0.032%                            | 0.111%                          |
|                                     |                    |            |  |           |                                   |                                 |
|                                     |                    | Metal      | Aluminum Foil (<3 mm), Sheets          | M05       | 0.025%                            | 0.051%                          |

| Outflow Name                        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                 | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-------------------------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                                     |                    | Plastic    | Other HDPE Multi-Use Rigids                   | PL15      | 0.023%                            | 0.166%                          |
|                                     |                    | Metal      | Aluminum Foil (>3 mm), Molded Containers      | M06       | 0.022%                            | 0.070%                          |
| HDPE Pigmented Bottle and Container | 32                 | Fiber      | Newspapers/ Newspaper Inserts                 | F03       | 0.021%                            | 0.043%                          |
|                                     |                    | Plastic    | PS Expanded - Food Service Ware               | PL28      | 0.020%                            | 0.039%                          |
|                                     |                    | Fiber      | Paper Bags and Kraft Paper                    | F05       | 0.018%                            | 0.038%                          |
|                                     |                    | Glass      | Remainder/ Composite Glass                    | G09       | 0.017%                            | 0.043%                          |
|                                     |                    | Fiber      | Uncoated Soiled Fiber Products                | F11       | 0.017%                            | 0.045%                          |
|                                     |                    | Other      | Remainder/ Composite Mixed Material Multi-Use | X12       | 0.017%                            | 0.132%                          |
|                                     |                    | Plastic    | PET Pigmented Beverage Bottles - CRV          | PL04      | 0.016%                            | 0.040%                          |
|                                     |                    |            |   |           |                                   |                                 |

| Outflow Name                        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                                  | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|-------------------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                                     |                    | Metal      | Other Ferrous Metal  | M12       | 0.016%                            | 0.043%                          |
|                                     |                    | Metal      | Tin/Steel or Aluminum Aerosol Containers                       | M10       | 0.015%                            | 0.089%                          |
| HDPE Pigmented Bottle and Container | 32                 | Metal      | Aluminum Cans and Lids - non-CRV                               | M01       | 0.011%                            | 0.049%                          |
|                                     |                    | Plastic    | PS Thermoformed Clamshells and Containers                      | PL25      | 0.010%                            | 0.036%                          |
|                                     |                    | Other      | Mailing Pouches and Shipping Envelopes                         | X04       | 0.005%                            | 0.026%                          |
|                                     |                    | Plastic    | PS Densified: Single-Use Food Service Ware                     | PL26      | 0.005%                            | 0.016%                          |
|                                     |                    | Fiber      | Clean Molded Paper Fiber                                       | F08       | 0.002%                            | 0.009%                          |
| Mixed Rigid Plastic                 | 38                 | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | F01       | 0.522%                            | 1.916%                          |
|                                     |                    | Plastic    | PS Densified: Multi-Use  | PL29      | 0.514%                            | 5.742%                          |
|                                     |                    | Plastic    | PET Multi-Use Rigid  | PL08      | 0.493%                            | 1.623%                          |

| Outflow Name        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                          | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                     |                    | Plastic    | PVC Multi-Use  | PL17      | 0.470%                            | 1.424%                          |
|                     |                    | Fiber      | Folded Paper Containers and Other Paperboard Packaging | F06       | 0.341%                            | 2.347%                          |
|                     |                    | Plastic    | HDPE Clear Beverage Bottles - non-CRV                  | PL09      | 0.334%                            | 1.216%                          |
| Mixed Rigid Plastic | 38                 | Fiber      | White Office-Type Paper and Mail                       | F02       | 0.250%                            | 1.904%                          |
|                     |                    | Other      | Bulky Items  | SP02      | 0.205%                            | 1.010%                          |
|                     |                    | Other      | Mixed Material Single-Use                              | X11       | 0.193%                            | 0.630%                          |
|                     |                    | Plastic    | Films - Plastic Bags - Designed for Disposal           | PL36      | 0.172%                            | 1.333%                          |
|                     |                    | Metal      | Remainder/ Composite Metal                             | M14       | 0.152%                            | 0.628%                          |
|                     |                    | Plastic    | PET Clear Bottles - non-CRV                            | PL01      | 0.123%                            | 0.473%                          |
|                     |                    | Metal      | Other Ferrous Metal                                    | M12       | 0.123%                            | 0.751%                          |
|                     |                    | Plastic    | PET Pigmented Bottles - non-CRV                        | PL03      | 0.120%                            | 0.781%                          |
|                     |                    | Glass      | Glass Beverage Containers - Green/Emerald - CRV        | G04       | 0.115%                            | 0.622%                          |
|                     |                    | Plastic    | Other (7) Single-Use Rigid                             | PL30      | 0.115%                            | 0.590%                          |
|                     |                    | Plastic    | Other PET Pigmented Single-Use Rigid                   | PL07      | 0.094%                            | 0.314%                          |

| Outflow Name        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)              | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
| Mixed Rigid Plastic | 38                 | Other      | Treated Wood                               | X09       | 0.087%                            | 0.677%                          |
|                     |                    | Fiber      | Other Mixed Paper                          | F07       | 0.087%                            | 0.444%                          |
|                     |                    | Glass      | Glass Containers - Brown/ Amber - non-CRV  | G05       | 0.079%                            | 0.375%                          |
|                     |                    | Plastic    | PET Thermoformed Clamshells and Containers | PL05      | 0.065%                            | 0.278%                          |
|                     |                    | Metal      | Other Nonferrous Metal                     | M13       | 0.065%                            | 0.294%                          |
|                     |                    | Other      | Fines and Residuals                        | X13       | 0.044%                            | 0.120%                          |
|                     |                    | Metal      | Aluminum Cans and Lids - non-CRV           | M01       | 0.041%                            | 0.317%                          |
|                     |                    | Fiber      | Paper Bags and Kraft Paper                 | F05       | 0.040%                            | 0.174%                          |
|                     |                    | Plastic    | Films - Plastic Non-Bags - Other Film      | PL35      | 0.040%                            | 0.107%                          |
|                     |                    | Metal      | Tin/Steel Cans, Lids - non-CRV             | M07       | 0.018%                            | 0.112%                          |
|                     |                    | Glass      | Remainder/ Composite Glass                 | G09       | 0.018%                            | 0.076%                          |
|                     |                    | Plastic    | PS Expanded - Food Service Ware            | PL28      | 0.017%                            | 0.089%                          |
|                     |                    | Plastic    | PET Clear Beverage Bottles - CRV           | PL02      | 0.016%                            | 0.060%                          |
|                     |                    | Fiber      | Remainder/ Composite Fiber                 | F12       | 0.012%                            | 0.038%                          |

| Outflow Name        | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)               | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                     |                    | Fiber      | Uncoated Soiled Fiber Products              | F11       | 0.010%                            | 0.033%                          |
| Mixed Rigid Plastic | 38                 | Other      | Green Material, Clean Wood, and Food Scraps | X10       | 0.010%                            | 0.033%                          |
|                     |                    | Other      | Textiles and Clothing                       | T01       | 0.006%                            | 0.030%                          |
|                     |                    | Plastic    | HDPE Clear Beverage Bottles - CRV           | PL10      | 0.006%                            | 0.030%                          |
|                     |                    | Plastic    | PP Clear Single-Use Rigids                  | PL22      | 0.006%                            | 0.025%                          |
|                     |                    | Fiber      | Newspapers/ Newspaper Inserts               | F03       | 0.005%                            | 0.024%                          |
|                     |                    | Plastic    | PS Expanded - Packaging                     | PL27      | 0.002%                            | 0.012%                          |
|                     |                    | Plastic    | PET Pigmented Bottles - non-CRV             | PL03      | 0.890%                            | 0.839%                          |
| PET Bottle          | 12                 | Fiber      | Other Mixed Paper                           | F07       | 0.824%                            | 1.200%                          |
|                     |                    | Plastic    | Other PET Pigmented Single-Use Rigids       | PL07      | 0.556%                            | 0.711%                          |
|                     |                    | Plastic    | PS Thermoformed Clamshells and Containers   | PL25      | 0.399%                            | 0.992%                          |
|                     |                    | Other      | Fines and Residuals                         | X13       | 0.310%                            | 0.340%                          |
|                     |                    | Plastic    | PP Pigmented Single-Use Rigids              | PL23      | 0.257%                            | 0.342%                          |
|                     |                    | Other      | Green Material, Clean Wood, and Food Scraps | X10       | 0.236%                            | 0.406%                          |
|                     |                    | Plastic    | Other HDPE Clear Single-Use Rigids          | PL13      | 0.228%                            | 0.421%                          |
|                     |                    | Metal      | Aluminum Beverage Cans - CRV                | M02       | 0.218%                            | 0.439%                          |
|                     |                    | Other      | Textiles and Clothing                       | T01       | 0.186%                            | 0.421%                          |
|                     |                    |            |   |           |                                   |                                 |

| Outflow Name | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
| PET Bottle   | 12                 | Plastic    | Films - Plastic Bags - Designed for Disposal                            | PL36      | 0.171%                            | 0.145%                          |
|              |                    | Other      | Mixed Material Single-Use   | X11       | 0.169%                            | 0.238%                          |
|              |                    | Plastic    | HDPE Pigmented Single-Use Rigid   | PL14      | 0.144%                            | 0.290%                          |
|              |                    | Plastic    | Mixed Plastic Multi-Use   | PL38      | 0.143%                            | 0.509%                          |
|              |                    | Plastic    | Other (7) Single-Use Rigid  | PL30      | 0.113%                            | 0.254%                          |
|              |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.094%                            | 0.326%                          |
|              |                    | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)          | F01       | 0.069%                            | 0.108%                          |
|              |                    | Plastic    | PP Multi-Use  | PL24      | 0.068%                            | 0.231%                          |
|              |                    | Metal      | Tin/Steel or Aluminum Aerosol Containers                                | M10       | 0.052%                            | 0.129%                          |
|              |                    | Plastic    | PS Expanded - Packaging   | PL27      | 0.046%                            | 0.063%                          |
|              |                    | Plastic    | PS Expanded - Food Service Ware   | PL28      | 0.041%                            | 0.145%                          |
|              |                    | Plastic    | PS Densified: Single-Use Food Service Ware                              | PL26      | 0.035%                            | 0.086%                          |
|              |                    | Plastic    | Other HDPE Multi-Use Rigid  | PL15      | 0.032%                            | 0.110%                          |
|              |                    | Plastic    | HDPE Clear Beverage Bottles - non-CRV                                   | PL09      | 0.030%                            | 0.085%                          |
|              |                    | Metal      | Aluminum Cans and Lids - non-CRV  | M01       | 0.017%                            | 0.043%                          |
|              |                    | Metal      | Aluminum Bottles for Beverages - CRV                                    | M04       | 0.017%                            | 0.043%                          |
|              |                    | Plastic    | Films - Plastic Non-Bags - Other Film                                   | PL35      | 0.017%                            | 0.043%                          |
|              |                    | Metal      | Other Ferrous Metal   | M12       | 0.015%                            | 0.043%                          |
|              |                    | Fiber      | Folded Paper Containers and Other Paperboard Packaging                  | F06       | 0.002%                            | 0.007%                          |

| Outflow Name             | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
| PET Bottle and Container | 41                 | Plastic    | PP Clear Single-Use Rigid   | PL22      | 0.690%                            | 1.059%                          |
|                          |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.579%                            | 0.761%                          |
|                          |                    | Plastic    | HDPE Pigmented Single-Use Rigid   | PL14      | 0.578%                            | 0.928%                          |
|                          |                    | Plastic    | Other PET Pigmented Single-Use Rigid                                    | PL07      | 0.549%                            | 0.913%                          |
|                          |                    | Other      | Green Material, Clean Wood, and Food Scraps                             | X10       | 0.333%                            | 0.785%                          |
|                          |                    | Fiber      | Folded Paper Containers and Other Paperboard Packaging                  | F06       | 0.266%                            | 0.503%                          |
|                          |                    | Plastic    | Other (7) Single-Use Rigid  | PL30      | 0.255%                            | 0.677%                          |
|                          |                    | Plastic    | HDPE Clear Beverage Bottles - non-CRV                                   | PL09      | 0.248%                            | 1.673%                          |
|                          |                    | Plastic    | PP Pigmented Single-Use Rigid   | PL23      | 0.240%                            | 0.333%                          |
|                          |                    | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)          | F01       | 0.234%                            | 0.826%                          |
|                          |                    | Fiber      | Other Mixed Paper   | F07       | 0.221%                            | 0.393%                          |
|                          |                    | Other      | Fines and Residuals   | X13       | 0.214%                            | 0.410%                          |
|                          |                    | Metal      | Aluminum Beverage Cans - CRV  | M02       | 0.213%                            | 0.497%                          |
| PET Bottle and Container | 41                 | Other      | Mixed Material Single-Use   | X11       | 0.208%                            | 0.916%                          |

| Outflow Name             | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                 | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                          |                    | Plastic    | Other HDPE Clear Single-Use Rigids            | PL13      | 0.160%                            | 0.394%                          |
|                          |                    | Fiber      | Composite Food Service Paper and Packaging    | F10       | 0.156%                            | 0.427%                          |
|                          |                    | Other      | Textiles and Clothing                         | T01       | 0.133%                            | 0.334%                          |
|                          |                    | Plastic    | Films - Plastic Non-Bags - Other Film         | PL35      | 0.126%                            | 0.168%                          |
|                          |                    | Plastic    | Mixed Plastic Multi-Use                       | PL38      | 0.100%                            | 0.182%                          |
|                          |                    | Plastic    | PS Expanded - Packaging                       | PL27      | 0.097%                            | 0.141%                          |
|                          |                    | Fiber      | Remainder/ Composite Fiber                    | F12       | 0.092%                            | 0.161%                          |
|                          |                    | Metal      | Tin/Steel Cans, Lids - non-CRV                | M07       | 0.090%                            | 0.206%                          |
|                          |                    | Other      | Remainder/ Composite Mixed Material Multi-Use | X12       | 0.089%                            | 0.272%                          |
|                          |                    | Plastic    | Films - Plastic Bags - Designed for Disposal  | PL36      | 0.073%                            | 0.120%                          |
|                          |                    | Fiber      | Uncoated Soiled Fiber Products                | F11       | 0.072%                            | 0.160%                          |
|                          |                    | Plastic    | PET Multi-Use Rigids                          | PL08      | 0.064%                            | 0.169%                          |
| PET Bottle and Container | 41                 | Fiber      | Aseptic Containers - non-CRV                  | X03       | 0.055%                            | 0.154%                          |
|                          |                    | Fiber      | White Office-Type Paper and Mail              | F02       | 0.052%                            | 0.092%                          |

| Outflow Name             | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)              | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                          |                    | Plastic    | PVC Single-Use Rigids                      | PL16      | 0.041%                            | 0.195%                          |
|                          |                    | Fiber      | Uncoated Fiber-Based Food Service Ware     | F09       | 0.031%                            | 0.089%                          |
|                          |                    | Plastic    | PP Multi-Use                               | PL24      | 0.030%                            | 0.107%                          |
|                          |                    | Metal      | Tin/Steel or Aluminum Aerosol Containers   | M10       | 0.030%                            | 0.180%                          |
|                          |                    | Metal      | Aluminum Foil (<3 mm), Sheets              | M05       | 0.028%                            | 0.087%                          |
|                          |                    | Plastic    | PS Densified: Single-Use Food Service Ware | PL26      | 0.027%                            | 0.082%                          |
|                          |                    | Metal      | Aluminum Cans and Lids - non-CRV           | M01       | 0.025%                            | 0.100%                          |
|                          |                    | Fiber      | Newspapers/ Newspaper Inserts              | F03       | 0.023%                            | 0.082%                          |
|                          |                    | Fiber      | Gable-top Cartons - Non-CRV                | X02       | 0.021%                            | 0.075%                          |
|                          |                    | Plastic    | PS Thermoformed Clamshells and Containers  | PL25      | 0.021%                            | 0.068%                          |
|                          |                    | Plastic    | PS Expanded - Food Service Ware            | PL28      | 0.019%                            | 0.047%                          |
|                          |                    |            |  |           |                                   |                                 |
| PET Bottle and Container | 41                 | Fiber      | Magazines and Catalogs                     | F04       | 0.018%                            | 0.061%                          |
|                          |                    | Plastic    | HDPE Clear Beverage Bottles - CRV          | PL10      | 0.008%                            | 0.031%                          |
|                          |                    | Metal      | Other Nonferrous Metal                     | M13       | 0.006%                            | 0.024%                          |

| Outflow Name   | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                          | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|----------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                |                    | Other      | Household Hazardous Waste                              | H01       | 0.006%                            | 0.026%                          |
|                |                    | Fiber      | Paper Bags and Kraft Paper                             | F05       | 0.005%                            | 0.026%                          |
|                |                    | Other      | Other Multi-Material Laminate Single-Use               | X05       | 0.005%                            | 0.027%                          |
|                |                    | Glass      | Glass Containers - Brown/ Amber - non-CRV              | G05       | 0.005%                            | 0.024%                          |
|                |                    | Plastic    | LDPE Clear Single-Use Rigid                            | PL19      | 0.004%                            | 0.020%                          |
|                |                    | Plastic    | Films - Plastic Bags - Designed for Reuse              | PL33      | 0.003%                            | 0.021%                          |
|                |                    | Plastic    | Films - Plastic Non-Bags - Agricultural and Commercial | PL34      | 0.002%                            | 0.018%                          |
|                |                    | Plastic    | LDPE Pigmented Single-Use Rigid                        | PL20      | 0.002%                            | 0.011%                          |
|                |                    | Fiber      | Clean Molded Paper Fiber                               | F08       | 0.002%                            | 0.011%                          |
|                |                    | Glass      | Remainder/ Composite Glass                             | G09       | 0.002%                            | 0.011%                          |
| PET Thermoform | 6                  | Plastic    | PP Clear Single-Use Rigid                              | PL22      | 0.592%                            | 0.483%                          |
|                |                    | Plastic    | Other (7) Single-Use Rigid                             | PL30      | 0.290%                            | 0.354%                          |
|                |                    | Plastic    | HDPE Pigmented Single-Use Rigid                        | PL14      | 0.270%                            | 0.247%                          |
|                |                    | Other      | Remainder/ Composite Mixed Material Multi-Use          | X12       | 0.215%                            | 0.466%                          |
|                |                    | Plastic    | Mixed Plastic Multi-Use                                | PL38      | 0.124%                            | 0.139%                          |
|                |                    | Plastic    | PET Clear Beverage Bottles - CRV                       | PL02      | 0.101%                            | 0.059%                          |

| Outflow Name   | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                          | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|----------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                |                    | Plastic    | Films - Plastic Non-Bags - Other Film                  | PL35      | 0.089%                            | 0.065%                          |
|                |                    | Fiber      | Other Mixed Paper                                      | F07       | 0.080%                            | 0.067%                          |
|                |                    | Plastic    | PS Expanded - Packaging                                | PL27      | 0.077%                            | 0.101%                          |
|                |                    | Other      | Fines and Residuals                                    | X13       | 0.072%                            | 0.155%                          |
|                |                    | Metal      | Aluminum Cans and Lids - non-CRV                       | M01       | 0.043%                            | 0.062%                          |
|                |                    | Plastic    | PP Multi-Use   | PL24      | 0.035%                            | 0.061%                          |
|                |                    | Fiber      | Gable-top Cartons - Non-CRV                            | X02       | 0.035%                            | 0.061%                          |
|                |                    | Plastic    | PS Expanded - Food Service Ware                        | PL28      | 0.035%                            | 0.061%                          |
|                |                    | Plastic    | PP Pigmented Single-Use Rigids                         | PL23      | 0.027%                            | 0.055%                          |
|                |                    | Plastic    | PET Pigmented Bottles - non-CRV                        | PL03      | 0.027%                            | 0.055%                          |
|                |                    | Plastic    | LDPE Clear Single-Use Rigids                           | PL19      | 0.027%                            | 0.055%                          |
|                |                    | Metal      | Tin/Steel or Aluminum Aerosol Containers               | M10       | 0.024%                            | 0.052%                          |
|                |                    | Fiber      | White Office-Type Paper and Mail                       | F02       | 0.021%                            | 0.049%                          |
|                |                    | Fiber      | Folded Paper Containers and Other Paperboard Packaging | F06       | 0.019%                            | 0.071%                          |
|                |                    | Other      | Mixed Material Single-Use                              | X11       | 0.019%                            | 0.046%                          |
| PET Thermoform | 6                  | Plastic    | PS Thermoformed Clamshells and Containers              | PL25      | 0.019%                            | 0.046%                          |
|                |                    | Plastic    | HDPE Clear Beverage Bottles - non-CRV                  | PL09      | 0.019%                            | 0.046%                          |
|                |                    | Metal      | Aluminum Foil (>3 mm), Molded Containers               | M06       | 0.019%                            | 0.046%                          |
| Plastic #3-#7  | 9                  | Metal      | Aluminum Beverage Cans - CRV                           | M02       | 0.810%                            | 0.478%                          |
|                |                    | Other      | Fines and Residuals                                    | X13       | 0.796%                            | 0.602%                          |
|                |                    | Plastic    | PET Clear Bottles - non-CRV                            | PL01      | 0.711%                            | 1.171%                          |

| Outflow Name  | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                                  | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|               |                    | Fiber      | Gable-top Cartons - Non-CRV                                    | X02       | 0.665%                            | 0.770%                          |
|               |                    | Plastic    | PS Densified: Single-Use Food Service Ware                     | PL26      | 0.631%                            | 1.152%                          |
|               |                    | Fiber      | White Office-Type Paper and Mail                               | F02       | 0.621%                            | 0.758%                          |
|               |                    | Fiber      | Composite Food Service Paper and Packaging                     | F10       | 0.608%                            | 0.431%                          |
|               |                    | Plastic    | Other PET Pigmented Single-Use Rigids                          | PL07      | 0.552%                            | 0.761%                          |
|               |                    | Metal      | Tin/Steel Cans, Lids - non-CRV                                 | M07       | 0.438%                            | 0.637%                          |
|               |                    | Fiber      | Remainder/ Composite Fiber                                     | F12       | 0.432%                            | 0.548%                          |
|               |                    | Plastic    | LDPE Clear Single-Use Rigids                                   | PL19      | 0.428%                            | 0.381%                          |
|               |                    | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | F01       | 0.415%                            | 0.274%                          |
|               |                    | Plastic    | Films - Plastic Non-Bags - Other Film                          | PL35      | 0.409%                            | 0.471%                          |
|               |                    | Other      | Remainder/ Composite Mixed Material Multi-Use                  | X12       | 0.371%                            | 0.662%                          |
|               |                    |            |  |           |                                   |                                 |
| Plastic #3-#7 | 9                  | Plastic    | PET Pigmented Bottles - non-CRV                                | PL03      | 0.320%                            | 0.283%                          |
|               |                    | Fiber      | Aseptic Containers - non-CRV                                   | X03       | 0.309%                            | 0.388%                          |
|               |                    | Metal      | Other Ferrous Metal  | M12       | 0.283%                            | 0.473%                          |
|               |                    | Metal      | Aluminum Foil (>3 mm), Molded Containers                       | M06       | 0.264%                            | 0.406%                          |
|               |                    | Fiber      | Uncoated Fiber-Based Food Service Ware                         | F09       | 0.234%                            | 0.263%                          |
|               |                    | Plastic    | PS Expanded - Food Service Ware                                | PL28      | 0.176%                            | 0.208%                          |
|               |                    | Metal      | Aluminum Cans and Lids - non-CRV                               | M01       | 0.172%                            | 0.142%                          |
|               |                    | Plastic    | Remainder/ Composite Plastic                                   | PL39      | 0.154%                            | 0.246%                          |

| Outflow Name  | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)             | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|---------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|               |                    | Other      | Textiles and Clothing                     | T01       | 0.152%                            | 0.207%                          |
|               |                    | Other      | Plant Material Food Service Ware          | X08       | 0.148%                            | 0.288%                          |
|               |                    | Metal      | Aluminum Bottles for Beverages - CRV      | M04       | 0.129%                            | 0.242%                          |
|               |                    | Plastic    | Other HDPE Clear Single-Use Rigid         | PL13      | 0.128%                            | 0.179%                          |
|               |                    | Plastic    | LDPE Pigmented Single-Use Rigid           | PL20      | 0.117%                            | 0.153%                          |
|               |                    | Plastic    | PS Thermoformed Clamshells and Containers | PL25      | 0.117%                            | 0.132%                          |
|               |                    | Plastic    | LDPE Multi-Use                            | PL21      | 0.100%                            | 0.299%                          |
|               |                    | Metal      | Aluminum Foil (<3 mm), Sheets             | M05       | 0.078%                            | 0.100%                          |
|               |                    | Fiber      | Paper Bags and Kraft Paper                | F05       | 0.078%                            | 0.095%                          |
|               |                    | Fiber      | Uncoated Soiled Fiber Products            | F11       | 0.074%                            | 0.144%                          |
|               |                    | Plastic    | PET Pigmented Beverage Bottles - CRV      | PL04      | 0.071%                            | 0.118%                          |
|               |                    | Glass      | Remainder/ Composite Glass                | G09       | 0.059%                            | 0.212%                          |
|               |                    | Fiber      | Newspapers/ Newspaper Inserts             | F03       | 0.058%                            | 0.096%                          |
|               |                    |            |   |           |                                   |                                 |
| Plastic #3-#7 | 9                  | Plastic    | HDPE Clear Beverage Bottles - non-CRV     | PL09      | 0.056%                            | 0.182%                          |
|               |                    | Metal      | Tin/Steel Beverage Containers - CRV       | M08       | 0.048%                            | 0.128%                          |
|               |                    | Metal      | Tin/Steel or Aluminum Aerosol Containers  | M10       | 0.039%                            | 0.096%                          |
|               |                    | Plastic    | PVC Single-Use Rigid                      | PL16      | 0.038%                            | 0.092%                          |
|               |                    | Glass      | Glass Containers - Brown/ Amber - non-CRV | G05       | 0.037%                            | 0.152%                          |
|               |                    | Plastic    | Films - Plastic Bags - Designed for Reuse | PL33      | 0.020%                            | 0.047%                          |
|               |                    | Other      | Household Hazardous Waste                 | H01       | 0.019%                            | 0.046%                          |
|               |                    | Metal      | Remainder/ Composite Metal                | M14       | 0.008%                            | 0.019%                          |

| Outflow Name     | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|------------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|                  |                    | Other      | Mailing Pouches and Shipping Envelopes                                  | X04       | 0.008%                            | 0.018%                          |
| Plastic Film     | 2                  | Plastic    | Films - Plastic Non-Bags - Other Film                                   | PL35      | 0.652%                            | 0.372%                          |
|                  |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.279%                            | 0.159%                          |
|                  |                    | Other      | Green Material, Clean Wood, and Food Scraps                             | X10       | 0.122%                            | 0.002%                          |
|                  |                    | Fiber      | Remainder/ Composite Fiber  | F12       | 0.122%                            | 0.002%                          |
|                  |                    | Plastic    | Remainder/ Composite Plastic  | PL39      | 0.093%                            | 0.053%                          |
|                  |                    | Plastic    | Films - Plastic Bags - Designed for Reuse                               | PL33      | 0.093%                            | 0.053%                          |
|                  |                    | Other      | Mixed Material Single-Use   | X11       | 0.093%                            | 0.053%                          |
|                  |                    | Glass      | Remainder/ Composite Glass  | G09       | 0.093%                            | 0.053%                          |
|                  |                    | Plastic    | PS Expanded - Packaging   | PL27      | 0.093%                            | 0.053%                          |
|                  |                    |            |   |           |                                   |                                 |
| Polypropylene #5 | 24                 | Fiber      | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)          | F01       | 0.994%                            | 1.555%                          |
|                  |                    | Fiber      | Composite Food Service Paper and Packaging                              | F10       | 0.880%                            | 1.449%                          |
|                  |                    | Plastic    | HDPE Buckets: non-Food  | PL12      | 0.867%                            | 1.348%                          |
|                  |                    | Plastic    | PET Clear Bottles - non-CRV   | PL01      | 0.763%                            | 0.752%                          |
|                  |                    | Plastic    | Remainder/ Composite Plastic  | PL39      | 0.747%                            | 1.616%                          |
|                  |                    | Fiber      | Folded Paper Containers and Other Paperboard Packaging                  | F06       | 0.661%                            | 1.134%                          |
|                  |                    | Plastic    | Films - Plastic Non-Bags - Other Film                                   | PL35      | 0.579%                            | 0.690%                          |
|                  |                    | Plastic    | Other HDPE Clear Single-Use Rigid                                       | PL13      | 0.540%                            | 0.847%                          |
|                  |                    | Plastic    | Other PET Clear Single-Use Rigid  | PL06      | 0.535%                            | 0.812%                          |

| Outflow Name     | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                  |                    | Fiber      | Other Mixed Paper                            | F07       | 0.509%                            | 0.742%                          |
|                  |                    | Plastic    | HDPE Buckets: Food                           | PL11      | 0.406%                            | 1.022%                          |
|                  |                    | Other      | Fines and Residuals                          | X13       | 0.319%                            | 0.519%                          |
|                  |                    | Plastic    | PET Pigmented Bottles - non-CRV              | PL03      | 0.313%                            | 0.665%                          |
|                  |                    | Fiber      | Remainder/ Composite Fiber                   | F12       | 0.299%                            | 0.438%                          |
|                  |                    | Other      | Mixed Material Single-Use                    | X11       | 0.290%                            | 0.491%                          |
|                  |                    | Plastic    | Films - Plastic Bags - Designed for Disposal | PL36      | 0.284%                            | 0.390%                          |
|                  |                    | Plastic    | HDPE Clear Beverage Bottles - non-CRV        | PL09      | 0.221%                            | 0.412%                          |
|                  |                    | Plastic    | PS Expanded - Packaging                      | PL27      | 0.209%                            | 0.206%                          |
|                  |                    | Plastic    | PVC Single-Use Rigid                         | PL16      | 0.205%                            | 0.577%                          |
|                  |                    | Metal      | Aluminum Beverage Cans - CRV                 | M02       | 0.183%                            | 0.211%                          |
| Polypropylene #5 | 24                 | Plastic    | Films - Plastic Bags - Designed for Reuse    | PL33      | 0.183%                            | 0.617%                          |
|                  |                    | Metal      | Tin/Steel Cans, Lids - non-CRV               | M07       | 0.181%                            | 0.569%                          |
|                  |                    | Plastic    | LDPE Pigmented Single-Use Rigid              | PL20      | 0.177%                            | 0.447%                          |
|                  |                    | Plastic    | LDPE Multi-Use                               | PL21      | 0.174%                            | 1.010%                          |
|                  |                    | Plastic    | Other PET Pigmented Single-Use Rigid         | PL07      | 0.163%                            | 0.371%                          |
|                  |                    | Plastic    | PS Thermoformed Clamshells and Containers    | PL25      | 0.156%                            | 0.380%                          |
|                  |                    | Fiber      | Gable-top Cartons - non-CRV                  | X02       | 0.150%                            | 0.262%                          |
|                  |                    | Other      | Green Material, Clean Wood, and Food Scraps  | X10       | 0.148%                            | 0.181%                          |
|                  |                    | Plastic    | PS Expanded - Food Service Ware              | PL28      | 0.140%                            | 0.202%                          |
|                  |                    |            |  |           |                                   |                                 |

| Outflow Name     | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)              | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|------------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|                  |                    | Fiber      | Uncoated Fiber-Based Food Service Ware     | F09       | 0.112%                            | 0.184%                          |
|                  |                    | Other      | Treated Wood                               | X09       | 0.108%                            | 0.229%                          |
|                  |                    | Fiber      | White Office-Type Paper and Mail           | F02       | 0.101%                            | 0.112%                          |
|                  |                    | Fiber      | Uncoated Soiled Fiber Products             | F11       | 0.101%                            | 0.145%                          |
|                  |                    | Metal      | Aluminum Foil (>3 mm), Molded Containers   | M06       | 0.084%                            | 0.210%                          |
|                  |                    | Metal      | Other Ferrous Metal                        | M12       | 0.079%                            | 0.193%                          |
|                  |                    | Plastic    | PS Densified: Single-Use Food Service Ware | PL26      | 0.079%                            | 0.136%                          |
|                  |                    | Plastic    | LDPE Clear Single-Use Rigid                | PL19      | 0.073%                            | 0.158%                          |
|                  |                    | Fiber      | Aseptic Containers - non-CRV               | X03       | 0.071%                            | 0.123%                          |
|                  |                    |            |  |           |                                   |                                 |
| Polypropylene #5 | 24                 | Other      | Textiles and Clothing                      | T01       | 0.050%                            | 0.078%                          |
|                  |                    | Plastic    | PET Pigmented Beverage Bottles - CRV       | PL04      | 0.048%                            | 0.165%                          |
|                  |                    | Plastic    | LDPE Clear Beverage Bottles                | PL18      | 0.044%                            | 0.169%                          |
|                  |                    | Fiber      | Paper Bags and Kraft Paper                 | F05       | 0.042%                            | 0.134%                          |
|                  |                    | Fiber      | Clean Molded Paper Fiber                   | F08       | 0.038%                            | 0.088%                          |
|                  |                    | Metal      | Aluminum Foil (<3 mm), Sheets              | M05       | 0.037%                            | 0.052%                          |
|                  |                    | Metal      | Aluminum Cans and Lids - non-CRV           | M01       | 0.033%                            | 0.072%                          |
|                  |                    | Metal      | Remainder/ Composite Metal                 | M14       | 0.027%                            | 0.068%                          |
|                  |                    | Metal      | Aluminum Bottles for Beverages - CRV       | M04       | 0.023%                            | 0.094%                          |
|                  |                    | Fiber      | Newspapers/ Newspaper Inserts              | F03       | 0.023%                            | 0.047%                          |
|                  |                    | Plastic    | Other HDPE Multi-Use Rigid                 | PL15      | 0.019%                            | 0.067%                          |
|                  |                    | Metal      | Tin/Steel Beverage Containers - CRV        | M08       | 0.019%                            | 0.071%                          |
|                  |                    | Plastic    | HDPE Clear Beverage Bottles - CRV          | PL10      | 0.018%                            | 0.047%                          |
|                  |                    |            |  |           |                                   |                                 |

| Outflow Name | Samples of Outflow | MT&F Class | Material Type and Form (MT&F)                          | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------|--------------------|------------|--|-----------|-----------------------------------|---------------------------------|
|              |                    | Metal      | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders | M11       | 0.016%                            | 0.065%                          |
|              |                    | Plastic    | Films - Plastic Non-Bags - Agricultural and Commercial | PL34      | 0.011%                            | 0.037%                          |
|              |                    | Plastic    | PVC Multi-Use  | PL17      | 0.010%                            | 0.031%                          |
|              |                    | Glass      | Remainder/ Composite Glass                             | G09       | 0.009%                            | 0.035%                          |
|              |                    | Metal      | Other Nonferrous Metal                                 | M13       | 0.009%                            | 0.033%                          |
|              |                    | Glass      | Glass Containers - Green/Emerald - non-CRV             | G03       | 0.007%                            | 0.028%                          |
|              |                    | Other      | Plant Material Food Service Ware                       | X08       | 0.007%                            | 0.028%                          |
|              |                    | Plastic    | Films - Plastic Bags - Compostable                     | PL32      | 0.004%                            | 0.014%                          |

**Table G5. Residuals Material Class – Rare Materials in Material Characterization Study**

| Outflow Name | Samples of Outflow | MT&F Class | Material Type & Form (MT&F)   | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
| Residuals    | 44                 | Metal      | Tin/Steel Cans, Lids - non-CRV  | M07       | 0.871%                            | 2.305%                          |
|              |                    | Plastic    | Other PET Clear Single-Use Rigids                                       | PL06      | 0.851%                            | 1.218%                          |
|              |                    | Fiber      | Gable-top Cartons - non-CRV   | X02       | 0.850%                            | 0.962%                          |
|              |                    | Metal      | Other Ferrous Metal   | M12       | 0.808%                            | 1.733%                          |
|              |                    | Plastic    | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | PL37      | 0.764%                            | 1.573%                          |
|              |                    | Plastic    | Other HDPE Multi-Use Rigids   | PL15      | 0.752%                            | 2.572%                          |
|              |                    | Plastic    | Remainder/ Composite Plastic  | PL39      | 0.734%                            | 1.676%                          |
|              |                    | Plastic    | Films - Plastic Bags - Designed for Reuse                               | PL33      | 0.732%                            | 1.125%                          |

| Outflow Name | Samples of Outflow | MT&F Class | Material Type & Form (MT&F)                 | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|              |                    | Plastic    | PS Expanded - Packaging                     | PL27      | 0.641%                            | 0.688%                          |
|              |                    | Metal      | Remainder/ Composite Metal                  | M14       | 0.562%                            | 1.735%                          |
|              |                    | Metal      | Aluminum Beverage Cans - CRV                | M02       | 0.480%                            | 0.441%                          |
|              |                    | Metal      | Other Nonferrous Metal                      | M13       | 0.429%                            | 0.995%                          |
|              |                    | Glass      | Remainder/ Composite Glass                  | G09       | 0.407%                            | 0.713%                          |
|              |                    | Glass      | Glass Containers - Green/ Emerald - non-CRV | G03       | 0.399%                            | 0.945%                          |
|              |                    | Fiber      | Uncoated Fiber-Based Food Service Ware      | F09       | 0.333%                            | 0.555%                          |
|              |                    | Fiber      | Clean Molded Paper Fiber                    | F08       | 0.300%                            | 0.871%                          |
|              |                    | Fiber      | Aseptic Containers - non-CRV                | X03       | 0.282%                            | 0.384%                          |
|              |                    | Glass      | Glass Containers - Clear/ Flint - non-CRV   | G01       | 0.279%                            | 0.738%                          |
|              |                    | Plastic    | PET Clear Bottles - non-CRV                 | PL01      | 0.260%                            | 0.432%                          |
|              |                    | Plastic    | Other HDPE Clear Single-Use Rigid           | PL13      | 0.238%                            | 0.496%                          |
|              |                    | Plastic    | Other PET Pigmented Single-Use Rigid        | PL07      | 0.201%                            | 0.304%                          |
|              |                    | Metal      | Aluminum Cans and Lids - non-CRV            | M01       | 0.194%                            | 0.329%                          |
| Residuals    | 44                 | Plastic    | PET Pigmented Bottles - non-CRV             | PL03      | 0.165%                            | 0.469%                          |
|              |                    | Plastic    | PS Expanded - Food Service Ware             | PL28      | 0.161%                            | 0.211%                          |
|              |                    | Plastic    | Other (7) Single-Use Rigid                  | PL30      | 0.142%                            | 0.366%                          |
|              |                    | Other      | Mailing Pouches and Shipping Envelopes      | X04       | 0.135%                            | 0.185%                          |
|              |                    | Other      | Other Multi-Material Laminate Single-Use    | X05       | 0.133%                            | 0.411%                          |
|              |                    | Plastic    | PS Densified: Single-Use Food Service Ware  | PL26      | 0.131%                            | 0.309%                          |
|              |                    | Metal      | Aluminum Foil (<3 mm), Sheets               | M05       | 0.127%                            | 0.154%                          |
|              |                    | Plastic    | PVC Single-Use Rigid                        | PL16      | 0.117%                            | 0.484%                          |
|              |                    | Metal      | Tin/Steel Paint Cans                        | M09       | 0.115%                            | 0.856%                          |

| Outflow Name | Samples of Outflow | MT&F Class | Material Type & Form (MT&F)                     | MT&F Code | Percent of MT&F in Outflow (Mean) | Percent of MT&F in Outflow (SD) |
|--------------|--------------------|------------|---|-----------|-----------------------------------|---------------------------------|
|              |                    | Glass      | Glass Containers - Brown/ Amber - non-CRV       | G05       | 0.079%                            | 0.206%                          |
|              |                    | Plastic    | PET Pigmented Beverage Bottles - CRV            | PL04      | 0.073%                            | 0.161%                          |
|              |                    | Metal      | Tin/Steel or Aluminum Aerosol Containers        | M10       | 0.072%                            | 0.205%                          |
|              |                    | Metal      | Aluminum Bottles for Beverages - CRV            | M04       | 0.067%                            | 0.337%                          |
|              |                    | Plastic    | HDPE Buckets: non-Food                          | PL12      | 0.066%                            | 0.342%                          |
|              |                    | Plastic    | PET Multi-Use Rigid                             | PL08      | 0.064%                            | 0.367%                          |
|              |                    | Plastic    | HDPE Clear Beverage Bottles - non-CRV           | PL09      | 0.062%                            | 0.162%                          |
|              |                    | Other      | Household Hazardous Waste                       | H01       | 0.055%                            | 0.183%                          |
|              |                    | Metal      | Aluminum Foil (>3 mm), Molded Containers        | M06       | 0.048%                            | 0.111%                          |
|              |                    | Glass      | Glass Beverage Containers - Clear/Flint - CRV   | G02       | 0.048%                            | 0.230%                          |
|              |                    | Plastic    | PS Thermoformed Clamshells and Containers       | PL25      | 0.039%                            | 0.139%                          |
|              |                    | Plastic    | Plastic Wine Bladders                           | PL31      | 0.036%                            | 0.180%                          |
|              |                    |            |   |           |                                   |                                 |
| Residuals    | 44                 | Glass      | Glass Containers - Other Colors - non-CRV       | G07       | 0.034%                            | 0.144%                          |
|              |                    | Plastic    | PS Densified: Multi-Use                         | PL29      | 0.030%                            | 0.130%                          |
|              |                    | Glass      | Glass Beverage Containers - Green/Emerald - CRV | G04       | 0.021%                            | 0.120%                          |
|              |                    | Plastic    | PVC Multi-Use                                   | PL17      | 0.015%                            | 0.085%                          |
|              |                    | Metal      | Aluminum Bottles - non-CRV                      | M03       | 0.004%                            | 0.015%                          |
|              |                    | Metal      | Tin/Steel Beverage Containers - CRV             | M08       | 0.004%                            | 0.021%                          |
|              |                    | Plastic    | Films - Plastic Bags - Compostable              | PL32      | 0.002%                            | 0.011%                          |
|              |                    | Other      | Plant Material Food Service Ware                | X08       | 0.002%                            | 0.011%                          |

## **Section 2.5: Details on Material Types and Forms Not Classifiable as “Sorted for Recycling” within Large Volume Transfer/Processing Facility Material Characterization Study**

This table displays all SB 343 material types and forms which were not designated as “sorted for recycling” in the analysis of the Material Characterization Study. Material types and forms are sorted by material class in the first column. Column two gives each material type and form a unique code, and column three is the SB 343 material type and form name. Columns four to seven indicate a material type and form could not be classified as sorted for recycling. If the column contains a “Y”, it indicates that the exemption listed applies to that material type and form. Column four denotes material types and forms that were exempt from the SB 343 study due to alternative collection. This includes SP03 (includes items subject to BPC 17580 (g)(1)(B)); SP01 (subject to BPC 17580 (g)(1)(C)); G02, G04, G06, G08, M02, M04, M08, PL02, PL04, PL10, X01 (subject to Division 12.1 of the Public Resources Code).

Other exemptions include items that fall under column five, which includes “remainder/composite” material types and forms from each material class. These objects were not evaluated as material types and forms because they were not readily identifiable to the material type and form level, or were less than 2 inches. Items in column six demonstrated insufficient evidence for effective sorting in the study due to their failure to meet certain criteria. Further details on the criteria can be found in the methods section (“Estimating Proportions of Material Types and Forms Sorted into Specified Outflows by LVTPs”). A full list of objects that failed to meet criteria can be found in Appendix 1, Section 2.6, Table I2. Lastly, the “Rare Item in Curbside Recycling: Not Observed in Study,” column seven, means that in total, fewer than 10 pounds of this material were observed across all samples in the study, including specified outflows and residual destined for disposal. Further details on Rare Items can be found in Appendix 1, Section 2.4.

**Table H1. Details on Material Types and Forms Not Classifiable as “Sorted for Recycling”**

| <b>Material Class</b> | <b>MT&amp;F Code</b> | <b>Material Type and Form (MT&amp;F)</b> | <b>Covered under additional programs: Not evaluated for SB 343</b> | <b>Remainder/ Composite: Not Evaluated as MT&amp;F</b> | <b>Insufficient Evidence for Effective Sorting (See Appendix 1 Section 2.4)</b> | <b>Rare Item in Curbside Recycling: Not Observed in Study (See Appendix 1 Section 2.4)</b> |
|-----------------------|----------------------|--|--|--|---|--|
| Fiber                 | F08                  | Clean Molded Paper Fiber                 |  |  | Y   |  |

| Material Class | MT&F Code | Material Type and Form (MT&F)                   | Covered under additional programs: Not evaluated for SB 343 | Remainder/ Composite: Not Evaluated as MT&F | Insufficient Evidence for Effective Sorting (See Appendix 1 Section 2.4) | Rare Item in Curbside Recycling: Not Observed in Study (See Appendix 1 Section 2.4) |
|----------------|-----------|---|---|---|--|---|
| Fiber          | F09       | Uncoated Fiber-Based Food Service Ware          |   |   | Y  |   |
| Fiber          | F10       | Composite Food Service Paper and Packaging      |   |   | Y  |   |
| Fiber          | F11       | Uncoated Soiled Fiber Products                  |   |   | Y  |   |
| Fiber          | F12       | Remainder/ Composite Fiber                      |   | Y   |  |   |
| Fiber          | X01       | Gable-top Cartons/ Aseptics - CRV               | Y   |   |  |   |
| Glass          | G02       | Glass Beverage Containers - Clear/Flint - CRV   | Y   |   |  |   |
| Glass          | G04       | Glass Beverage Containers - Green/Emerald - CRV | Y   |   |  |   |
| Glass          | G06       | Glass Beverage Containers - Brown/Amber - CRV   | Y   |   |  |   |
| Glass          | G08       | Glass Beverage Containers - Other Colors - CRV  | Y   |   |  |   |
| Glass          | G09       | Remainder/ Composite Glass                      |   | Y   |  |   |
| Metal          | M02       | Aluminum Beverage Cans - CRV                    | Y   |   |  |   |
| Metal          | M04       | Aluminum Bottles for Beverages - CRV            | Y   |   |  |   |

| Material Class | MT&F Code | Material Type and Form (MT&F)                          | Covered under additional programs: Not evaluated for SB 343 | Remainder/ Composite: Not Evaluated as MT&F | Insufficient Evidence for Effective Sorting (See Appendix 1 Section 2.4) | Rare Item in Curbside Recycling: Not Observed in Study (See Appendix 1 Section 2.4) |
|----------------|-----------|--|---|---|--|---|
| Metal          | M08       | Tin/Steel Beverage Containers - CRV                    | Y   |   |  |   |
| Metal          | M11       | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders |   |   | Y  |   |
| Metal          | M14       | Remainder/ Composite Metal                             |   | Y   |  |   |
| Other          | H01       | Household Hazardous Waste                              |   |   | Y  |   |
| Other          | SP02      | Bulky Items  |   |   | Y  |   |
| Other          | T01       | Textiles and Clothing                                  |   |   | Y  |   |
| Other          | X04       | Mailing Pouches and Shipping Envelopes                 |   |   | Y  |   |
| Other          | X05       | Other Multi-Material Laminate Single-Use               |   |   | Y  |   |
| Other          | X08       | Plant Material Food Service Ware                       |   |   | Y  |   |
| Other          | X09       | Treated Wood   |   |   | Y  |   |
| Other          | X10       | Green Material, Clean Wood, and Food Scraps            |   |   | Y  |   |
| Other          | X11       | Mixed Material Single-Use                              |   |   | Y  |   |
| Other          | X12       | Remainder/ Composite Mixed Material Multi-Use          |   | Y   |  |   |
| Other          | X13       | Fines and Residuals                                    |   | Y   |  |   |

| Material Class | MT&F Code | Material Type and Form (MT&F)              | Covered under additional programs: Not evaluated for SB 343 | Remainder/ Composite: Not Evaluated as MT&F | Insufficient Evidence for Effective Sorting (See Appendix 1 Section 2.4) | Rare Item in Curbside Recycling: Not Observed in Study (See Appendix 1 Section 2.4) |
|----------------|-----------|--|---|---|--|---|
| Other          | SP01      | Tires                                      | Y   |   |  | Y   |
| Other          | SP03      | Mattresses and Foundations                 | Y   |   |  | Y   |
| Other          | X06       | Single-Use Ceramic Packaging               |   |   |  | Y   |
| Plastic        | PL02      | PET Clear Beverage Bottles - CRV           | Y   |   |  |   |
| Plastic        | PL04      | PET Pigmented Beverage Bottles - CRV       | Y   |   |  |   |
| Plastic        | PL08      | PET Multi-Use Rigids                       |   |   |  |   |
| Plastic        | PL10      | HDPE Clear Beverage Bottles - CRV          | Y   |   |  |   |
| Plastic        | PL16      | PVC Single-Use Rigids                      |   |   | Y  |   |
| Plastic        | PL17      | PVC Multi-Use                              |   |   | Y  |   |
| Plastic        | PL18      | LDPE Clear Beverage Bottles                |   |   | Y  |   |
| Plastic        | PL20      | LDPE Pigmented Single-Use Rigids           |   |   | Y  |   |
| Plastic        | PL25      | PS Thermoformed Clamshells and Containers  |   |   | Y  |   |
| Plastic        | PL26      | PS Densified: Single-Use Food Service Ware |   |   | Y  |   |
| Plastic        | PL27      | PS Expanded - Packaging                    |   |   | Y  |   |

| Material Class | MT&F Code | Material Type and Form (MT&F)                          | Covered under additional programs: Not evaluated for SB 343 | Remainder/ Composite: Not Evaluated as MT&F | Insufficient Evidence for Effective Sorting (See Appendix 1 Section 2.4) | Rare Item in Curbside Recycling: Not Observed in Study (See Appendix 1 Section 2.4) |
|----------------|-----------|--|---|---|--|---|
| Plastic        | PL28      | PS Expanded - Food Service Ware                        |   |   | Y  |   |
| Plastic        | PL29      | PS Densified: Multi-Use                                |   |   | Y  |   |
| Plastic        | PL31      | Plastic Wine Bladders                                  |   |   | Y  |   |
| Plastic        | PL32      | Films - Plastic Bags - Compostable                     |   |   | Y  |   |
| Plastic        | PL33      | Films - Plastic Bags - Designed for Reuse              |   |   | Y  |   |
| Plastic        | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial |   |   | Y  |   |
| Plastic        | PL35      | Films - Plastic Non-Bags - Other Film                  |   |   | Y  |   |
| Plastic        | PL39      | Remainder/ Composite Plastic                           |   | Y   |  |   |

**Section 2.6: Classification of Material Types and Forms as “Sorted for Recycling” within Large Volume Transfer/Processing Facility Material Characterization Study**

Table I1 displays all material types and forms which met criteria set forth by CalRecycle, demonstrating sufficient evidence of effective sorting within the study. Table I2 displays all material types and forms which failed to meet criteria set forth by CalRecycle, demonstrating ineffective sorting and evidence for potential contamination. Criteria required: (1) High-level material class (Paper/Fiber, Glass, Metal, Plastic, Other/ Mixed) for the material type and form must match the material class of the specified outflow; (2) Where applicable, material type and form material subclass (e.g., resin type for plastic, or type of metal) must match the material subclass of the specified outflow; (3) The proportion of the material type and form in a specified outflow at a given facility must exceed the proportion of material type and form proportion in the disposed residual at that same facility; and (4) The material type and form must be present in that specified outflow for at least two facilities within the study. If the object met all criteria, it was classified as “Sorted for Recycling” and was included in downstream analysis (Table I1). If the object failed to meet criteria, it was not classifiable as “Sorted for Recycling” and was excluded from further sorting results (Table I2). Table I2 includes all material types and forms which failed at least one of these criteria and displays a “Pass” or “Fail” for each criterion listed above. Additionally, Tables I1 and I2 contain information on Sampled Outflows, the material type and form, scaled weights and standard deviations for both the material type and form within Outflows and Residuals, and facility counts for these objects.

**Table I1. Material Types and Forms Classified as “Sorted for Recycling”**

| Sampled Outflow  | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                        | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------|------------|---------------|-----------|----------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Aluminum - Other | Metal      | Aluminum      | M01       | Aluminum Cans and Lids - non-CRV | 5   | 20.31                                   | 9.83                                  | 1.87                                     | 2.67                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow  | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Aluminum - Other | Metal      | Aluminum      | M02       | Aluminum Beverage Cans - CRV             | 5   | 2.38                                    | 3.88                                  | 0.52                                     | 0.36                                   | Pass                                      | Pass                          | Target                              |
| Aluminum - Other | Metal      | Aluminum      | M03       | Aluminum Bottles - non-CRV               | 4   | 24.91                                   | 7.66                                  | 4.83                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| Aluminum - Other | Metal      | Aluminum      | M04       | Aluminum Bottles for Beverages - CRV     | 3   | 21.30                                   | 4.21                                  | 7.04                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| Aluminum - Other | Metal      | Aluminum      | M05       | Aluminum Foil (<3 mm), Sheets            | 6   | 20.73                                   | 4.64                                  | 3.68                                     | 4.54                                   | Pass                                      | Pass                          | Target                              |
| Aluminum - Other | Metal      | Aluminum      | M06       | Aluminum Foil (>3 mm), Molded Containers | 6   | 23.48                                   | 6.03                                  | 2.54                                     | 3.81                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow              | MT&F Class | MT&F Subclass           | MT&F Code | MT&F Name                            | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------------|------------|-------------------------|-----------|--------------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Aluminum - UBC               | Metal      | Aluminum                | M02       | Aluminum Beverage Cans - CRV         | 22  | 96.66                                   | 42.45                                 | 0.52                                     | 0.36                                   | Pass                                      | Pass                          | Target                              |
| Aluminum - UBC               | Metal      | Aluminum                | M04       | Aluminum Bottles for Beverages - CRV | 2   | 70.94                                   | 33.13                                 | 7.04                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| Copper                       | Metal      | Other Nonferrous        | M13       | Other Nonferrous Metal               | 2   | 92.28                                   | 62.77                                 | 2.98                                     | 3.89                                   | Pass                                      | Pass                          | Target                              |
| Gable-top and Aseptic Carton | Fiber      | Multi-Material Laminate | X02       | Gable-top Cartons - non-CRV          | 7   | 17.68                                   | 32.22                                 | 7.65                                     | 8.13                                   | Pass                                      | Pass                          | Target                              |
| Gable-top and Aseptic Carton | Fiber      | Multi-Material Laminate | X03       | Aseptic Containers - non-CRV         | 7   | 18.73                                   | 34.51                                 | 5.96                                     | 6.37                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow                 | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                             | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------------|------------|---------------|-----------|---------------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Natural Bottle & Container | Plastic    | HDPE (#2)     | PL09      | HDPE Clear Beverage Bottles - non-CRV | 21  | 24.26                                   | 9.62                                  | 0.16                                     | 0.08                                   | Pass                                      | Pass                          | Target                              |
| HDPE Natural Bottle & Container | Plastic    | HDPE (#2)     | PL10      | HDPE Clear Beverage Bottles - CRV     | 21  | 23.09                                   | 10.64                                 | 0.00                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| HDPE Natural Bottle & Container | Plastic    | HDPE (#2)     | PL11      | HDPE Buckets: Food                    | 3   | 6.73                                    | 8.35                                  | 0.00                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| HDPE Natural Bottle & Container | Plastic    | HDPE (#2)     | PL13      | Other HDPE Clear Single-Use Rigid     | 18  | 18.64                                   | 8.60                                  | 1.15                                     | 1.15                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow                   | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                             | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------------|------------|---------------|-----------|---------------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Natural Bottle & Container   | Plastic    | HDPE (#2)     | PL14      | HDPE Pigmented Single-Use Rigid       | 12  | 1.51                                    | 3.04                                  | 0.34                                     | 0.25                                   | Pass                                      | Pass                          | Target                              |
| HDPE Pigmented Bottle & Container | Plastic    | HDPE (#2)     | PL09      | HDPE Clear Beverage Bottles - non-CRV | 12  | 1.69                                    | 3.26                                  | 0.16                                     | 0.08                                   | Pass                                      | Pass                          | Target                              |
| HDPE Pigmented Bottle & Container | Plastic    | HDPE (#2)     | PL10      | HDPE Clear Beverage Bottles - CRV     | 5   | 1.90                                    | 1.18                                  | 0.00                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| HDPE Pigmented Bottle & Container | Plastic    | HDPE (#2)     | PL13      | Other HDPE Clear Single-Use Rigid     | 19  | 5.29                                    | 3.90                                  | 1.15                                     | 1.15                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow                   | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Pigmented Bottle & Container | Plastic    | HDPE (#2)     | PL14      | HDPE Pigmented Single-Use Rigid               | 21  | 19.77                                   | 5.88                                  | 0.34                                     | 0.25                                   | Pass                                      | Pass                          | Target                              |
| Mixed Glass                       | Glass      | Clear         | G01       | Glass Containers - Clear/ Flint - non-CRV     | 12  | 34.74                                   | 15.52                                 | 12.36                                    | 11.22                                  | Pass                                      | Pass                          | Target                              |
| Mixed Glass                       | Glass      | Clear         | G02       | Glass Beverage Containers - Clear/Flint - CRV | 4   | 36.10                                   | 26.14                                 | 10.43                                    | 1.23                                   | Pass                                      | Pass                          | Target                              |
| Mixed Glass                       | Glass      | Green         | G03       | Glass Containers - Green/ Emerald - non-CRV   | 13  | 32.65                                   | 18.67                                 | 7.87                                     | 7.44                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Glass     | Glass      | Brown         | G05       | Glass Containers - Brown/ Amber - non-CRV     | 11  | 28.22                                   | 16.14                                 | 10.90                                    | 7.84                                   | Pass                                      | Pass                          | Target                              |
| Mixed Glass     | Glass      | Brown         | G06       | Glass Beverage Containers - Brown/Amber - CRV | 3   | 41.45                                   | 20.63                                 | 0.00                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| Mixed Glass     | Glass      | NA            | G07       | Glass Containers - Other Colors - non-CRV     | 6   | 47.22                                   | 28.80                                 | 8.94                                     | 5.90                                   | Pass                                      | Pass                          | Target                              |
| Mixed Glass     | Glass      | NA            | G09       | Remainder/ Composite Glass                    | 21  | 38.82                                   | 21.09                                 | 0.89                                     | 0.66                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow                         | MT&F Class | MT&F Subclass      | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---|------------|--------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Ferrous - Steel/ Tin Cans | Metal      | Tin/Steel/ Bimetal | M07       | Tin/Steel Cans, Lids - non-CRV           | 16  | 23.39                                   | 10.15                                 | 1.52                                     | 4.58                                   | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Metal      | Tin/Steel/ Bimetal | M08       | Tin/Steel Beverage Containers - CRV      | 11  | 24.15                                   | 11.86                                 | 1.62                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Metal      | Tin/Steel/ Bimetal | M09       | Tin/Steel Paint Cans                     | 3   | 26.11                                   | 7.51                                  | 12.52                                    | NA                                     | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Metal      | Tin/Steel/ Bimetal | M10       | Tin/Steel or Aluminum Aerosol Containers | 17  | 13.14                                   | 8.47                                  | 3.36                                     | 7.17                                   | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Large                     | Metal      | Tin/Steel/ Bimetal | M07       | Tin/Steel Cans, Lids - non-CRV           | 2   | 6.83                                    | 6.19                                  | 1.52                                     | 4.58                                   | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Large                     | Metal      | Other Ferrous      | M12       | Other Ferrous Metal                      | 11  | 35.39                                   | 47.45                                 | 1.67                                     | 3.40                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow           | MT&F Class | MT&F Subclass    | MT&F Code | MT&F Name                            | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------|------------|------------------|-----------|--------------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Large       | Metal      | Other Nonferrous | M13       | Other Nonferrous Metal               | 4   | 9.41                                    | 10.09                                 | 2.98                                     | 3.89                                   | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Non-Ferrous | Metal      | Aluminum         | M01       | Aluminum Cans and Lids - non-CRV     | 11  | 16.61                                   | 5.38                                  | 1.87                                     | 2.67                                   | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Non-Ferrous | Metal      | Aluminum         | M02       | Aluminum Beverage Cans - CRV         | 9   | 5.42                                    | 8.47                                  | 0.52                                     | 0.36                                   | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Non-Ferrous | Metal      | Aluminum         | M03       | Aluminum Bottles - non-CRV           | 5   | 17.87                                   | 2.05                                  | 4.83                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Non-Ferrous | Metal      | Aluminum         | M04       | Aluminum Bottles for Beverages - CRV | 7   | 17.98                                   | 3.93                                  | 7.04                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Non-Ferrous | Metal      | Aluminum         | M05       | Aluminum Foil (<3 mm), Sheets        | 10  | 11.36                                   | 5.71                                  | 3.68                                     | 4.54                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow           | MT&F Class | MT&F Subclass     | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------|------------|-------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Non-Ferrous | Metal      | Aluminum          | M06       | Aluminum Foil (>3 mm), Molded Containers | 10  | 16.96                                   | 4.34                                  | 2.54                                     | 3.81                                   | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Non-Ferrous | Metal      | Other Nonferrous  | M13       | Other Nonferrous Metal                   | 10  | 6.64                                    | 6.50                                  | 2.98                                     | 3.89                                   | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Small       | Metal      | Tin/Steel/Bimetal | M07       | Tin/Steel Cans, Lids - non-CRV           | 3   | 16.36                                   | 16.26                                 | 1.52                                     | 4.58                                   | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Small       | Metal      | Other Ferrous     | M12       | Other Ferrous Metal                      | 4   | 10.75                                   | 14.55                                 | 1.67                                     | 3.40                                   | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Small       | Metal      | Other Nonferrous  | M13       | Other Nonferrous Metal                   | 2   | 21.20                                   | 5.62                                  | 2.98                                     | 3.89                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow             | MT&F Class | MT&F Subclass     | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------|------------|-------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Small Ferrous | Metal      | Tin/Steel/Bimetal | M07       | Tin/Steel Cans, Lids - non-CRV           | 4   | 14.71                                   | 6.98                                  | 1.52                                     | 4.58                                   | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Small Ferrous | Metal      | Tin/Steel/Bimetal | M08       | Tin/Steel Beverage Containers - CRV      | 5   | 45.35                                   | 63.73                                 | 1.62                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Small Ferrous | Metal      | Tin/Steel/Bimetal | M10       | Tin/Steel or Aluminum Aerosol Containers | 4   | 11.44                                   | 9.70                                  | 3.36                                     | 7.17                                   | Pass                                      | Pass                          | Target                              |
| Mixed Metal - Small Ferrous | Metal      | Other Ferrous     | M12       | Other Ferrous Metal                      | 4   | 6.79                                    | 5.25                                  | 1.67                                     | 3.40                                   | Pass                                      | Pass                          | Target                              |
| Mixed Rigid Plastic         | Plastic    | HDPE (#2)         | PL09      | HDPE Clear Beverage Bottles - non-CRV    | 3   | 0.66                                    | 0.51                                  | 0.16                                     | 0.08                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow     | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                          | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|---------------|-----------|------------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Rigid Plastic | Plastic    | HDPE (#2)     | PL11      | HDPE Buckets: Food                 | 10  | 10.36                                   | 8.11                                  | 0.00                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| Mixed Rigid Plastic | Plastic    | HDPE (#2)     | PL12      | HDPE Buckets: non-Food             | 18  | 10.50                                   | 6.65                                  | 3.16                                     | 4.31                                   | Pass                                      | Pass                          | Target                              |
| Mixed Rigid Plastic | Plastic    | HDPE (#2)     | PL13      | Other HDPE Clear Single-Use Rigids | 11  | 2.08                                    | 1.79                                  | 1.15                                     | 1.15                                   | Pass                                      | Pass                          | Target                              |
| Mixed Rigid Plastic | Plastic    | HDPE (#2)     | PL14      | HDPE Pigmented Single-Use Rigids   | 11  | 1.15                                    | 0.60                                  | 0.34                                     | 0.25                                   | Pass                                      | Pass                          | Target                              |
| Mixed Rigid Plastic | Plastic    | HDPE (#2)     | PL15      | Other HDPE Multi-Use Rigids        | 15  | 9.26                                    | 4.52                                  | 1.87                                     | 3.55                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow     | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|----------------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Rigid Plastic | Plastic    | LDPE (#4)            | PL21      | LDPE Multi-Use  | 5   | 18.78                                   | 6.93                                  | 0.00                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| Mixed Rigid Plastic | Plastic    | PP (#5)              | PL23      | PP Pigmented Single-Use Rigids  | 14  | 3.21                                    | 2.50                                  | 1.98                                     | 2.31                                   | Pass                                      | Pass                          | Target                              |
| Mixed Rigid Plastic | Plastic    | PP (#5)              | PL24      | PP Multi-Use  | 17  | 8.27                                    | 3.63                                  | 1.23                                     | 1.24                                   | Pass                                      | Pass                          | Target                              |
| Mixed Rigid Plastic | Plastic    | Other/Mixed Plastics | PL37      | Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use) | 7   | 5.02                                    | 1.65                                  | 4.23                                     | 5.94                                   | Pass                                      | Pass                          | Target                              |
| Mixed Rigid Plastic | Plastic    | Other/Mixed Plastics | PL38      | Mixed Plastic Multi-Use   | 17  | 9.11                                    | 4.85                                  | 0.90                                     | 0.60                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow     | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Rigid Plastic | Plastic    | NA            | PL39      | Remainder/ Composite Plastic                                   | 7   | 8.57                                    | 9.84                                  | 2.65                                     | 2.91                                   | Pass                                      | Pass                          | Target                              |
| OCC                 | Fiber      | OCC           | F01       | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | 23  | 3.85                                    | 1.26                                  | 0.44                                     | 0.30                                   | Pass                                      | Pass                          | Target                              |
| ONP and Mixed Paper | Fiber      | OCC           | F01       | Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC) | 21  | 1.04                                    | 0.50                                  | 0.44                                     | 0.30                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow     | MT&F Class | MT&F Subclass     | MT&F Code | MT&F Name                        | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|-------------------|-----------|----------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| ONP and Mixed Paper | Fiber      | White Paper       | F02       | White Office-Type Paper and Mail | 21  | 5.12                                    | 2.02                                  | 1.00                                     | 1.16                                   | Pass                                      | Pass                          | Target                              |
| ONP and Mixed Paper | Fiber      | Other/Mixed Paper | F03       | Newspapers/ Newspaper Inserts    | 22  | 5.68                                    | 2.50                                  | 0.71                                     | 0.53                                   | Pass                                      | Pass                          | Target                              |
| ONP and Mixed Paper | Fiber      | Other/Mixed Paper | F04       | Magazines and Catalogs           | 22  | 5.05                                    | 2.20                                  | 1.95                                     | 2.21                                   | Pass                                      | Pass                          | Target                              |
| ONP and Mixed Paper | Fiber      | Other/Mixed Paper | F05       | Paper Bags and Kraft Paper       | 21  | 3.66                                    | 2.28                                  | 3.58                                     | 4.78                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow     | MT&F Class | MT&F Subclass     | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|-------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| ONP and Mixed Paper | Fiber      | Other/Mixed Paper | F06       | Folded Paper Containers and Other Paperboard Packaging | 22  | 3.94                                    | 2.01                                  | 2.09                                     | 1.66                                   | Pass                                      | Pass                          | Target                              |
| ONP and Mixed Paper | Fiber      | Other/Mixed Paper | F07       | Other Mixed Paper                                      | 22  | 4.64                                    | 1.82                                  | 1.89                                     | 1.46                                   | Pass                                      | Pass                          | Target                              |
| PET Bottle          | Plastic    | PET (#1)          | PL01      | PET Clear Bottles - non-CRV                            | 6   | 20.63                                   | 6.61                                  | 0.30                                     | 0.18                                   | Pass                                      | Pass                          | Target                              |
| PET Bottle          | Plastic    | PET (#1)          | PL02      | PET Clear Beverage Bottles - CRV                       | 6   | 21.41                                   | 8.69                                  | 0.31                                     | 0.34                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Bottle      | Plastic    | PET (#1)      | PL03      | PET Pigmented Bottles - non-CRV            | 5   | 5.38                                    | 0.83                                  | 2.82                                     | 3.23                                   | Pass                                      | Pass                          | Target                              |
| PET Bottle      | Plastic    | PET (#1)      | PL04      | PET Pigmented Beverage Bottles - CRV       | 6   | 22.52                                   | 10.54                                 | 0.82                                     | 0.62                                   | Pass                                      | Pass                          | Target                              |
| PET Bottle      | Plastic    | PET (#1)      | PL05      | PET Thermoformed Clamshells and Containers | 2   | 11.49                                   | 2.55                                  | 3.08                                     | 3.75                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow        | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                            | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------|------------|---------------|-----------|--------------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Bottle             | Plastic    | PET (#1)      | PL06      | Other PET Clear Single-Use Rigid     | 6   | 8.55                                    | 6.96                                  | 1.94                                     | 2.20                                   | Pass                                      | Pass                          | Target                              |
| PET Bottle             | Plastic    | PET (#1)      | PL07      | Other PET Pigmented Single-Use Rigid | 2   | 6.17                                    | 2.30                                  | 4.17                                     | 3.56                                   | Pass                                      | Pass                          | Target                              |
| PET Bottle & Container | Plastic    | PET (#1)      | PL01      | PET Clear Bottles - non-CRV          | 17  | 13.50                                   | 3.59                                  | 0.30                                     | 0.18                                   | Pass                                      | Pass                          | Target                              |
| PET Bottle & Container | Plastic    | PET (#1)      | PL02      | PET Clear Beverage Bottles - CRV     | 18  | 12.82                                   | 4.58                                  | 0.31                                     | 0.34                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow        | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Bottle & Container | Plastic    | PET (#1)      | PL03      | PET Pigmented Bottles - non-CRV            | 16  | 9.14                                    | 4.19                                  | 2.82                                     | 3.23                                   | Pass                                      | Pass                          | Target                              |
| PET Bottle & Container | Plastic    | PET (#1)      | PL04      | PET Pigmented Beverage Bottles - CRV       | 17  | 13.38                                   | 3.40                                  | 0.82                                     | 0.62                                   | Pass                                      | Pass                          | Target                              |
| PET Bottle & Container | Plastic    | PET (#1)      | PL05      | PET Thermoformed Clamshells and Containers | 14  | 8.88                                    | 6.23                                  | 3.08                                     | 3.75                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow        | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Bottle & Container | Plastic    | PET (#1)      | PL06      | Other PET Clear Single-Use Rigid           | 17  | 11.67                                   | 3.84                                  | 1.94                                     | 2.20                                   | Pass                                      | Pass                          | Target                              |
| PET Bottle & Container | Plastic    | PET (#1)      | PL07      | Other PET Pigmented Single-Use Rigid       | 14  | 5.21                                    | 3.67                                  | 4.17                                     | 3.56                                   | Pass                                      | Pass                          | Target                              |
| PET Thermoform         | Plastic    | PET (#1)      | PL05      | PET Thermoformed Clamshells and Containers | 3   | 14.39                                   | 2.07                                  | 3.08                                     | 3.75                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                        | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|----------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Thermoform  | Plastic    | PET (#1)      | PL06      | Other PET Clear Single-Use Rigid | 2   | 5.70                                    | 6.89                                  | 1.94                                     | 2.20                                   | Pass                                      | Pass                          | Target                              |
| Plastic #3-#7   | Plastic    | LDPE (#4)     | PL19      | LDPE Clear Single-Use Rigid      | 2   | 10.61                                   | 8.03                                  | 0.00                                     | NA                                     | Pass                                      | Pass                          | Target                              |
| Plastic #3-#7   | Plastic    | PP (#5)       | PL22      | PP Clear Single-Use Rigid        | 4   | 14.19                                   | 4.41                                  | 2.23                                     | 2.76                                   | Pass                                      | Pass                          | Target                              |
| Plastic #3-#7   | Plastic    | PP (#5)       | PL23      | PP Pigmented Single-Use Rigid    | 4   | 11.36                                   | 2.96                                  | 1.98                                     | 2.31                                   | Pass                                      | Pass                          | Target                              |
| Plastic #3-#7   | Plastic    | PP (#5)       | PL24      | PP Multi-Use                     | 4   | 3.06                                    | 3.46                                  | 1.23                                     | 1.24                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow             | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                    | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Plastic #3-#7               | Plastic    | Other (#7)           | PL30      | Other (7) Single-Use Rigid                   | 4   | 11.49                                   | 4.56                                  | 3.27                                     | 4.20                                   | Pass                                      | Pass                          | Target                              |
| Plastic Film - Plastic Bags | Plastic    | Other/Mixed Plastics | PL36      | Films - Plastic Bags - Designed for Disposal | 2   | 77.51                                   | 35.30                                 | 8.98                                     | 5.16                                   | Pass                                      | Pass                          | Target                              |
| Polypropylene #5            | Plastic    | PP (#5)              | PL22      | PP Clear Single-Use Rigid                    | 9   | 13.12                                   | 2.88                                  | 2.23                                     | 2.76                                   | Pass                                      | Pass                          | Target                              |
| Polypropylene #5            | Plastic    | PP (#5)              | PL23      | PP Pigmented Single-Use Rigid                | 10  | 14.09                                   | 9.29                                  | 1.98                                     | 2.31                                   | Pass                                      | Pass                          | Target                              |
| Polypropylene #5            | Plastic    | PP (#5)              | PL24      | PP Multi-Use                                 | 9   | 7.18                                    | 4.14                                  | 1.23                                     | 1.24                                   | Pass                                      | Pass                          | Target                              |

| Sampled Outflow    | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                        | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|--------------------|------------|---------------|-----------|----------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| White Office Paper | Fiber      | White Paper   | F02       | White Office-Type Paper and Mail | 2   | 115.58                                  | 119.99                                | 1.00                                     | 1.16                                   | Pass                                      | Pass                          | Target                              |

**Table I2. Material Types and Forms Not Classified as “Sorted for Recycling” Due to Failure to Pass Criteria**

| Sampled Outflow  | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                              | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Aluminum - Other | Fiber      | Paper/Fiber   | F09       | Uncoated Fiber-Based Food Service Ware | 1   | 0.41                                    | NA                                    | 5.18                                     | 5.33                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow  | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Aluminum - Other | Metal      | NA            | M14       | Remainder/ Composite Metal                  | 3   | 7.41                                    | 11.14                                 | 3.75                                     | 5.56                                   | Pass                                      | Pass                          | Off-Target                          |
| Aluminum - Other | Other      | NA            | H01       | Household Hazardous Waste                   | 2   | 2.39                                    | 0.83                                  | 11.77                                    | 15.94                                  | Fail                                      | Pass                          | Off-Target                          |
| Aluminum - Other | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps | 2   | 1.30                                    | 1.26                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |
| Aluminum - Other | Other      | NA            | X13       | Fines and Residuals                         | 6   | 1.15                                    | 1.19                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |
| Aluminum - Other | Plastic    | PS (#6)       | PL26      | PS Densified: Single-Use Food Service Ware  | 1   | 3.09                                    | NA                                    | 8.88                                     | 5.40                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow  | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------|------------|----------------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Aluminum - Other | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film       | 1   | 0.27                                    | NA                                    | 8.85                                     | 4.06                                   | Fail                                      | Fail                          | Off-Target                          |
| Aluminum - UBC   | Fiber      | Paper/Fiber          | F09       | Uncoated Fiber-Based Food Service Ware      | 1   | 4.28                                    | NA                                    | 5.18                                     | 5.33                                   | Fail                                      | Fail                          | Off-Target                          |
| Aluminum - UBC   | Other      | NA                   | X10       | Green Material, Clean Wood, and Food Scraps | 1   | 2.85                                    | NA                                    | 8.82                                     | 3.98                                   | Fail                                      | Fail                          | Off-Target                          |
| Aluminum - UBC   | Other      | NA                   | X11       | Mixed Material Single-Use                   | 2   | 1.63                                    | 0.74                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow         | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                 | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-------------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Aluminum - UBC          | Plastic    | PS (#6)       | PL25      | PS Thermoformed Clamshells and Containers | 1   | 60.25                                   | NA                                    | 7.03                                     | 6.73                                   | Pass                                      | Fail                          | Off-Target                          |
| Aluminum - UBC          | Plastic    | EPS (#6)      | PL27      | PS Expanded - Packaging                   | 1   | 2.99                                    | NA                                    | 7.17                                     | 5.32                                   | Fail                                      | Fail                          | Off-Target                          |
| Expanded Polystyrene #6 | Plastic    | EPS (#6)      | PL27      | PS Expanded - Packaging                   | 1   | 94.26                                   | NA                                    | 7.17                                     | 5.32                                   | Pass                                      | Fail                          | Target                              |

| Sampled Outflow              | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Gable-top and Aseptic Carton | Fiber      | NA            | F10       | Composite Food Service Paper & Packaging | 4   | 0.69                                    | 0.86                                  | 4.29                                     | 4.30                                   | Fail                                      | Pass                          | Off-Target                          |
| Gable-top and Aseptic Carton | Fiber      | NA            | F11       | Uncoated Soiled Fiber Products           | 1   | 0.44                                    | NA                                    | 5.03                                     | 4.71                                   | Fail                                      | Fail                          | Off-Target                          |
| Gable-top and Aseptic Carton | Fiber      | NA            | F12       | Remainder/ Composite Fiber               | 2   | 0.49                                    | 0.23                                  | 3.68                                     | 4.14                                   | Fail                                      | Pass                          | Off-Target                          |
| Gable-top and Aseptic Carton | Other      | NA            | H01       | Household Hazardous Waste                | 1   | 4.75                                    | NA                                    | 11.77                                    | 15.94                                  | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow              | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Gable-top and Aseptic Carton | Other      | NA            | X04       | Mailing Pouches & Shipping Envelopes     | 1   | 1.54                                    | NA                                    | 10.90                                    | 5.36                                   | Fail                                      | Fail                          | Off-Target                          |
| Gable-top and Aseptic Carton | Other      | NA            | X05       | Other Multi-Material Laminate Single-Use | 1   | 13.62                                   | NA                                    | 12.64                                    | 12.64                                  | Pass                                      | Fail                          | Off-Target                          |
| Gable-top and Aseptic Carton | Other      | NA            | X11       | Mixed Material Single-Use                | 1   | 1.27                                    | NA                                    | 8.46                                     | 6.67                                   | Fail                                      | Fail                          | Off-Target                          |
| Gable-top and Aseptic Carton | Other      | NA            | X13       | Fines and Residuals                      | 3   | 0.25                                    | 0.03                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |
| Gable-top and Aseptic Carton | Plastic    | PVC (#3)      | PL17      | PVC Multi-Use                            | 1   | 4.75                                    | NA                                    | 9.69                                     | NA                                     | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow              | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                             | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------------|------------|----------------------|-----------|---------------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Gable-top and Aseptic Carton | Plastic    | EPS (#6)             | PL27      | PS Expanded - Packaging               | 4   | 0.27                                    | 0.30                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |
| Gable-top and Aseptic Carton | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film | 3   | 0.15                                    | 0.12                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Off-Target                          |
| Glass - Brown/Amber          | Fiber      | NA                   | F12       | Remainder/ Composite Fiber            | 1   | 6.94                                    | NA                                    | 3.68                                     | 4.14                                   | Pass                                      | Fail                          | Off-Target                          |
| Glass - Brown/Amber          | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film | 1   | 6.80                                    | NA                                    | 8.85                                     | 4.06                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow     | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Glass - Clear/Flint | Fiber      | Paper/Fiber   | F09       | Uncoated Fiber-Based Food Service Ware      | 1   | 3.89                                    | NA                                    | 5.18                                     | 5.33                                   | Fail                                      | Fail                          | Off-Target                          |
| Glass - Clear/Flint | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps | 1   | 15.70                                   | NA                                    | 8.82                                     | 3.98                                   | Pass                                      | Fail                          | Off-Target                          |
| Glass - Clear/Flint | Other      | NA            | X11       | Mixed Material Single-Use                   | 1   | 3.71                                    | NA                                    | 8.46                                     | 6.67                                   | Fail                                      | Fail                          | Off-Target                          |
| Glass - Clear/Flint | Other      | NA            | X13       | Fines and Residuals                         | 1   | 0.92                                    | NA                                    | 7.87                                     | 6.26                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow       | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                       | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------|------------|----------------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Glass - Clear/Flint   | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film           | 1   | 13.66                                   | NA                                    | 8.85                                     | 4.06                                   | Pass                                      | Fail                          | Off-Target                          |
| Glass - Green/Emerald | Fiber      | NA                   | F12       | Remainder/ Composite Fiber                      | 1   | 8.19                                    | NA                                    | 3.68                                     | 4.14                                   | Pass                                      | Fail                          | Off-Target                          |
| Glass - Green/Emerald | Glass      | Green                | G04       | Glass Beverage Containers - Green/Emerald - CRV | 1   | 81.12                                   | NA                                    | 9.56                                     | NA                                     | Pass                                      | Fail                          | Target                              |
| Glass - Green/Emerald | Other      | NA                   | X13       | Fines and Residuals                             | 1   | 0.79                                    | NA                                    | 7.87                                     | 6.26                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow       | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Glass - Green/Emerald | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film    | 1   | 3.88                                    | NA                                    | 8.85                                     | 4.06                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Color + #3-#7    | Fiber      | NA                   | F10       | Composite Food Service Paper & Packaging | 1   | 0.01                                    | NA                                    | 4.29                                     | 4.30                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Color + #3-#7    | Fiber      | NA                   | F11       | Uncoated Soiled Fiber Products           | 1   | 0.06                                    | NA                                    | 5.03                                     | 4.71                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Color + #3-#7    | Fiber      | NA                   | F12       | Remainder/ Composite Fiber               | 1   | 0.11                                    | NA                                    | 3.68                                     | 4.14                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow    | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|--------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Color + #3-#7 | Metal      | NA            | M14       | Remainder/ Composite Metal                  | 1   | 0.52                                    | NA                                    | 3.75                                     | 5.56                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Color + #3-#7 | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps | 1   | 0.20                                    | NA                                    | 8.82                                     | 3.98                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Color + #3-#7 | Other      | NA            | X13       | Fines and Residuals                         | 1   | 0.19                                    | NA                                    | 7.87                                     | 6.26                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Color + #3-#7 | Plastic    | LDPE (#4)     | PL20      | LDPE Pigmented Single-Use Rigids            | 1   | 4.21                                    | NA                                    | 0.00                                     | NA                                     | Pass                                      | Fail                          | Target                              |

| Sampled Outflow    | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|--------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Color + #3-#7 | Plastic    | PS (#6)              | PL26      | PS Densified: Single-Use Food Service Ware | 1   | 8.41                                    | NA                                    | 8.88                                     | 5.40                                   | Fail                                      | Fail                          | Target                              |
| HDPE Color + #3-#7 | Plastic    | EPS (#6)             | PL27      | PS Expanded - Packaging                    | 1   | 0.47                                    | NA                                    | 7.17                                     | 5.32                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Color + #3-#7 | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware            | 1   | 2.29                                    | NA                                    | 5.92                                     | 2.89                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Color + #3-#7 | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film      | 1   | 0.16                                    | NA                                    | 8.85                                     | 4.06                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow                 | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Mixed Bottle & Container   | Other      | NA            | X11       | Mixed Material Single-Use                | 1   | 0.78                                    | NA                                    | 8.46                                     | 6.67                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Mixed Bottle & Container   | Other      | NA            | X13       | Fines and Residuals                      | 1   | 0.24                                    | NA                                    | 7.87                                     | 6.26                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Natural Bottle & Container | Fiber      | Paper/Fiber   | F09       | Uncoated Fiber-Based Food Service Ware   | 2   | 0.33                                    | 0.15                                  | 5.18                                     | 5.33                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Natural Bottle & Container | Fiber      | NA            | F10       | Composite Food Service Paper & Packaging | 5   | 0.68                                    | 0.76                                  | 4.29                                     | 4.30                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow                 | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                            | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------------|------------|---------------|-----------|--------------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Natural Bottle & Container | Fiber      | NA            | F11       | Uncoated Soiled Fiber Products       | 1   | 0.04                                    | NA                                    | 5.03                                     | 4.71                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Natural Bottle & Container | Fiber      | NA            | F12       | Remainder/ Composite Fiber           | 4   | 0.28                                    | 0.10                                  | 3.68                                     | 4.14                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Natural Bottle & Container | Other      | NA            | H01       | Household Hazardous Waste            | 3   | 3.38                                    | 2.83                                  | 11.77                                    | 15.94                                  | Fail                                      | Pass                          | Off-Target                          |
| HDPE Natural Bottle & Container | Other      | NA            | T01       | Textiles and Clothing                | 3   | 0.46                                    | 0.69                                  | 10.23                                    | 5.59                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Natural Bottle & Container | Other      | NA            | X04       | Mailing Pouches & Shipping Envelopes | 1   | 6.79                                    | NA                                    | 10.90                                    | 5.36                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow                 | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Natural Bottle & Container | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps | 4   | 3.90                                    | 2.28                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Natural Bottle & Container | Other      | NA            | X11       | Mixed Material Single-Use                   | 2   | 3.10                                    | 4.35                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Natural Bottle & Container | Other      | NA            | X13       | Fines and Residuals                         | 3   | 0.49                                    | 0.67                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Natural Bottle & Container | Plastic    | LDPE (#4)     | PL20      | LDPE Pigmented Single-Use Rigids            | 2   | 4.17                                    | 2.45                                  | 0.00                                     | NA                                     | Pass                                      | Pass                          | Off-Target                          |

| Sampled Outflow                 | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                 | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------------|------------|----------------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Natural Bottle & Container | Plastic    | PS (#6)              | PL25      | PS Thermoformed Clamshells and Containers | 1   | 2.88                                    | NA                                    | 7.03                                     | 6.73                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Natural Bottle & Container | Plastic    | EPS (#6)             | PL27      | PS Expanded - Packaging                   | 6   | 0.91                                    | 0.62                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Natural Bottle & Container | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware           | 1   | 1.07                                    | NA                                    | 5.92                                     | 2.89                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Natural Bottle & Container | Plastic    | Other/Mixed Plastics | PL33      | Films - Plastic Bags - Designed for Reuse | 2   | 3.78                                    | 4.42                                  | 10.67                                    | 4.05                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow                   | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Natural Bottle & Container   | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film    | 8   | 0.41                                    | 0.34                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Fiber      | Paper/Fiber          | F08       | Clean Molded Paper Fiber                 | 1   | 0.16                                    | NA                                    | 6.32                                     | 5.03                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Fiber      | Paper/Fiber          | F09       | Uncoated Fiber-Based Food Service Ware   | 2   | 0.36                                    | 0.32                                  | 5.18                                     | 5.33                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Fiber      | NA                   | F10       | Composite Food Service Paper & Packaging | 3   | 1.82                                    | 2.47                                  | 4.29                                     | 4.30                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow                   | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                            | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------------|------------|---------------|-----------|--------------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Pigmented Bottle & Container | Fiber      | NA            | F11       | Uncoated Soiled Fiber Products       | 2   | 0.30                                    | 0.28                                  | 5.03                                     | 4.71                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Fiber      | NA            | F12       | Remainder/ Composite Fiber           | 2   | 0.18                                    | 0.10                                  | 3.68                                     | 4.14                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Other      | NA            | H01       | Household Hazardous Waste            | 3   | 6.28                                    | 2.10                                  | 11.77                                    | 15.94                                  | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Other      | NA            | T01       | Textiles and Clothing                | 4   | 2.25                                    | 3.32                                  | 10.23                                    | 5.59                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Other      | NA            | X04       | Mailing Pouches & Shipping Envelopes | 1   | 6.60                                    | NA                                    | 10.90                                    | 5.36                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow                   | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Pigmented Bottle & Container | Other      | NA            | X09       | Treated Wood                                  | 2   | 5.11                                    | 6.89                                  | 12.12                                    | 8.54                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps   | 6   | 1.19                                    | 0.92                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Other      | NA            | X11       | Mixed Material Single-Use                     | 4   | 1.35                                    | 1.85                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 1   | 0.96                                    | NA                                    | 9.39                                     | 8.31                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow                   | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Pigmented Bottle & Container | Other      | NA            | X13       | Fines and Residuals                        | 5   | 0.48                                    | 0.86                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Plastic    | LDPE (#4)     | PL20      | LDPE Pigmented Single-Use Rigids           | 3   | 9.22                                    | 7.36                                  | 0.00                                     | NA                                     | Pass                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Plastic    | PS (#6)       | PL25      | PS Thermoformed Clamshells and Containers  | 1   | 2.89                                    | NA                                    | 7.03                                     | 6.73                                   | Fail                                      | Fail                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Plastic    | PS (#6)       | PL26      | PS Densified: Single-Use Food Service Ware | 1   | 4.33                                    | NA                                    | 8.88                                     | 5.40                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow                   | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                 | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------------|------------|----------------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| HDPE Pigmented Bottle & Container | Plastic    | EPS (#6)             | PL27      | PS Expanded - Packaging                   | 8   | 1.27                                    | 1.20                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware           | 2   | 4.89                                    | 5.33                                  | 5.92                                     | 2.89                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Plastic    | Other/Mixed Plastics | PL33      | Films - Plastic Bags - Designed for Reuse | 5   | 2.53                                    | 2.13                                  | 10.67                                    | 4.05                                   | Fail                                      | Pass                          | Off-Target                          |
| HDPE Pigmented Bottle & Container | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film     | 9   | 0.84                                    | 0.93                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Glass     | Fiber      | Paper/Fiber   | F08       | Clean Molded Paper Fiber                 | 3   | 1.30                                    | 0.60                                  | 6.32                                     | 5.03                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Glass     | Fiber      | Paper/Fiber   | F09       | Uncoated Fiber-Based Food Service Ware   | 2   | 0.81                                    | 0.47                                  | 5.18                                     | 5.33                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Glass     | Fiber      | NA            | F10       | Composite Food Service Paper & Packaging | 7   | 0.66                                    | 0.52                                  | 4.29                                     | 4.30                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Glass     | Fiber      | NA            | F11       | Uncoated Soiled Fiber Products           | 4   | 1.10                                    | 1.44                                  | 5.03                                     | 4.71                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                       | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Glass     | Fiber      | NA            | F12       | Remainder/ Composite Fiber                      | 8   | 3.43                                    | 4.82                                  | 3.68                                     | 4.14                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Glass     | Glass      | Green         | G04       | Glass Beverage Containers - Green/Emerald - CRV | 2   | 5.23                                    | 2.88                                  | 9.56                                     | NA                                     | Fail                                      | Pass                          | Target                              |
| Mixed Glass     | Metal      | NA            | M14       | Remainder/ Composite Metal                      | 4   | 0.43                                    | 0.47                                  | 3.75                                     | 5.56                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Glass     | Other      | NA            | H01       | Household Hazardous Waste                       | 5   | 13.11                                   | 14.42                                 | 11.77                                    | 15.94                                  | Pass                                      | Pass                          | Off-Target                          |
| Mixed Glass     | Other      | NA            | T01       | Textiles and Clothing                           | 7   | 0.98                                    | 0.88                                  | 10.23                                    | 5.59                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Glass     | Other      | NA            | X04       | Mailing Pouches & Shipping Envelopes        | 1   | 10.29                                   | NA                                    | 10.90                                    | 5.36                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Glass     | Other      | NA            | X08       | Plant Material Food Service Ware            | 1   | 15.80                                   | NA                                    | 4.78                                     | NA                                     | Pass                                      | Fail                          | Off-Target                          |
| Mixed Glass     | Other      | NA            | X09       | Treated Wood                                | 7   | 15.06                                   | 13.98                                 | 12.12                                    | 8.54                                   | Pass                                      | Pass                          | Off-Target                          |
| Mixed Glass     | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps | 19  | 9.49                                    | 8.96                                  | 8.82                                     | 3.98                                   | Pass                                      | Pass                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Glass     | Other      | NA            | X11       | Mixed Material Single-Use                     | 10  | 3.62                                    | 5.93                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Glass     | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 9   | 1.55                                    | 1.48                                  | 9.39                                     | 8.31                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Glass     | Other      |               | X13       | Fines and Residuals                           | 20  | 15.21                                   | 14.73                                 | 7.87                                     | 6.26                                   | Pass                                      | Pass                          | Off-Target                          |
| Mixed Glass     | Plastic    | PVC (#3)      | PL17      | PVC Multi-Use                                 | 2   | 3.13                                    | 3.15                                  | 9.69                                     | NA                                     | Fail                                      | Pass                          | Off-Target                          |
| Mixed Glass     | Plastic    | LDPE (#4)     | PL20      | LDPE Pigmented Single-Use Rigids              | 1   | 10.38                                   | NA                                    | 0.00                                     | NA                                     | Pass                                      | Fail                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Glass     | Plastic    | PS (#6)       | PL25      | PS Thermoformed Clamshells and Containers  | 1   | 5.81                                    | NA                                    | 7.03                                     | 6.73                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Glass     | Plastic    | PS (#6)       | PL26      | PS Densified: Single-Use Food Service Ware | 2   | 10.74                                   | 10.49                                 | 8.88                                     | 5.40                                   | Pass                                      | Pass                          | Off-Target                          |
| Mixed Glass     | Plastic    | EPS (#6)      | PL27      | PS Expanded - Packaging                    | 5   | 2.88                                    | 1.97                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow                         | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Glass                             | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware          | 6   | 4.44                                    | 3.02                                  | 5.92                                     | 2.89                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Glass                             | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film    | 9   | 0.81                                    | 0.68                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Fiber      | NA                   | F10       | Composite Food Service Paper & Packaging | 4   | 0.27                                    | 0.28                                  | 4.29                                     | 4.30                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Fiber      | NA                   | F11       | Uncoated Soiled Fiber Products           | 3   | 0.18                                    | 0.08                                  | 5.03                                     | 4.71                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow                         | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---|------------|---------------|-----------|----------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Ferrous - Steel/ Tin Cans | Fiber      | NA            | F12       | Remainder/ Composite Fiber | 4   | 4.39                                    | 4.48                                  | 3.68                                     | 4.14                                   | Pass                                      | Pass                          | Off-Target                          |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Metal      | NA            | M14       | Remainder/ Composite Metal | 7   | 12.48                                   | 8.95                                  | 3.75                                     | 5.56                                   | Pass                                      | Pass                          | Off-Target                          |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Other      | NA            | H01       | Household Hazardous Waste  | 2   | 12.29                                   | 9.06                                  | 11.77                                    | 15.94                                  | Pass                                      | Pass                          | Off-Target                          |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Other      | NA            | T01       | Textiles and Clothing      | 1   | 0.04                                    | NA                                    | 10.23                                    | 5.59                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow                         | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Ferrous - Steel/ Tin Cans | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps   | 6   | 3.50                                    | 4.60                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Other      | NA            | X11       | Mixed Material Single-Use                     | 7   | 3.37                                    | 5.02                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 7   | 6.22                                    | 8.96                                  | 9.39                                     | 8.31                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Other      | NA            | X13       | Fines and Residuals                           | 8   | 0.74                                    | 1.10                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow                         | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Ferrous - Steel/ Tin Cans | Plastic    | EPS (#6)             | PL27      | PS Expanded - Packaging                                | 2   | 1.47                                    | 0.80                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware                        | 1   | 3.58                                    | NA                                    | 5.92                                     | 2.89                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Metal - Ferrous - Steel/ Tin Cans | Plastic    | Other/Mixed Plastics | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 1   | 5.71                                    | NA                                    | 16.74                                    | 8.76                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow                         | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Ferrous - Steel/ Tin Cans | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film                  | 4   | 1.00                                    | 0.78                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Large                     | Metal      | NA                   | M11       | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders | 2   | 5.52                                    | 2.41                                  | 0.00                                     | NA                                     | Pass                                      | Pass                          | Off-Target                          |
| Mixed Metal - Large                     | Metal      | NA                   | M14       | Remainder/ Composite Metal                             | 9   | 30.00                                   | 51.04                                 | 3.75                                     | 5.56                                   | Pass                                      | Pass                          | Off-Target                          |
| Mixed Metal - Large                     | Other      | NA                   | H01       | Household Hazardous Waste                              | 3   | 9.16                                    | 7.53                                  | 11.77                                    | 15.94                                  | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow     | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Large | Other      | NA                   | X12       | Remainder/ Composite Mixed Material Multi-Use          | 3   | 5.00                                    | 3.63                                  | 9.39                                     | 8.31                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Large | Other      | NA                   | X13       | Fines and Residuals                                    | 1   | 0.09                                    | NA                                    | 7.87                                     | 6.26                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Metal - Large | Plastic    | Other/Mixed Plastics | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 1   | 5.16                                    | NA                                    | 16.74                                    | 8.76                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Metal - Large | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film                  | 1   | 0.19                                    | NA                                    | 8.85                                     | 4.06                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow           | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Non-Ferrous | Fiber      | Paper/Fiber   | F09       | Uncoated Fiber-Based Food Service Ware   | 3   | 0.25                                    | 0.29                                  | 5.18                                     | 5.33                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Fiber      | NA            | F10       | Composite Food Service Paper & Packaging | 4   | 0.24                                    | 0.37                                  | 4.29                                     | 4.30                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Fiber      | NA            | F11       | Uncoated Soiled Fiber Products           | 4   | 0.40                                    | 0.20                                  | 5.03                                     | 4.71                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Fiber      | NA            | F12       | Remainder/ Composite Fiber               | 3   | 0.17                                    | 0.09                                  | 3.68                                     | 4.14                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow           | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Non-Ferrous | Metal      | NA            | M11       | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders | 1   | 5.46                                    | NA                                    | 0.00                                     | NA                                     | Pass                                      | Fail                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Metal      | NA            | M14       | Remainder/ Composite Metal                             | 9   | 3.91                                    | 3.37                                  | 3.75                                     | 5.56                                   | Pass                                      | Pass                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Other      | NA            | H01       | Household Hazardous Waste                              | 3   | 4.36                                    | 3.39                                  | 11.77                                    | 15.94                                  | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Other      | NA            | T01       | Textiles and Clothing                                  | 1   | 0.06                                    | NA                                    | 10.23                                    | 5.59                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow           | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Non-Ferrous | Other      | NA            | X05       | Other Multi-Material Laminate Single-Use    | 1   | 2.71                                    | NA                                    | 12.64                                    | 12.64                                  | Fail                                      | Fail                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Other      | NA            | X09       | Treated Wood                                | 1   | 19.48                                   | NA                                    | 12.12                                    | 8.54                                   | Pass                                      | Fail                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps | 4   | 0.18                                    | 0.15                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Other      | NA            | X11       | Mixed Material Single-Use                   | 2   | 0.54                                    | 0.40                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow           | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Non-Ferrous | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 5   | 2.13                                    | 1.76                                  | 9.39                                     | 8.31                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Other      | NA            | X13       | Fines and Residuals                           | 3   | 0.34                                    | 0.23                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Plastic    | PET (#1)      | PL08      | PET Multi-Use Rigids                          | 1   | 0.51                                    | NA                                    | 11.30                                    | NA                                     | Fail                                      | Fail                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Plastic    | PS (#6)       | PL25      | PS Thermoformed Clamshells and Containers     | 1   | 5.69                                    | NA                                    | 7.03                                     | 6.73                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow           | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Non-Ferrous | Plastic    | PS (#6)              | PL26      | PS Densified: Single-Use Food Service Ware | 1   | 1.63                                    | NA                                    | 8.88                                     | 5.40                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Plastic    | EPS (#6)             | PL27      | PS Expanded - Packaging                    | 5   | 1.07                                    | 0.88                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware            | 7   | 1.57                                    | 0.84                                  | 5.92                                     | 2.89                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Non-Ferrous | Plastic    | Other/Mixed Plastics | PL33      | Films - Plastic Bags - Designed for Reuse  | 2   | 0.63                                    | 0.63                                  | 10.67                                    | 4.05                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow           | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Non-Ferrous | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film    | 8   | 0.69                                    | 0.61                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small       | Fiber      | Paper/Fiber          | F09       | Uncoated Fiber-Based Food Service Ware   | 1   | 0.29                                    | NA                                    | 5.18                                     | 5.33                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Metal - Small       | Fiber      | NA                   | F10       | Composite Food Service Paper & Packaging | 1   | 0.16                                    | NA                                    | 4.29                                     | 4.30                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Metal - Small       | Fiber      | NA                   | F12       | Remainder/ Composite Fiber               | 1   | 0.12                                    | NA                                    | 3.68                                     | 4.14                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow     | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Small | Metal      | NA            | M14       | Remainder/ Composite Metal                    | 4   | 32.03                                   | 27.01                                 | 3.75                                     | 5.56                                   | Pass                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small | Other      | NA            | H01       | Household Hazardous Waste                     | 2   | 21.80                                   | 14.63                                 | 11.77                                    | 15.94                                  | Pass                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small | Other      | NA            | X11       | Mixed Material Single-Use                     | 2   | 0.85                                    | 0.61                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 1   | 0.50                                    | NA                                    | 9.39                                     | 8.31                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Metal - Small | Other      | NA            | X13       | Fines and Residuals                           | 3   | 3.04                                    | 3.27                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow             | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Small         | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film    | 1   | 0.43                                    | NA                                    | 8.85                                     | 4.06                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Fiber      | Paper/Fiber          | F08       | Clean Molded Paper Fiber                 | 1   | 0.28                                    | NA                                    | 6.32                                     | 5.03                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Fiber      | Paper/Fiber          | F09       | Uncoated Fiber-Based Food Service Ware   | 2   | 0.59                                    | 0.60                                  | 5.18                                     | 5.33                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Fiber      | NA                   | F10       | Composite Food Service Paper & Packaging | 1   | 0.54                                    | NA                                    | 4.29                                     | 4.30                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow             | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Small Ferrous | Fiber      | NA            | F12       | Remainder/ Composite Fiber                             | 2   | 0.17                                    | 0.13                                  | 3.68                                     | 4.14                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Metal      | NA            | M11       | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders | 2   | 11.07                                   | 0.12                                  | 0.00                                     | NA                                     | Pass                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Metal      | NA            | M14       | Remainder/ Composite Metal                             | 1   | 3.22                                    | NA                                    | 3.75                                     | 5.56                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Other      | NA            | T01       | Textiles and Clothing                                  | 1   | 2.84                                    | NA                                    | 10.23                                    | 5.59                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow             | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Small Ferrous | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps   | 4   | 0.95                                    | 0.62                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Other      | NA            | X11       | Mixed Material Single-Use                     | 4   | 4.21                                    | 2.55                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 4   | 3.91                                    | 4.37                                  | 9.39                                     | 8.31                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Other      | NA            | X13       | Fines and Residuals                           | 2   | 1.81                                    | 1.07                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow             | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                 | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Small Ferrous | Plastic    | LDPE (#4)     | PL20      | LDPE Pigmented Single-Use Rigids          | 1   | 17.77                                   | NA                                    | 0.00                                     | NA                                     | Pass                                      | Fail                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Plastic    | PS (#6)       | PL25      | PS Thermoformed Clamshells and Containers | 2   | 24.23                                   | 29.01                                 | 7.03                                     | 6.73                                   | Pass                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Plastic    | EPS (#6)      | PL27      | PS Expanded - Packaging                   | 4   | 1.01                                    | 0.84                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Plastic    | EPS (#6)      | PL28      | PS Expanded - Food Service Ware           | 1   | 1.78                                    | NA                                    | 5.92                                     | 2.89                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow             | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                 | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------------------|------------|----------------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Metal - Small Ferrous | Plastic    | Other/Mixed Plastics | PL33      | Films - Plastic Bags - Designed for Reuse | 2   | 1.63                                    | 1.64                                  | 10.67                                    | 4.05                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Metal - Small Ferrous | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film     | 3   | 0.59                                    | 0.45                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Rigid Plastic         | Fiber      | NA                   | F11       | Uncoated Soiled Fiber Products            | 1   | 0.09                                    | NA                                    | 5.03                                     | 4.71                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Rigid Plastic         | Fiber      | NA                   | F12       | Remainder/ Composite Fiber                | 2   | 0.15                                    | 0.10                                  | 3.68                                     | 4.14                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow     | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                       | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Rigid Plastic | Glass      | Green         | G04       | Glass Beverage Containers - Green/Emerald - CRV | 1   | 5.16                                    | NA                                    | 9.56                                     | NA                                     | Fail                                      | Fail                          | Off-Target                          |
| Mixed Rigid Plastic | Metal      | NA            | M14       | Remainder/ Composite Metal                      | 2   | 3.51                                    | 2.18                                  | 3.75                                     | 5.56                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Rigid Plastic | Other      | NA            | SP02      | Bulky Items                                     | 1   | 5.80                                    | NA                                    | 0.00                                     | NA                                     | Pass                                      | Fail                          | Off-Target                          |
| Mixed Rigid Plastic | Other      | NA            | T01       | Textiles and Clothing                           | 1   | 0.72                                    | NA                                    | 10.23                                    | 5.59                                   | Fail                                      | Fail                          | Off-Target                          |
| Mixed Rigid Plastic | Other      | NA            | X09       | Treated Wood                                    | 1   | 4.97                                    | NA                                    | 12.12                                    | 8.54                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow     | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Rigid Plastic | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps   | 2   | 0.16                                    | 0.06                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Rigid Plastic | Other      | NA            | X11       | Mixed Material Single-Use                     | 3   | 0.53                                    | 0.16                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Rigid Plastic | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 4   | 4.60                                    | 4.21                                  | 9.39                                     | 8.31                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Rigid Plastic | Other      | NA            | X13       | Fines and Residuals                           | 3   | 0.11                                    | 0.03                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |
| Mixed Rigid Plastic | Plastic    | PET (#1)      | PL08      | PET Multi-Use Rigids                          | 3   | 7.33                                    | 3.20                                  | 11.30                                    | NA                                     | Fail                                      | Pass                          | Target                              |

| Sampled Outflow     | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                             | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|----------------------|-----------|---------------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Mixed Rigid Plastic | Plastic    | PVC (#3)             | PL17      | PVC Multi-Use                         | 3   | 7.78                                    | 3.72                                  | 9.69                                     | NA                                     | Fail                                      | Pass                          | Target                              |
| Mixed Rigid Plastic | Plastic    | EPS (#6)             | PL27      | PS Expanded - Packaging               | 1   | 0.33                                    | NA                                    | 7.17                                     | 5.32                                   | Fail                                      | Fail                          | Target                              |
| Mixed Rigid Plastic | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware       | 1   | 3.02                                    | NA                                    | 5.92                                     | 2.89                                   | Fail                                      | Fail                          | Target                              |
| Mixed Rigid Plastic | Plastic    | PS (#6)              | PL29      | PS Densified: Multi-Use               | 2   | 5.04                                    | 0.92                                  | 11.76                                    | 3.10                                   | Fail                                      | Pass                          | Target                              |
| Mixed Rigid Plastic | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film | 4   | 0.20                                    | 0.18                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Target                              |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| OCC             | Fiber      | Paper/Fiber   | F08       | Clean Molded Paper Fiber                 | 8   | 2.25                                    | 1.74                                  | 6.32                                     | 5.03                                   | Fail                                      | Pass                          | Target                              |
| OCC             | Fiber      | Paper/Fiber   | F09       | Uncoated Fiber-Based Food Service Ware   | 9   | 1.32                                    | 1.64                                  | 5.18                                     | 5.33                                   | Fail                                      | Pass                          | Target                              |
| OCC             | Fiber      | NA            | F10       | Composite Food Service Paper & Packaging | 13  | 0.37                                    | 0.35                                  | 4.29                                     | 4.30                                   | Fail                                      | Pass                          | Target                              |
| OCC             | Fiber      | NA            | F11       | Uncoated Soiled Fiber Products           | 14  | 0.64                                    | 0.53                                  | 5.03                                     | 4.71                                   | Fail                                      | Pass                          | Target                              |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                       | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| OCC             | Fiber      | NA            | F12       | Remainder/ Composite Fiber                      | 13  | 1.18                                    | 1.63                                  | 3.68                                     | 4.14                                   | Fail                                      | Pass                          | Target                              |
| OCC             | Glass      | Green         | G04       | Glass Beverage Containers - Green/Emerald - CRV | 1   | 4.73                                    | NA                                    | 9.56                                     | NA                                     | Fail                                      | Fail                          | Off-Target                          |
| OCC             | Metal      | NA            | M14       | Remainder/ Composite Metal                      | 2   | 0.09                                    | 0.10                                  | 3.75                                     | 5.56                                   | Fail                                      | Pass                          | Off-Target                          |
| OCC             | Other      | NA            | T01       | Textiles and Clothing                           | 6   | 1.24                                    | 1.30                                  | 10.23                                    | 5.59                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| OCC             | Other      | NA            | X04       | Mailing Pouches & Shipping Envelopes        | 3   | 2.13                                    | 1.58                                  | 10.90                                    | 5.36                                   | Fail                                      | Pass                          | Off-Target                          |
| OCC             | Other      | NA            | X05       | Other Multi-Material Laminate Single-Use    | 1   | 1.51                                    | NA                                    | 12.64                                    | 12.64                                  | Fail                                      | Fail                          | Off-Target                          |
| OCC             | Other      | NA            | X09       | Treated Wood                                | 4   | 2.02                                    | 1.96                                  | 12.12                                    | 8.54                                   | Fail                                      | Pass                          | Off-Target                          |
| OCC             | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps | 10  | 0.12                                    | 0.12                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| OCC             | Other      | NA            | X11       | Mixed Material Single-Use                     | 7   | 0.61                                    | 0.50                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |
| OCC             | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 9   | 0.74                                    | 1.15                                  | 9.39                                     | 8.31                                   | Fail                                      | Pass                          | Off-Target                          |
| OCC             | Other      | NA            | X13       | Fines and Residuals                           | 10  | 0.21                                    | 0.23                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |
| OCC             | Plastic    | PVC (#3)      | PL17      | PVC Multi-Use                                 | 1   | 0.10                                    | NA                                    | 9.69                                     | NA                                     | Fail                                      | Fail                          | Off-Target                          |
| OCC             | Plastic    | EPS (#6)      | PL27      | PS Expanded - Packaging                       | 12  | 0.46                                    | 0.43                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                 | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|----------------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| OCC             | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware           | 1   | 2.24                                    | NA                                    | 5.92                                     | 2.89                                   | Fail                                      | Fail                          | Off-Target                          |
| OCC             | Plastic    | PS (#6)              | PL29      | PS Densified: Multi-Use                   | 1   | 1.72                                    | NA                                    | 11.76                                    | 3.10                                   | Fail                                      | Fail                          | Off-Target                          |
| OCC             | Plastic    | Other/Mixed Plastics | PL31      | Plastic Wine Bladders                     | 2   | 4.94                                    | 1.91                                  | 26.32                                    | 23.57                                  | Fail                                      | Pass                          | Off-Target                          |
| OCC             | Plastic    | Other/Mixed Plastics | PL33      | Films - Plastic Bags - Designed for Reuse | 6   | 1.04                                    | 1.06                                  | 10.67                                    | 4.05                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow     | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| OCC                 | Plastic    | Other/Mixed Plastics | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 7   | 2.11                                    | 1.59                                  | 16.74                                    | 8.76                                   | Fail                                      | Pass                          | Off-Target                          |
| OCC                 | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film                  | 17  | 0.48                                    | 0.49                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Fiber      | Paper/Fiber          | F08       | Clean Molded Paper Fiber                               | 18  | 3.55                                    | 1.77                                  | 6.32                                     | 5.03                                   | Fail                                      | Pass                          | Target                              |

| Sampled Outflow     | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| ONP and Mixed Paper | Fiber      | Paper/Fiber   | F09       | Uncoated Fiber-Based Food Service Ware   | 17  | 4.58                                    | 2.92                                  | 5.18                                     | 5.33                                   | Fail                                      | Pass                          | Target                              |
| ONP and Mixed Paper | Fiber      | NA            | F10       | Composite Food Service Paper & Packaging | 20  | 3.39                                    | 1.36                                  | 4.29                                     | 4.30                                   | Fail                                      | Pass                          | Target                              |
| ONP and Mixed Paper | Fiber      | NA            | F11       | Uncoated Soiled Fiber Products           | 20  | 3.42                                    | 1.35                                  | 5.03                                     | 4.71                                   | Fail                                      | Pass                          | Target                              |
| ONP and Mixed Paper | Fiber      | NA            | F12       | Remainder/ Composite Fiber               | 17  | 3.35                                    | 2.26                                  | 3.68                                     | 4.14                                   | Fail                                      | Pass                          | Target                              |

| Sampled Outflow     | MT&F Class | MT&F Subclass           | MT&F Code | MT&F Name                            | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|-------------------------|-----------|--------------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| ONP and Mixed Paper | Fiber      | Multi-Material Laminate | X01       | Gable-top Cartons/ Aseptics - CRV    | 1   | 4.82                                    | NA                                    | 0.00                                     | NA                                     | Pass                                      | Fail                          | Target                              |
| ONP and Mixed Paper | Metal      | NA                      | M14       | Remainder/ Composite Metal           | 8   | 1.00                                    | 1.92                                  | 3.75                                     | 5.56                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Other      | NA                      | H01       | Household Hazardous Waste            | 2   | 1.40                                    | 1.32                                  | 11.77                                    | 15.94                                  | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Other      | NA                      | T01       | Textiles and Clothing                | 19  | 1.84                                    | 1.46                                  | 10.23                                    | 5.59                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Other      | NA                      | X04       | Mailing Pouches & Shipping Envelopes | 17  | 3.14                                    | 1.81                                  | 10.90                                    | 5.36                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow     | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| ONP and Mixed Paper | Other      | NA            | X05       | Other Multi-Material Laminate Single-Use    | 5   | 4.19                                    | 4.11                                  | 12.64                                    | 12.64                                  | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Other      | NA            | X08       | Plant Material Food Service Ware            | 1   | 1.90                                    | NA                                    | 4.78                                     | NA                                     | Fail                                      | Fail                          | Off-Target                          |
| ONP and Mixed Paper | Other      | NA            | X09       | Treated Wood                                | 7   | 1.45                                    | 1.65                                  | 12.12                                    | 8.54                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps | 14  | 1.10                                    | 1.10                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow     | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| ONP and Mixed Paper | Other      | NA            | X11       | Mixed Material Single-Use                     | 20  | 1.79                                    | 1.06                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 18  | 1.53                                    | 2.07                                  | 9.39                                     | 8.31                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Other      | NA            | X13       | Fines and Residuals                           | 20  | 0.58                                    | 0.48                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Plastic    | PVC (#3)      | PL16      | PVC Single-Use Rigids                         | 2   | 2.53                                    | 1.78                                  | 15.06                                    | 6.99                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Plastic    | PVC (#3)      | PL17      | PVC Multi-Use                                 | 1   | 3.92                                    | NA                                    | 9.69                                     | NA                                     | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow     | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| ONP and Mixed Paper | Plastic    | LDPE (#4)     | PL20      | LDPE Pigmented Single-Use Rigid            | 2   | 2.16                                    | 2.58                                  | 0.00                                     | NA                                     | Pass                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Plastic    | PS (#6)       | PL25      | PS Thermoformed Clamshells and Containers  | 6   | 1.75                                    | 1.73                                  | 7.03                                     | 6.73                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Plastic    | PS (#6)       | PL26      | PS Densified: Single-Use Food Service Ware | 13  | 2.52                                    | 1.81                                  | 8.88                                     | 5.40                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow     | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                          | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|----------------------|-----------|------------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| ONP and Mixed Paper | Plastic    | EPS (#6)             | PL27      | PS Expanded - Packaging            | 18  | 1.67                                    | 1.03                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware    | 12  | 2.11                                    | 1.00                                  | 5.92                                     | 2.89                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Plastic    | PS (#6)              | PL29      | PS Densified: Multi-Use            | 2   | 4.75                                    | 0.11                                  | 11.76                                    | 3.10                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Plastic    | Other/Mixed Plastics | PL31      | Plastic Wine Bladders              | 1   | 4.67                                    | NA                                    | 26.32                                    | 23.57                                  | Fail                                      | Fail                          | Off-Target                          |
| ONP and Mixed Paper | Plastic    | Other/Mixed Plastics | PL32      | Films - Plastic Bags - Compostable | 4   | 4.10                                    | 0.59                                  | 11.80                                    | 3.04                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow     | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|---------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| ONP and Mixed Paper | Plastic    | Other/Mixed Plastics | PL33      | Films - Plastic Bags - Designed for Reuse              | 12  | 1.94                                    | 1.03                                  | 10.67                                    | 4.05                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Plastic    | Other/Mixed Plastics | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 10  | 1.41                                    | 1.74                                  | 16.74                                    | 8.76                                   | Fail                                      | Pass                          | Off-Target                          |
| ONP and Mixed Paper | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film                  | 13  | 1.74                                    | 0.87                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle          | Other      | NA                   | T01       | Textiles and Clothing                                  | 1   | 0.42                                    | NA                                    | 10.23                                    | 5.59                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Bottle      | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps | 3   | 0.52                                    | 0.44                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle      | Other      | NA            | X11       | Mixed Material Single-Use                   | 4   | 0.49                                    | 0.31                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle      | Other      | NA            | X13       | Fines and Residuals                         | 5   | 0.37                                    | 0.39                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle      | Plastic    | PS (#6)       | PL25      | PS Thermoformed Clamshells and Containers   | 1   | 19.94                                   | NA                                    | 7.03                                     | 6.73                                   | Pass                                      | Fail                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Bottle      | Plastic    | PS (#6)              | PL26      | PS Densified: Single-Use Food Service Ware | 1   | 7.38                                    | NA                                    | 8.88                                     | 5.40                                   | Fail                                      | Fail                          | Off-Target                          |
| PET Bottle      | Plastic    | EPS (#6)             | PL27      | PS Expanded - Packaging                    | 2   | 0.81                                    | 0.68                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle      | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware            | 1   | 5.87                                    | NA                                    | 5.92                                     | 2.89                                   | Fail                                      | Fail                          | Off-Target                          |
| PET Bottle      | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film      | 1   | 4.98                                    | NA                                    | 8.85                                     | 4.06                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow        | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Bottle & Container | Fiber      | Paper/Fiber   | F08       | Clean Molded Paper Fiber                 | 1   | 0.07                                    | NA                                    | 6.32                                     | 5.03                                   | Fail                                      | Fail                          | Off-Target                          |
| PET Bottle & Container | Fiber      | Paper/Fiber   | F09       | Uncoated Fiber-Based Food Service Ware   | 2   | 0.45                                    | 0.28                                  | 5.18                                     | 5.33                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Fiber      | NA            | F10       | Composite Food Service Paper & Packaging | 8   | 0.22                                    | 0.28                                  | 4.29                                     | 4.30                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Fiber      | NA            | F11       | Uncoated Soiled Fiber Products           | 5   | 0.58                                    | 0.59                                  | 5.03                                     | 4.71                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow        | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Bottle & Container | Fiber      | NA            | F12       | Remainder/ Composite Fiber               | 8   | 0.64                                    | 1.11                                  | 3.68                                     | 4.14                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Other      | NA            | H01       | Household Hazardous Waste                | 2   | 1.01                                    | 1.23                                  | 11.77                                    | 15.94                                  | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Other      | NA            | T01       | Textiles and Clothing                    | 7   | 1.38                                    | 1.37                                  | 10.23                                    | 5.59                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Other      | NA            | X05       | Other Multi-Material Laminate Single-Use | 1   | 1.53                                    | NA                                    | 12.64                                    | 12.64                                  | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow        | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Bottle & Container | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps   | 11  | 0.87                                    | 0.77                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Other      | NA            | X11       | Mixed Material Single-Use                     | 7   | 0.55                                    | 0.73                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 3   | 0.26                                    | 0.29                                  | 9.39                                     | 8.31                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Other      | NA            | X13       | Fines and Residuals                           | 11  | 0.28                                    | 0.22                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Plastic    | PET (#1)      | PL08      | PET Multi-Use Rigids                          | 2   | 7.28                                    | 8.62                                  | 11.30                                    | NA                                     | Fail                                      | Pass                          | Target                              |

| Sampled Outflow        | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Bottle & Container | Plastic    | PVC (#3)      | PL16      | PVC Single-Use Rigids                      | 2   | 7.08                                    | 2.37                                  | 15.06                                    | 6.99                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Plastic    | LDPE (#4)     | PL20      | LDPE Pigmented Single-Use Rigids           | 1   | 0.63                                    | NA                                    | 0.00                                     | NA                                     | Pass                                      | Fail                          | Off-Target                          |
| PET Bottle & Container | Plastic    | PS (#6)       | PL25      | PS Thermoformed Clamshells and Containers  | 3   | 6.42                                    | 6.03                                  | 7.03                                     | 6.73                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Plastic    | PS (#6)       | PL26      | PS Densified: Single-Use Food Service Ware | 3   | 7.29                                    | 5.73                                  | 8.88                                     | 5.40                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow        | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                 | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------|------------|----------------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Bottle & Container | Plastic    | EPS (#6)             | PL27      | PS Expanded - Packaging                   | 12  | 0.72                                    | 0.55                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware           | 5   | 1.87                                    | 1.40                                  | 5.92                                     | 2.89                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Bottle & Container | Plastic    | Other/Mixed Plastics | PL33      | Films - Plastic Bags - Designed for Reuse | 1   | 0.47                                    | NA                                    | 10.67                                    | 4.05                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow        | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Bottle & Container | Plastic    | Other/Mixed Plastics | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 1   | 0.01                                    | NA                                    | 16.74                                    | 8.76                                   | Fail                                      | Fail                          | Off-Target                          |
| PET Bottle & Container | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film                  | 11  | 0.54                                    | 0.60                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Off-Target                          |
| PET Thermoform         | Other      | NA                   | X11       | Mixed Material Single-Use                              | 1   | 0.15                                    | NA                                    | 8.46                                     | 6.67                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Thermoform  | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 1   | 0.53                                    | NA                                    | 9.39                                     | 8.31                                   | Fail                                      | Fail                          | Off-Target                          |
| PET Thermoform  | Other      | NA            | X13       | Fines and Residuals                           | 1   | 0.17                                    | NA                                    | 7.87                                     | 6.26                                   | Fail                                      | Fail                          | Off-Target                          |
| PET Thermoform  | Plastic    | PS (#6)       | PL25      | PS Thermoformed Clamshells and Containers     | 1   | 4.01                                    | NA                                    | 7.03                                     | 6.73                                   | Fail                                      | Fail                          | Off-Target                          |
| PET Thermoform  | Plastic    | EPS (#6)      | PL27      | PS Expanded - Packaging                       | 2   | 1.27                                    | 0.50                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| PET Thermoform  | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware          | 1   | 4.35                                    | NA                                    | 5.92                                     | 2.89                                   | Fail                                      | Fail                          | Off-Target                          |
| PET Thermoform  | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film    | 3   | 0.35                                    | 0.19                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Off-Target                          |
| Plastic #3-#7   | Fiber      | Paper/Fiber          | F09       | Uncoated Fiber-Based Food Service Ware   | 1   | 0.52                                    | NA                                    | 5.18                                     | 5.33                                   | Fail                                      | Fail                          | Off-Target                          |
| Plastic #3-#7   | Fiber      | NA                   | F10       | Composite Food Service Paper & Packaging | 3   | 2.60                                    | 1.56                                  | 4.29                                     | 4.30                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                      | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|--------------------------------|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Plastic #3-#7   | Fiber      | NA            | F11       | Uncoated Soiled Fiber Products | 1   | 1.16                                    | NA                                    | 5.03                                     | 4.71                                   | Fail                                      | Fail                          | Off-Target                          |
| Plastic #3-#7   | Fiber      | NA            | F12       | Remainder/ Composite Fiber     | 1   | 0.64                                    | NA                                    | 3.68                                     | 4.14                                   | Fail                                      | Fail                          | Off-Target                          |
| Plastic #3-#7   | Metal      | NA            | M14       | Remainder/ Composite Metal     | 1   | 0.05                                    | NA                                    | 3.75                                     | 5.56                                   | Fail                                      | Fail                          | Off-Target                          |
| Plastic #3-#7   | Other      | NA            | H01       | Household Hazardous Waste      | 1   | 0.21                                    | NA                                    | 11.77                                    | 15.94                                  | Fail                                      | Fail                          | Off-Target                          |
| Plastic #3-#7   | Other      | NA            | T01       | Textiles and Clothing          | 3   | 0.44                                    | 0.41                                  | 10.23                                    | 5.59                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Plastic #3-#7   | Other      | NA            | X04       | Mailing Pouches & Shipping Envelopes        | 1   | 4.28                                    | NA                                    | 10.90                                    | 5.36                                   | Fail                                      | Fail                          | Off-Target                          |
| Plastic #3-#7   | Other      | NA            | X08       | Plant Material Food Service Ware            | 1   | 18.62                                   | NA                                    | 4.78                                     | NA                                     | Pass                                      | Fail                          | Off-Target                          |
| Plastic #3-#7   | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps | 4   | 1.54                                    | 1.07                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |
| Plastic #3-#7   | Other      | NA            | X11       | Mixed Material Single-Use                   | 3   | 1.26                                    | 1.09                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Plastic #3-#7   | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 2   | 0.35                                    | 0.10                                  | 9.39                                     | 8.31                                   | Fail                                      | Pass                          | Off-Target                          |
| Plastic #3-#7   | Other      | NA            | X13       | Fines and Residuals                           | 3   | 0.63                                    | 0.48                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |
| Plastic #3-#7   | Plastic    | PVC (#3)      | PL16      | PVC Single-Use Rigids                         | 1   | 5.70                                    | NA                                    | 15.06                                    | 6.99                                   | Fail                                      | Fail                          | Target                              |
| Plastic #3-#7   | Plastic    | LDPE (#4)     | PL20      | LDPE Pigmented Single-Use Rigids              | 1   | 5.58                                    | NA                                    | 0.00                                     | NA                                     | Pass                                      | Fail                          | Target                              |

| Sampled Outflow | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Plastic #3-#7   | Plastic    | PS (#6)       | PL25      | PS Thermoformed Clamshells and Containers  | 1   | 6.58                                    | NA                                    | 7.03                                     | 6.73                                   | Fail                                      | Fail                          | Target                              |
| Plastic #3-#7   | Plastic    | PS (#6)       | PL26      | PS Densified: Single-Use Food Service Ware | 3   | 6.65                                    | 9.12                                  | 8.88                                     | 5.40                                   | Fail                                      | Pass                          | Target                              |
| Plastic #3-#7   | Plastic    | EPS (#6)      | PL27      | PS Expanded - Packaging                    | 4   | 8.93                                    | 7.73                                  | 7.17                                     | 5.32                                   | Pass                                      | Pass                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                 | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|----------------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Plastic #3-#7   | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware           | 1   | 5.06                                    | NA                                    | 5.92                                     | 2.89                                   | Fail                                      | Fail                          | Off-Target                          |
| Plastic #3-#7   | Plastic    | Other/Mixed Plastics | PL33      | Films - Plastic Bags - Designed for Reuse | 1   | 0.66                                    | NA                                    | 10.67                                    | 4.05                                   | Fail                                      | Fail                          | Off-Target                          |
| Plastic #3-#7   | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film     | 1   | 3.12                                    | NA                                    | 8.85                                     | 4.06                                   | Fail                                      | Fail                          | Off-Target                          |
| Plastic Film    | Fiber      | NA                   | F12       | Remainder/ Composite Fiber                | 1   | 0.41                                    | NA                                    | 3.68                                     | 4.14                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|----------------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Plastic Film    | Other      | NA                   | X10       | Green Material, Clean Wood, and Food Scraps | 1   | 0.15                                    | NA                                    | 8.82                                     | 3.98                                   | Fail                                      | Fail                          | Off-Target                          |
| Plastic Film    | Other      | NA                   | X11       | Mixed Material Single-Use                   | 1   | 0.14                                    | NA                                    | 8.46                                     | 6.67                                   | Fail                                      | Fail                          | Off-Target                          |
| Plastic Film    | Plastic    | EPS (#6)             | PL27      | PS Expanded - Packaging                     | 1   | 0.56                                    | NA                                    | 7.17                                     | 5.32                                   | Fail                                      | Fail                          | Off-Target                          |
| Plastic Film    | Plastic    | Other/Mixed Plastics | PL33      | Films - Plastic Bags - Designed for Reuse   | 1   | 0.87                                    | NA                                    | 10.67                                    | 4.05                                   | Fail                                      | Fail                          | Target                              |

| Sampled Outflow | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|-----------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Plastic Film    | Plastic    | Other/Mixed Plastics | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 1   | 11.25                                   | NA                                    | 16.74                                    | 8.76                                   | Fail                                      | Fail                          | Target                              |
| Plastic Film    | Plastic    | Other/Mixed Plastics | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 1   | 11.25                                   | NA                                    | 16.74                                    | 8.76                                   | Fail                                      | Fail                          | Target                              |
| Plastic Film    | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film                  | 1   | 0.97                                    | NA                                    | 8.85                                     | 4.06                                   | Fail                                      | Fail                          | Target                              |

| Sampled Outflow                            | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|--|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Plastic Film - Agricultural and Commercial | Plastic    | Other/Mixed Plastics | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 1   | 158.52                                  | NA                                    | 16.74                                    | 8.76                                   | Pass                                      | Fail                          | Target                              |
| Polypropylene #5                           | Fiber      | Paper/Fiber          | F08       | Clean Molded Paper Fiber                               | 1   | 4.13                                    | NA                                    | 6.32                                     | 5.03                                   | Fail                                      | Fail                          | Off-Target                          |
| Polypropylene #5                           | Fiber      | Paper/Fiber          | F09       | Uncoated Fiber-Based Food Service Ware                 | 2   | 1.84                                    | 0.47                                  | 5.18                                     | 5.33                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow  | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Polypropylene #5 | Fiber      | NA            | F10       | Composite Food Service Paper & Packaging               | 7   | 1.72                                    | 2.71                                  | 4.29                                     | 4.30                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Fiber      | NA            | F11       | Uncoated Soiled Fiber Products                         | 5   | 0.67                                    | 0.77                                  | 5.03                                     | 4.71                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Fiber      | NA            | F12       | Remainder/ Composite Fiber                             | 5   | 0.72                                    | 0.91                                  | 3.68                                     | 4.14                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Metal      | NA            | M11       | Metal Hazardous Waste: Used Oil Filters, Gas Cylinders | 1   | 16.56                                   | NA                                    | 0.00                                     | NA                                     | Pass                                      | Fail                          | Off-Target                          |

| Sampled Outflow  | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                   | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Polypropylene #5 | Metal      | NA            | M14       | Remainder/ Composite Metal                  | 2   | 0.15                                    | 0.20                                  | 3.75                                     | 5.56                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Other      | NA            | T01       | Textiles and Clothing                       | 2   | 1.21                                    | 1.50                                  | 10.23                                    | 5.59                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Other      | NA            | X08       | Plant Material Food Service Ware            | 1   | 7.59                                    | NA                                    | 4.78                                     | NA                                     | Pass                                      | Fail                          | Off-Target                          |
| Polypropylene #5 | Other      | NA            | X09       | Treated Wood                                | 2   | 8.51                                    | 11.34                                 | 12.12                                    | 8.54                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Other      | NA            | X10       | Green Material, Clean Wood, and Food Scraps | 4   | 0.98                                    | 0.86                                  | 8.82                                     | 3.98                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow  | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                     | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------|------------|---------------|-----------|---|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Polypropylene #5 | Other      | NA            | X11       | Mixed Material Single-Use                     | 5   | 1.23                                    | 1.92                                  | 8.46                                     | 6.67                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Other      | NA            | X12       | Remainder/ Composite Mixed Material Multi-Use | 4   | 1.48                                    | 1.52                                  | 9.39                                     | 8.31                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Other      | NA            | X13       | Fines and Residuals                           | 7   | 0.50                                    | 0.44                                  | 7.87                                     | 6.26                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Plastic    | PVC (#3)      | PL16      | PVC Single-Use Rigids                         | 3   | 11.87                                   | 3.27                                  | 15.06                                    | 6.99                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Plastic    | PVC (#3)      | PL17      | PVC Multi-Use                                 | 1   | 0.36                                    | NA                                    | 9.69                                     | NA                                     | Fail                                      | Fail                          | Off-Target                          |
| Polypropylene #5 | Plastic    | LDPE (#4)     | PL18      | LDPE Clear Beverage Bottles                   | 2   | 13.76                                   | 2.01                                  | 0.00                                     | NA                                     | Pass                                      | Pass                          | Off-Target                          |

| Sampled Outflow  | MT&F Class | MT&F Subclass | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------|------------|---------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Polypropylene #5 | Plastic    | LDPE (#4)     | PL20      | LDPE Pigmented Single-Use Rigid            | 3   | 11.02                                   | 8.42                                  | 0.00                                     | NA                                     | Pass                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Plastic    | PS (#6)       | PL25      | PS Thermoformed Clamshells and Containers  | 4   | 8.76                                    | 8.44                                  | 7.03                                     | 6.73                                   | Pass                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Plastic    | PS (#6)       | PL26      | PS Densified: Single-Use Food Service Ware | 6   | 6.06                                    | 5.47                                  | 8.88                                     | 5.40                                   | Fail                                      | Pass                          | Off-Target                          |

| Sampled Outflow  | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name                                  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Polypropylene #5 | Plastic    | PS (#6)              | PL26      | PS Densified: Single-Use Food Service Ware | 6   | 6.06                                    | 5.47                                  | 8.88                                     | 5.40                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Plastic    | EPS (#6)             | PL27      | PS Expanded - Packaging                    | 8   | 1.35                                    | 1.02                                  | 7.17                                     | 5.32                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Plastic    | EPS (#6)             | PL28      | PS Expanded - Food Service Ware            | 5   | 4.73                                    | 2.94                                  | 5.92                                     | 2.89                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Plastic    | Other/Mixed Plastics | PL32      | Films - Plastic Bags - Compostable         | 1   | 8.95                                    | NA                                    | 11.80                                    | 3.04                                   | Fail                                      | Fail                          | Off-Target                          |

| Sampled Outflow  | MT&F Class | MT&F Subclass        | MT&F Code | MT&F Name  | Number of Facilities with MT&F present in Outflow | Scaled Weight of MT&F in Outflow (Mean) | Scaled Weight of MT&F in Outflow (SD) | Scaled Weight of MT&F in Residual (Mean) | Scaled Weight of MT&F in Residual (SD) | Filter for Outflow vs. Residual Threshold | Filter for Facility Threshold | Filter for MT&F to Outflow Matching |
|------------------|------------|----------------------|-----------|--|---|---|---------------------------------------|--|--|---|-------------------------------|-------------------------------------|
| Polypropylene #5 | Plastic    | Other/Mixed Plastics | PL33      | Films - Plastic Bags - Designed for Reuse              | 2   | 4.01                                    | 4.92                                  | 10.67                                    | 4.05                                   | Fail                                      | Pass                          | Off-Target                          |
| Polypropylene #5 | Plastic    | Other/Mixed Plastics | PL34      | Films - Plastic Non-Bags - Agricultural and Commercial | 1   | 1.49                                    | NA                                    | 16.74                                    | 8.76                                   | Fail                                      | Fail                          | Off-Target                          |
| Polypropylene #5 | Plastic    | Other/Mixed Plastics | PL35      | Films - Plastic Non-Bags - Other Film                  | 7   | 2.07                                    | 1.21                                  | 8.85                                     | 4.06                                   | Fail                                      | Pass                          | Off-Target                          |