

SB 343 Material Characterization Study Final Findings - 2023/2024 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 large volume transfer/processing facilities (LVTP facilities).

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 (“2024 jurisdiction survey”) (see Appendix 1, Section 1.6 for additional information).
- Appendix 1, Section 1.2: displays the “2024 jurisdiction 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 1.4: addresses material type and forms not reported in the “2024 jurisdiction survey” or the “2024 supplementary local jurisdiction internet research survey” of this report that were previously assessed in SB 343 Material Characterization Preliminary Findings Report ([DRRR-2023-1728](#)).
- 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.
- Appendix 1, Section 2.2, Table E1: displays the results of the Preliminary Report jurisdiction survey of SB 343 material types and forms to supplement the jurisdiction survey results in the main report.

Materials Sorted by LVTPs/Material Characterization Study

- Appendix 1, Section 1.5: displays the questions asked of LVTP facilities by CalRecycle staff via phone interviews.
- Appendix 1, Section 1.6: displays the designation of counties to a focal region.
- Appendix 1, Section 1.7: 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 1.7 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 2.3, Table F1: displays all outflow names, the corresponding number of samples, and number of facilities sampled in the Material Characterization Study.
- Appendix 1, Section 2.3, Table F2: displays proposed sample weights for common outflows targeted by the contracted field team.
- Appendix 1, Section 2.4, Table G1 - G3: 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 2.5, Table H1 - H5: displays material types and forms rarely observed, as defined as less than 1% of the outflow, during the Material Characterization Study.
- Appendix 1, Section 2.6, Table I1: displays exempted material types and forms and provides the rationale for their exclusion from the study.
- Appendix 1, Section 2.7, Table J1: 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 2.7, Table J2: 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.
- Appendix 1, Section 2.8, Table K1: provides an example of sparse data for rare and light-weight items in target outflows.

Section 1: Methodology

Section 1.1: “2024 Jurisdiction Survey” Materials Aligned with SB 343 Material Types and Forms

This crosswalk table translates survey material category responses to SB 343 material types 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). Rows with “NA” are items in the “SB 343 Material Type and Form List” which were excluded from this survey.

Table A1. Alignment of “2024 Jurisdiction Survey” Materials to SB 343 Material Types and Forms

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
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

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	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
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

Survey Material Class	Survey Material Type	Survey Material Form	SB 343 MT&F	Material Type and Form Name
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
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

Survey Material Class	Survey Material Type	Survey Material Form	SB 343 MT&F	Material Type and Form Name
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
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 Rigid
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 Rigid
Plastic	Polyethylene Terephthalate (PET #1)	PET (#1) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs	PL06	Other PET Clear Single-Use Rigid
Plastic	Polyethylene Terephthalate (PET #1)	PET (#1) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs	PL07	Other PET Pigmented Single-Use Rigid

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	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 Rigid
Plastic	Polyethylene Terephthalate (PET #1)	PET (#1) Other Rigid Items (not including containers)	PL07	Other PET Pigmented Single-Use Rigid
Plastic	Polyethylene Terephthalate (PET #1)	PET (#1) Other Rigid Items (not including containers)	PL08	PET Multi-Use Rigid
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
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

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)	PL13	Other HDPE Clear Single-Use Rigids
Plastic	High Density Polyethylene (HDPE #2)	HDPE (#2) Bottles, Jugs, and Jars (Pigmented/Color)	PL14	HDPE Pigmented Single-Use Rigids
Plastic	High Density Polyethylene (HDPE #2)	HDPE (#2) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs	PL13	Other HDPE Clear Single-Use Rigids
Plastic	High Density Polyethylene (HDPE #2)	HDPE (#2) Other Rigid Containers, Cups, Lids, Plates, Trays, Tubs	PL14	HDPE Pigmented Single-Use Rigids
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 Rigids
Plastic	High Density Polyethylene (HDPE #2)	HDPE (#2) Other Rigid Items (not including containers)	PL14	HDPE Pigmented Single-Use Rigids
Plastic	High Density Polyethylene (HDPE #2)	HDPE (#2) Other Rigid Items (not including containers)	PL15	Other HDPE Multi-Use Rigids

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) 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 Rigid
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
Plastic	Low Density Polyethylene (LDPE #4)	LDPE (#4) Bottles, Jugs, and Jars	PL19	LDPE Clear Single-Use Rigid

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	PL20	LDPE Pigmented Single-Use Rigid
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 Rigid
Plastic	Low Density Polyethylene (LDPE #4)	LDPE (#4) Other Rigid Items	PL20	LDPE Pigmented Single-Use Rigid
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 Rigid
Plastic	Polypropylene (PP#5)	PP (#5) Bottles, Jugs, and Jars	PL23	PP Pigmented Single-Use Rigid

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: “2024 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 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 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 provided a blank fill-in box.)*

4. May we follow up with you if we have any questions regarding your survey responses? *(Respondent provided radio buttons to select from the listed options)*

- a. Yes
- b. No

5. Does your jurisdiction have a residential curbside residential recycling program? *(Respondent provided radio buttons to select from the listed options.)*

- 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 provided a blank fill-in box to complete.)

–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 from the listed options.)*

- ☐ 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 under the “not accepted” column in the following table.)

	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 from the listed options.)

- a. Yes
- b. No

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

Ex: Glass Bottles and Jars.

(Respondent provided radio buttons to select from the listed options.)

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 under the "not accepted" column in the following table.)

	Not Accepted
Ceramic	
Small Ceramic Items - with Two 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 is not accepted for recycling if it has an attached plastic adhesive label.

(Respondent provided radio buttons to select from the listed options.)

- a. Yes
- b. No

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

Ex: Ceramic.

(Respondent 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 under the "not accepted" column in the following table.)

	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 under the "not accepted" column in the following table.)

	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 under the “not accepted” column in the following table.)

	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 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 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 under the “not accepted” column in the following table.)

	Not Accepted
Kraft Paper	
Molded Fiber	
Aseptic Containers	
Gable-top Cartons	
Other Forms of Multi-Material Laminate	

	Not Accepted
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	

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 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 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 provided radio buttons to select under the "not accepted" column in the following table.)

	Not Accepted
PET (#1) Bottles, Jugs, and Jars (Clear)	
PET (#1) Bottles, Jugs, and Jars (Pigmented/Color)	

	Not Accepted
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 under the "not accepted" column in the following table.)

	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 under the "not accepted" column in the following table.)

	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 under the "not accepted" column in the following table.)

	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 under the "not accepted" column in the following table.)

	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 under the "not accepted" column in the following table.)

	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 under the "not accepted" column in the following table.)*

Material form	Not Accepted
Rigid Items from Plastics and Polymers Designed for Compostability	Not Accepted
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 under the "not accepted" column in the following table.)*

	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 under the "not accepted" column in the following table.)*

	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 under the "not accepted" column in the following table.)*

	Not Accepted
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	

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 from the listed options.)

- 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 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 provided a blank fill-in box.)
2. From what URL are you gathering data? (Respondent 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 from the listed options.)
 - a. Yes
 - b. No

If “no” response:

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 provided a blank fill-in box.)

–End of Survey–

If “yes” response:

4. What type of residential curbside collection program does your jurisdiction have (i.e., how many collection bins)?

(Respondent provided radio buttons to select from the listed options.)

- 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)

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” columns in the following table.)

	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				

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" columns in the following table.)

	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				

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)", "Accepted (Non-plastic only)", and "Unknown" columns in the following table.)

	Not Accepted	Accepted (Non-plastic and plastic)	Accepted (Non-plastic only)	Unknown
Aluminum Cans, Bottles and Other Non-aerosol Containers				
Aluminum Foil Sheets				
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” columns in the following table.)

	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” columns in the following table.)

	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" columns in the following table.)

	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				

	Not Accepted	Accepted (Non-plastic and plastic)	Accepted (Non-plastic only)	Unknown
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" columns in the following table.)

	Not Accepted	Accepted	Unknown
PET (#1) Bottles, Jugs, and Jars (Clear)			
PET (#1) Bottles, Jugs, and Jars (Pigmented/Color)			

	Not Accepted	Accepted	Unknown
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" columns in the following table.)

	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" columns in the following table.)

	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" columns in the following table.)

	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" columns in the following table.)

	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" columns in the following table.)

	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" columns in the following table.)

	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" columns in the following table.)

	Not Accepted	Accepted (Non-plastic and plastic)	Accepted (Non-plastic only)	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" columns in the following table.)

	Not Accepted	Accepted (Non-plastic and plastic)	Accepted (Non-plastic only)	Unknown
Textiles from Other Plastic				

	Not Accepted	Accepted (Non-plastic and plastic)	Accepted (Non-plastic only)	Unknown
Other/Mixed Plastics Rigid Items				
Other/Mixed Plastics Flexible and Film Items				
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" columns in the following table.)

Material Type	Not Accepted	Accepted (Non-plastic and plastic)	Accepted (Non-plastic only)	Unknown
Untreated Wood				
Treated or Painted Wood				

Material Type	Not Accepted	Accepted (Non-plastic and plastic)	Accepted (Non-plastic only)	Unknown
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 provided a blank fill-in box.)

Section 1.4: CalRecycle’s 2023 Preliminary Local Jurisdiction Internet Research Survey

For material type and forms not addressed in the “2024 local jurisdiction survey” or the “2024 supplementary local jurisdiction internet research survey,” an additional table is included from the “2023 preliminary local jurisdiction internet research survey,” originally published as part of the SB 343 Material Characterization Preliminary Findings Report ([DRRR-2023-1728](#)), December 2023. Using population data combined with information on materials accepted by jurisdiction curbside recycling programs, CalRecycle estimated the proportion of the statewide population that accepts a given material type and form for recycling collection (see CalRecycle Publication DRRR-2023-1728, Preliminary Report Methods: Collection by Jurisdiction Recycling Programs, Preliminary Report Summary of Findings: Collection by Jurisdiction Recycling Programs, and Preliminary Report Appendix 4).

Section 1.5: 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 1.6: 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 “2023 LVTP facilities survey.”

Table B1. List of California Counties within Each Region

Region	Counties
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 1.7: 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 “2024 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/ 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/ 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/ Composite Mixed 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/ 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	<p>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 non-box 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.</p>	<p>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.</p>

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, non-tearing 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/ 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 Rigids	Other HDPE Multi-Use Rigids 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 Rigids	PVC Single-Use Rigids 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 Rigid	LDPE Clear Single-Use Rigid 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 Rigid	LDPE Pigmented Single-Use Rigid 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 Rigids	Other (7) Single-Use Rigids 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/ 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 “2024 Jurisdiction Survey.” Column one lists the material category from the jurisdiction survey question sections. Column two lists the jurisdiction survey material type. Columns 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, respectively. Column six lists the estimated percent of California’s population with access to residential curbside recycling collection for a given survey material. Rows with “NA” are items in the “SB 343 Material Type and Form List” which were excluded from this survey. “SAP” is applied to items excluded from this survey and subject to additional programs. This includes M09 (subject to Public Resources Code (PRC) 48701 (h)(1)(A)); SP03 (includes items subject to Business and Professions Code (BPC) 17580 (g)(1)(B)); SP01 (subject to BPC 17580 (g)(1)(C)).

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

Survey Material Category	Survey Material Type	MT&F Category	MT&F Code	SB 343 Material Type & Form	Percent of Population with Collection Access
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%
Paper	Paperboard	Fiber	F06	Folded Paper Containers and Other Paperboard Packaging	98%

Survey Material Category	Survey Material Type	MT&F Category	MT&F Code	SB 343 Material Type & Form	Percent of Population with Collection Access
Paper	Other Mixed Paper	Fiber	F07	Other Mixed Paper	97%
Paper	Molded Fiber	Fiber	F08	Clean Molded Paper Fiber	94%
NA	NA	Fiber	F09	Uncoated Fiber-Based Food Service Ware	NA
NA	NA	Fiber	F10	Composite Food Service Paper and Packaging	NA
NA	NA	Fiber	F11	Uncoated Soiled Fiber Products	NA
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%
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%
NA	NA	Other	H01	Household Hazardous Waste	NA

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 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%
NA	NA	Metal	M09	Tin/Steel Paint Cans	SAP
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%

Survey Material Category	Survey Material Type	MT&F Category	MT&F Code	SB 343 Material Type & Form	Percent of Population with Collection Access
Metal	Other Forms of Aluminum	Metal	M13	Other Nonferrous Metal	80%
Metal	Other Nonferrous Metal	Metal	M13	Other Nonferrous Metal	76%
NA	NA	Metal	M14	Remainder/ Composite Metal	NA
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%
Plastic	PET 1 Bottles Jugs and Jars Clear	Plastic	PL06	Other PET Clear Single-Use Rigid	99%
Plastic	PET 1 Other Rigid Containers Cups Lids Plates Trays Tubs	Plastic	PL06	Other PET Clear Single-Use Rigid	88%
Plastic	PET 1 Other Rigid Items not including containers	Plastic	PL06	Other PET Clear Single-Use Rigid	86%
Plastic	PET 1 Bottles Jugs and Jars Pigmented/ Color	Plastic	PL07	Other PET Pigmented Single-Use Rigid	96%
Plastic	PET 1 Other Rigid Containers Cups Lids Plates Trays Tubs	Plastic	PL07	Other PET Pigmented Single-Use Rigid	88%
Plastic	PET 1 Other Rigid Items not including containers	Plastic	PL07	Other PET Pigmented Single-Use Rigid	86%

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 Other Rigid Items not including containers	Plastic	PL08	PET Multi-Use Rigid	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%
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%
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%

Survey Material Category	Survey Material Type	MT&F Category	MT&F Code	SB 343 Material Type & Form	Percent of Population with Collection Access
NA	NA	Plastic	PL24	PP Multi-Use	NA
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%
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%

Survey Material Category	Survey Material Type	MT&F Category	MT&F Code	SB 343 Material Type & Form	Percent of Population with Collection Access
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%
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%

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 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%
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%

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	PL35	Films - Plastic Non-Bags - Other Film	24%
Plastic	PVC 3 Flexible and Film Items	Plastic	PL35	Films - Plastic Non-Bags - Other Film	23%
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%
Plastic	Other Mixed Plastics Rigid Items	Plastic	PL38	Mixed Plastic Multi-Use	51%
NA	NA	Plastic	PL39	Remainder/ Composite Plastic	NA

Survey Material Category	Survey Material Type	MT&F Category	MT&F Code	SB 343 Material Type & Form	Percent of Population with Collection Access
NA	NA	Other	SP01	Tires	SAP
NA	NA	Other	SP02	Bulky Items	NA
NA	NA	Other	SP03	Mattresses and Foundations	SAP
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%
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%
NA	NA	Other	X11	Mixed Material Single-Use	NA
NA	NA	Other	X12	Remainder/ Composite Mixed Material Multi-Use	NA

Survey Material Category	Survey Material Type	MT&F Category	MT&F Code	SB 343 Material Type & Form	Percent of Population with Collection Access
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: Results of 2023 Preliminary Local Jurisdiction Internet Research Survey

Table E1 indicates additional material results from the SB 343 Preliminary Findings Report (DRRR-2023-1728) Jurisdiction Survey ("2023 preliminary local jurisdiction internet research survey") (see Methodology Section 1.4). Column one lists the material type and form class. Column two lists the material type and form code. Column three lists the material type and form name. Column four lists the estimated percent of California's population with access to residential curbside recycling collection for a given survey material, based on the "2023 preliminary local jurisdiction internet research survey" (see Section 1.4 for methodology). Rows with "NA" are items in the "SB 343 Material Type and Form List" which

were excluded from this survey. “SAP” is applied to items excluded from this survey and subject to additional programs. This includes M09 (subject to Public Resources Code (PRC) 48701 (h)(1)(A)); SP03 (includes items subject to Business and Professions Code (BPC) 17580 (g)(1)(B)); and SP01 (subject to BPC 17580 (g)(1)(C)).

Table E1. Preliminary Results on Percentage of Statewide Population with Access to a Residential Curbside Recycling Program Which Accepts SB 343 Material Types and Forms

MT&F Class	MT&F Code	Material Type and Form (MT&F)	Percentage of the California population that accepts a given category for recycling
Fiber	F09	Uncoated Fiber-Based Food Service Ware	44%
Fiber	F10	Composite Food Service Paper and Packaging	17%
Fiber	F11	Uncoated Soiled Fiber Products	0%
Other	H01	Household Hazardous Waste	NA
Metal	M09	Tin/Steel Paint Cans	SAP
Metal	M11	Metal Hazardous Waste: Used Oil Filters, Gas Cylinders	0%
Metal	M14	Remainder/ Composite Metal	24%
Plastic	PL24	PP Multi-Use	73%
Plastic	PL39	Remainder/ Composite Plastic	10%
Other	SP01	Tires	SAP
Other	SP02	Bulky Items	10%
Other	SP03	Mattresses and Foundations	SAP
Other	T01	Textiles and Clothing	0.50%
Other	X11	Mixed Material Single-Use	10%
Other	X12	Remainder/ Composite Mixed Material Multi-Use	12%

Section 2.3: List of Outflows Sampled in Large Volume Transfer/Processing Facility Material Characterization Study

Table F1 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 F2 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 F1. Outflows Sampled by Outflow Material Class

Outflow Material Class	Outflow Name	Total Number of Samples	Number of Facilities Sampled	Equivalent Survey Outflows	Count of Facilities with Survey Outflows
Fiber	Old Newspaper (ONP) and Mixed Paper	44	22	Mixed Paper	23
Fiber	Old Corrugated Cardboard (OCC)	31	23	OCC	27
Fiber	Gable-top Carton and Aseptic Containers	15	7	Gable-top; Aseptics	9
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

Outflow Material Class	Outflow Name	Total Number of Samples	Number of Facilities Sampled	Equivalent Survey Outflows	Count of Facilities with Survey Outflows
Glass	Glass - Brown/Amber	1	1	Mixed Glass	26
Metal	Mixed Metal - Non-Ferrous	27	12	Mixed Metal - Non-Ferrous	8
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; 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

Outflow Material Class	Outflow Name	Total Number of Samples	Number of Facilities Sampled	Equivalent Survey Outflows	Count of Facilities with Survey Outflows
Plastic	HDPE Mixed Bottle and Container	2	1	HDPE Mixed Bottle and Container	6
Plastic	Expanded Polystyrene #6	1	1	Expanded Polystyrene #6	7
Plastic	Plastic Film - Agricultural and Commercial	1	1	Plastic Film Mix	9

Table F2. 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 2.4: 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 G1) and those sorted to mixed material outflows (Table G2). In addition, analysis is provided which considers sorting to specified outflows and/or mixed material outflows (Table G3). Surveyed facilities serve 34 out of 58 counties statewide, and the populations of those counties make up 93% 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 LVTP facilities 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 LVTP facilities that sort that material type and form into outflows. For the sixth column, scaling was performed as follows:

- Within each county, CalRecycle counted the number of study LVTP 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 ((Scaled Percent of Surveyed Counties Served [by Solid Waste Inflow Tonnage]) estimates material type and form sorting assuming partial coverage of counties by each study LVTP facility.

Rows with “NA” 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 2.5; Appendix 1, Section 2.6; and Appendix 1, Section 2.7 for details).

“NA” is applied to Remainder/Composite items; Remainder/Composite categories are not identifiable to the level of material type and form. “SAP” is 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 G2 to indicate the mixed material outflow name into which each material type and form was consistently sorted. In Table G2, material types and forms are annotated with an asterisk in column one if they receive consistent sortation only into mixed material outflows.

Table G1. Sorting of Material Types and Forms to Specified Outflows, by Counties Served by Surveyed LVTP Facilities

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)
F01	Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)	Fiber	34	100	70
F02	White Office-Type Paper and Mail	Fiber	13	38	16
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	34	100	73
G02	Glass Beverage Containers - Clear/Flint – CRV	Glass	SAP	SAP	SAP
G03	Glass Containers - Green/ Emerald - non-CRV	Glass	34	100	73

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)
G04	Glass Beverage Containers - Green/Emerald – CRV	Glass	SAP	SAP	SAP
G05	Glass Containers - Brown/ Amber - non-CRV	Glass	34	100	73
G06	Glass Beverage Containers - Brown/Amber – CRV	Glass	SAP	SAP	SAP
G07	Glass Containers - Other Colors - non-CRV	Glass	34	100	73
G08	Glass Beverage Containers - Other Colors – CRV	Glass	SAP	SAP	SAP
G09	Remainder/ Composite Glass	Glass	NA	NA	NA
H01	Household Hazardous Waste	Other	NA	NA	NA
M01	Aluminum Cans and Lids - non-CRV	Metal	27	79	49
M02	Aluminum Beverage Cans - CRV	Metal	SAP	SAP	SAP
M03	Aluminum Bottles - non-CRV	Metal	27	79	49
M04	Aluminum Bottles for Beverages - CRV	Metal	SAP	SAP	SAP
M05	Aluminum Foil (<3 mm), Sheets	Metal	27	79	49
M06	Aluminum Foil (>3 mm), Molded Containers	Metal	27	79	49
M07	Tin/Steel Cans, Lids - non-CRV	Metal	34	100	73
M08	Tin/Steel Beverage Containers - CRV	Metal	SAP	SAP	SAP
M09	Tin/Steel Paint Cans	Metal	SAP	SAP	SAP
M10	Tin/Steel Aerosol Containers	Metal	34	100	72
M11	Metal Hazardous Waste: Used Oil Filters, Gas Cylinders	Metal	NA	NA	NA
M12	Other Ferrous Metal	Metal	25	74	46
M13	Other Nonferrous Metal	Metal	25	74	46
M14	Remainder/ Composite Metal	Metal	NA	NA	NA
PL01	PET Clear Bottles - non-CRV	Plastic	34	100	72

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)
PL02	PET Clear Beverage Bottles - CRV	Plastic	SAP	SAP	SAP
PL03	PET Pigmented Bottles - non-CRV	Plastic	34	100	72
PL04	PET Pigmented Beverage Bottles - CRV	Plastic	SAP	SAP	SAP
PL05	PET Thermoformed Clamshells and Containers	Plastic	34	100	72
PL06	Other PET Clear Single-Use Rigids	Plastic	34	100	72
PL07	Other PET Pigmented Single-Use Rigids	Plastic	34	100	72
PL08	PET Multi-Use Rigids	Plastic	NA	NA	NA
PL09	HDPE Clear Beverage Bottles - non-CRV	Plastic	33	97	68
PL10	HDPE Clear Beverage Bottles - CRV	Plastic	SAP	SAP	SAP
PL11	HDPE Buckets: Food	Plastic	33	97	68
PL12	HDPE Buckets: non-Food	Plastic	NA	NA	NA
PL13	Other HDPE Clear Single-Use Rigids	Plastic	33	97	68
PL14	HDPE Pigmented Single-Use Rigids	Plastic	33	97	68
PL15	Other HDPE Multi-Use Rigids	Plastic	NA	NA	NA
PL16	PVC Single-Use Rigids	Plastic	NA	NA	NA
PL17	PVC Multi-Use	Plastic	NA	NA	NA
PL18	LDPE Clear Beverage Bottles	Plastic	NA	NA	NA
PL19	LDPE Clear Single-Use Rigids	Plastic	NA	NA	NA
PL20	LDPE Pigmented Single-Use Rigids	Plastic	NA	NA	NA
PL21	LDPE Multi-Use	Plastic	NA	NA	NA
PL22	PP Clear Single-Use Rigids	Plastic	29	85	59
PL23	PP Pigmented Single-Use Rigids	Plastic	29	85	59
PL24	PP Multi-Use	Plastic	29	85	59

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)
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 Rigids	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
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	SAP	SAP	SAP
SP02	Bulky Items	Other	NA	NA	NA
SP03	Mattresses and Foundations	Other	SAP	SAP	SAP
T01	Textiles and Clothing	Other	NA	NA	NA
X01	Gable-top Cartons/ Aseptics - CRV	Fiber	SAP	SAP	SAP
X02	Gable-top Cartons - non-CRV	Fiber	16	47	28
X03	Aseptic Containers - non-CRV	Fiber	16	47	28
X04	Mailing Pouches & Shipping Envelopes	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)
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
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 G2. Sorting of Material Types and Forms to Mixed Material Outflows, by Counties Served by Surveyed LVTP facilities

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	32	94	65	Mixed Paper
F02	White Office-Type Paper and Mail	Fiber	32	94	65	Mixed Paper
F03*	Newspapers/ Newspaper Inserts	Fiber	32	94	65	Mixed Paper

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
F04*	Magazines and Catalogs	Fiber	32	94	65	Mixed Paper
F05*	Paper Bags and Kraft Paper	Fiber	32	94	65	Mixed Paper
F06*	Folded Paper Containers and Other Paperboard Packaging	Fiber	32	94	65	Mixed Paper
F07*	Other Mixed Paper	Fiber	32	94	65	Mixed Paper
PL09	HDPE Clear Beverage Bottles - non-CRV	Plastic	34	100	72	Mixed Rigid Plastic
PL11	HDPE Buckets: Food	Plastic	34	100	72	Mixed Rigid Plastic
PL12*	HDPE Buckets: non-Food	Plastic	34	100	72	Mixed Rigid Plastic
PL13	Other HDPE Clear Single-Use Rigids	Plastic	34	100	72	Mixed Rigid Plastic
PL14	HDPE Pigmented Single-Use Rigids	Plastic	34	100	72	Mixed Rigid Plastic
PL15*	Other HDPE Multi-Use Rigids	Plastic	34	100	72	Mixed Rigid Plastic
PL21*	LDPE Multi-Use	Plastic	34	100	72	Mixed Rigid Plastic
PL23	PP Pigmented Single-Use Rigids	Plastic	34	100	99	Mixed Rigid Plastic
PL24	PP Multi-Use	Plastic	34	100	99	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
PL37*	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	Plastic	34	100	72	Mixed Rigid Plastic
PL38*	Mixed Plastic Multi-Use	Plastic	34	100	72	Mixed Rigid Plastic
PL19*	LDPE Clear Single-Use Rigids	Plastic	15	44	27	Plastic 3-7 Mix
PL22	PP Clear Single-Use Rigids	Plastic	15	44	27	Plastic 3-7 Mix
PL23	PP Pigmented Single-Use Rigids	Plastic	34	100	99	Plastic 3-7 Mix
PL24	PP Multi-Use	Plastic	34	100	99	Plastic 3-7 Mix
PL30*	Other (7) Single-Use Rigids	Plastic	15	44	27	Plastic 3-7 Mix
PL36*	Films - Plastic Bags - Designed for Disposal	Plastic	19	56	31	Plastic Film Mix

Table G3. Sorting of Material Types and Forms to All Outflows, by Counties Served by Surveyed LVTP Facilities

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	34	100	73
F02	White Office-Type Paper and Mail	Fiber	33	97	69
F03	Newspapers/ Newspaper Inserts	Fiber	32	94	65
F04	Magazines and Catalogs	Fiber	32	94	65
F05	Paper Bags and Kraft Paper	Fiber	32	94	65
F06	Folded Paper Containers and Other Paperboard Packaging	Fiber	32	94	65
F07	Other Mixed Paper	Fiber	32	94	65
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 and 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	34	100	73

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)
G02	Glass Beverage Containers - Clear/Flint - CRV	Glass	SAP	SAP	SAP
G03	Glass Containers - Green/ Emerald - Non-CRV	Glass	34	100	73
G04	Glass Beverage Containers - Green/Emerald – CRV	Glass	SAP	SAP	SAP
G05	Glass Containers - Brown/ Amber - Non-CRV	Glass	34	100	73
G06	Glass Beverage Containers - Brown/Amber - CRV	Glass	SAP	SAP	SAP
G07	Glass Containers - Other Colors - Non-CRV	Glass	34	100	73
G08	Glass Beverage Containers - Other Colors - CRV	Glass	SAP	SAP	SAP
G09	Remainder/ Composite Glass	Glass	NA	NA	NA
H01	Household Hazardous Waste	Other	NA	NA	NA
M01	Aluminum Cans and Lids - Non-CRV	Metal	27	79	49
M02	Aluminum Beverage Cans - CRV	Metal	NA	NA	NA
M03	Aluminum Bottles - Non-CRV	Metal	27	79	49
M04	Aluminum Bottles for Beverages - CRV	Metal	SAP	SAP	SAP
M05	Aluminum Foil (<3 mm), Sheets	Metal	27	79	49

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)
M06	Aluminum Foil (>3 mm), Molded Containers	Metal	27	79	49
M07	Tin/Steel Cans, Lids - Non-CRV	Metal	34	100	73
M08	Tin/Steel Beverage Containers - CRV	Metal	SAP	SAP	SAP
M09	Tin/Steel Paint Cans	Metal	SAP	SAP	SAP
M10	Tin/Steel or Aluminum Aerosol Containers	Metal	34	100	72
M11	Metal Hazardous Waste: Used Oil Filters, Gas Cylinders	Metal	NA	NA	NA
M12	Other Ferrous Metal	Metal	25	74	46
M13	Other Non-Ferrous Metal	Metal	25	74	46
M14	Remainder/ Composite Metal	Metal	NA	NA	NA
PL01	PET Clear Bottles - Non-CRV	Plastic	34	100	72
PL02	PET Clear Beverage Bottles - CRV	Plastic	SAP	SAP	SAP
PL03	PET Pigmented Bottles - Non-CRV	Plastic	34	100	72
PL04	PET Pigmented Beverage Bottles - CRV	Plastic	SAP	SAP	SAP
PL05	PET Thermoformed Clamshells and Containers	Plastic	34	100	72
PL06	Other PET Clear Single-Use Rigids	Plastic	34	100	72

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)
PL07	Other PET Pigmented Single-Use Rigid	Plastic	34	100	72
PL08	PET Multi-Use Rigid	Plastic	NA	NA	NA
PL09	HDPE Clear Beverage Bottles - Non-CRV	Plastic	34	100	72
PL10	HDPE Clear Beverage Bottles - CRV	Plastic	SAP	SAP	SAP
PL11	HDPE Buckets: Food	Plastic	34	100	72
PL12	HDPE Buckets: Non-Food	Plastic	34	100	72
PL13	Other HDPE Clear Single-Use Rigid	Plastic	34	100	72
PL14	HDPE Pigmented Single-Use Rigid	Plastic	34	100	72
PL15	Other HDPE Multi-Use Rigid	Plastic	34	100	72
PL16	PVC Single-Use Rigid	Plastic	NA	NA	NA
PL17	PVC Multi-Use	Plastic	NA	NA	NA
PL18	LDPE Clear Beverage Bottles	Plastic	NA	NA	NA
PL19	LDPE Clear Single-Use Rigid	Plastic	15	44	27
PL20	LDPE Pigmented Single-Use Rigid	Plastic	NA	NA	NA
PL21	LDPE Multi-Use	Plastic	34	100	72
PL22	PP Clear Single-Use Rigid	Plastic	32	94	68
PL23	PP Pigmented Single-Use Rigid	Plastic	34	100	72

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)
PL24	PP Multi-Use	Plastic	34	100	72
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 Rigids	Plastic	15	44	27
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
PL35	Films - Plastic Non-Bags - Other Film	Plastic	NA	NA	NA
PL36	Films - Plastic Bags - Designed for Disposal	Plastic	19	56	31
PL37	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	Plastic	34	100	72
PL38	Mixed Plastic Multi-Use	Plastic	34	100	72

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)
PL39	Remainder/ Composite Plastic	Plastic	NA	NA	NA
SP01	Tires	Other	SAP	SAP	SAP
SP02	Bulky Items	Other	NA	NA	NA
SP03	Mattresses and Foundations	Other	SAP	SAP	SAP
T01	Textiles and Clothing	Other	NA	NA	NA
X01	Gable-top Cartons/ Aseptics - CRV	Fiber	SAP	SAP	SAP
X02	Gable-top Cartons - Non-CRV	Fiber	16	47	28
X03	Aseptic Containers - Non-CRV	Fiber	16	47	28
X04	Mailing Pouches and 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
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

Section 2.5: 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 H1), glass (Table H2), metal (Table H3), plastic (Table H4), and residual (Table H5). 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 class, name, and 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 H1. 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 Carton and Aseptic Containers	15	Fiber	Folded Paper Containers and Other Paperboard Packaging	F06	0.543%	0.565%
Gable-top Carton and Aseptic Containers	15	Fiber	Composite Food Service Paper and Packaging	F10	0.487%	0.748%
Gable-top Carton and Aseptic Containers	15	Fiber	Magazines and Catalogs	F04	0.452%	1.413%
Gable-top Carton and Aseptic Containers	15	Other	Mixed Material Single-Use	X11	0.378%	0.749%
Gable-top Carton and Aseptic Containers	15	Plastic	Other PET Clear Single-Use Rigids	PL06	0.207%	0.397%

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 Carton and Aseptic Containers	15	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.156%	0.541%
Gable-top Carton and Aseptic Containers	15	Other	Other Multi-Material Laminate Single-Use	X05	0.127%	0.344%
Gable-top Carton and Aseptic Containers	15	Plastic	PP Pigmented Single-Use Rigids	PL23	0.120%	0.218%
Gable-top Carton and Aseptic Containers	15	Other	Fines and Residuals	X13	0.107%	0.193%
Gable-top Carton and Aseptic Containers	15	Fiber	Other Mixed Paper	F07	0.105%	0.188%
Gable-top Carton and Aseptic Containers	15	Fiber	White Office-Type Paper and Mail	F02	0.086%	0.208%
Gable-top Carton and Aseptic Containers	15	Fiber	Remainder/ Composite Fiber	F12	0.076%	0.139%
Gable-top Carton and Aseptic Containers	15	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.050%	0.095%
Gable-top Carton and Aseptic Containers	15	Plastic	HDPE Clear Beverage Bottles - non-CRV	PL09	0.041%	0.064%

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 Carton and Aseptic Containers	15	Plastic	HDPE Pigmented Single-Use Rigid	PL14	0.037%	0.059%
Gable-top Carton and Aseptic Containers	15	Metal	Aluminum Beverage Cans - CRV	M02	0.035%	0.064%
Gable-top Carton and Aseptic Containers	15	Fiber	Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)	F01	0.035%	0.094%
Gable-top Carton and Aseptic Containers	15	Metal	Aluminum Cans and Lids - non-CRV	M01	0.034%	0.114%
Gable-top Carton and Aseptic Containers	15	Plastic	PP Clear Single-Use Rigid	PL22	0.033%	0.045%
Gable-top Carton and Aseptic Containers	15	Metal	Tin/Steel Cans, Lids - non-CRV	M07	0.021%	0.038%
Gable-top Carton and Aseptic Containers	15	Plastic	PS Expanded - Packaging	PL27	0.020%	0.029%
Gable-top Carton and Aseptic Containers	15	Plastic	PVC Multi-Use	PL17	0.020%	0.063%
Gable-top Carton and Aseptic Containers	15	Other	Household Hazardous Waste	H01	0.020%	0.063%

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 Carton and Aseptic Containers	15	Plastic	PET Thermoformed Clamshells and Containers	PL05	0.018%	0.046%
Gable-top Carton and Aseptic Containers	15	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.017%	0.019%
Gable-top Carton and Aseptic Containers	15	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.016%	0.023%
Gable-top Carton and Aseptic Containers	15	Plastic	Mixed Plastic Multi-Use	PL38	0.014%	0.018%
Gable-top Carton and Aseptic Containers	15	Fiber	Uncoated Soiled Fiber Products	F11	0.012%	0.031%
Gable-top Carton and Aseptic Containers	15	Plastic	PET Pigmented Bottles - non-CRV	PL03	0.012%	0.031%
Gable-top Carton and Aseptic Containers	15	Fiber	Paper Bags and Kraft Paper	F05	0.011%	0.033%
Gable-top Carton and Aseptic Containers	15	Fiber	Newspapers/ Newspaper Inserts	F03	0.010%	0.017%
Gable-top Carton and Aseptic Containers	15	Plastic	Other HDPE Multi-Use Rigid	PL15	0.009%	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)
Gable-top Carton and Aseptic Containers	15	Plastic	Other HDPE Clear Single-Use Rigids	PL13	0.008%	0.026%
Gable-top Carton and Aseptic Containers	15	Other	Mailing Pouches and Shipping Envelopes	X04	0.004%	0.011%
Gable-top Carton and Aseptic Containers	15	Metal	Other Ferrous Metal	M12	0.004%	0.012%
Gable-top Carton and Aseptic Containers	15	Plastic	HDPE Clear Beverage Bottles - CRV	PL10	0.004%	0.012%
Gable-top Carton and Aseptic Containers	15	Metal	Aluminum Foil (<3 mm), Sheets	M05	0.002%	0.005%
Gable-top Carton and Aseptic Containers	15	Metal	Aluminum Foil (>3 mm), Molded Containers	M06	0.002%	0.005%
Gable-top Carton and Aseptic Containers	15	Metal	Aluminum Bottles - non-CRV	M03	0.000%	0.001%
OCC	31	Fiber	Composite Food Service Paper and Packaging	F10	0.633%	1.216%
OCC	31	Fiber	Remainder/ Composite Fiber	F12	0.592%	0.717%
OCC	31	Fiber	Paper Bags and Kraft Paper	F05	0.581%	0.593%
OCC	31	Fiber	Uncoated Soiled Fiber Products	F11	0.370%	0.562%
OCC	31	Other	Remainder/ Composite Mixed Material Multi-Use	X12	0.276%	0.538%

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)
OCC	31	Other	Textiles and Clothing	T01	0.266%	0.483%
OCC	31	Metal	Other Nonferrous Metal	M13	0.205%	0.457%
OCC	31	Fiber	White Office-Type Paper and Mail	F02	0.197%	0.358%
OCC	31	Other	Mixed Material Single-Use	X11	0.172%	0.476%
OCC	31	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.172%	0.239%
OCC	31	Fiber	Uncoated Fiber-Based Food Service Ware	F09	0.170%	0.373%
OCC	31	Fiber	Newspapers/ Newspaper Inserts	F03	0.161%	0.421%
OCC	31	Other	Fines and Residuals	X13	0.153%	0.249%
OCC	31	Fiber	Clean Molded Paper Fiber	F08	0.135%	0.276%
OCC	31	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.135%	0.193%
OCC	31	Plastic	Mixed Plastic Multi-Use	PL38	0.129%	0.413%
OCC	31	Plastic	HDPE Pigmented Single-Use Rigid	PL14	0.112%	0.201%
OCC	31	Plastic	Remainder/ Composite Plastic	PL39	0.111%	0.287%
OCC	31	Plastic	Films - Plastic Non-Bags - Agricultural and Commercial	PL34	0.108%	0.154%
OCC	31	Fiber	Magazines and Catalogs	F04	0.106%	0.285%
OCC	31	Other	Treated Wood	X09	0.081%	0.304%
OCC	31	Plastic	PP Pigmented Single-Use Rigid	PL23	0.073%	0.150%
OCC	31	Plastic	Other HDPE Clear Single-Use Rigid	PL13	0.068%	0.148%
OCC	31	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.058%	0.092%
OCC	31	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.051%	0.077%
OCC	31	Plastic	PS Expanded - Packaging	PL27	0.051%	0.090%

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)
OCC	31	Plastic	Films - Plastic Bags - Designed for Reuse	PL33	0.047%	0.109%
OCC	31	Plastic	HDPE Clear Beverage Bottles - non-CRV	PL09	0.043%	0.104%
OCC	31	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%
OCC	31	Metal	Tin/Steel Cans, Lids - non-CRV	M07	0.031%	0.083%
OCC	31	Glass	Glass Beverage Containers - Brown/Amber - CRV	G06	0.031%	0.110%
OCC	31	Plastic	PET Thermoformed Clamshells and Containers	PL05	0.030%	0.066%
OCC	31	Plastic	PP Multi-Use	PL24	0.030%	0.062%
OCC	31	Fiber	Aseptic Containers - non-CRV	X03	0.029%	0.085%
OCC	31	Metal	Other Ferrous Metal	M12	0.025%	0.106%
OCC	31	Plastic	HDPE Clear Beverage Bottles - CRV	PL10	0.023%	0.077%
OCC	31	Plastic	PET Clear Bottles - non-CRV	PL01	0.017%	0.058%
OCC	31	Plastic	Other HDPE Multi-Use Rigids	PL15	0.014%	0.078%
OCC	31	Metal	Aluminum Beverage Cans - CRV	M02	0.013%	0.026%
OCC	31	Other	Mailing Pouches and Shipping Envelopes	X04	0.010%	0.024%
OCC	31	Plastic	PP Clear Single-Use Rigids	PL22	0.008%	0.017%
OCC	31	Glass	Remainder/ Composite Glass	G09	0.007%	0.019%
OCC	31	Plastic	PET Pigmented Bottles - non-CRV	PL03	0.007%	0.017%
OCC	31	Plastic	Plastic Wine Bladders	PL31	0.005%	0.021%
OCC	31	Other	Other Multi-Material Laminate Single-Use	X05	0.005%	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)
OCC	31	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%
OCC	31	Metal	Aluminum Foil (>3 mm), Molded Containers	M06	0.005%	0.013%
OCC	31	Plastic	LDPE Clear Single-Use Rigids	PL19	0.005%	0.013%
OCC	31	Glass	Glass Containers - Other Colors - non-CRV	G07	0.005%	0.019%
OCC	31	Plastic	PVC Multi-Use	PL17	0.004%	0.019%
OCC	31	Metal	Remainder/ Composite Metal	M14	0.004%	0.016%
OCC	31	Plastic	Other (7) Single-Use Rigids	PL30	0.003%	0.016%
OCC	31	Plastic	PS Densified: Multi-Use	PL29	0.003%	0.010%
OCC	31	Plastic	Other PET Pigmented Single-Use Rigids	PL07	0.002%	0.009%
OCC	31	Metal	Aluminum Bottles - non-CRV	M03	0.001%	0.007%
OCC	31	Plastic	PS Expanded - Food Service Ware	PL28	0.001%	0.008%
OCC	31	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%
ONP and Mixed Paper	44	Fiber	Uncoated Fiber-Based Food Service Ware	F09	0.872%	1.093%
ONP and Mixed Paper	44	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.673%	0.746%
ONP and Mixed Paper	44	Other	Textiles and Clothing	T01	0.616%	0.649%

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)
ONP and Mixed Paper	44	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%
ONP and Mixed Paper	44	Other	Fines and Residuals	X13	0.460%	0.487%
ONP and Mixed Paper	44	Plastic	PET Thermoformed Clamshells and Containers	PL05	0.444%	0.660%
ONP and Mixed Paper	44	Fiber	Clean Molded Paper Fiber	F08	0.374%	0.409%
ONP and Mixed Paper	44	Fiber	Gable-top Cartons - Non-CRV	X02	0.350%	0.415%
ONP and Mixed Paper	44	Other	Green Material, Clean Wood, and Food Scraps	X10	0.333%	0.438%
ONP and Mixed Paper	44	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.291%	0.500%
ONP and Mixed Paper	44	Plastic	PS Expanded - Packaging	PL27	0.235%	0.429%
ONP and Mixed Paper	44	Plastic	PP Pigmented Single-Use Rigid	PL23	0.208%	0.231%
ONP and Mixed Paper	44	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.194%	0.166%
ONP and Mixed Paper	44	Metal	Aluminum Beverage Cans - CRV	M02	0.167%	0.258%
ONP and Mixed Paper	44	Plastic	PP Clear Single-Use Rigid	PL22	0.149%	0.160%
ONP and Mixed Paper	44	Other	Treated Wood	X09	0.148%	0.454%

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)
ONP and Mixed Paper	44	Plastic	Films - Plastic Bags - Designed for Reuse	PL33	0.143%	0.179%
ONP and Mixed Paper	44	Plastic	HDPE Pigmented Single-Use Rigid	PL14	0.126%	0.289%
ONP and Mixed Paper	44	Plastic	PP Multi-Use	PL24	0.121%	0.357%
ONP and Mixed Paper	44	Plastic	Other PET Clear Single-Use Rigid	PL06	0.118%	0.199%
ONP and Mixed Paper	44	Fiber	Aseptic Containers - non-CRV	X03	0.110%	0.158%
ONP and Mixed Paper	44	Metal	Tin/Steel Cans, Lids - non-CRV	M07	0.107%	0.201%
ONP and Mixed Paper	44	Plastic	Remainder/ Composite Plastic	PL39	0.102%	0.204%
ONP and Mixed Paper	44	Metal	Remainder/ Composite Metal	M14	0.082%	0.172%
ONP and Mixed Paper	44	Plastic	Other (7) Single-Use Rigid	PL30	0.071%	0.225%
ONP and Mixed Paper	44	Plastic	Other HDPE Clear Single-Use Rigid	PL13	0.064%	0.147%
ONP and Mixed Paper	44	Metal	Other Ferrous Metal	M12	0.064%	0.127%
ONP and Mixed Paper	44	Plastic	PET Clear Bottles - non-CRV	PL01	0.064%	0.137%
ONP and Mixed Paper	44	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%

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)
ONP and Mixed Paper	44	Plastic	HDPE Clear Beverage Bottles - non-CRV	PL09	0.059%	0.122%
ONP and Mixed Paper	44	Other	Mailing Pouches and Shipping Envelopes	X04	0.052%	0.075%
ONP and Mixed Paper	44	Metal	Other Nonferrous Metal	M13	0.038%	0.102%
ONP and Mixed Paper	44	Metal	Aluminum Foil (<3 mm), Sheets	M05	0.037%	0.045%
ONP and Mixed Paper	44	Plastic	PS Densified: Single-Use Food Service Ware	PL26	0.035%	0.059%
ONP and Mixed Paper	44	Plastic	Films - Plastic Non-Bags - Agricultural and Commercial	PL34	0.034%	0.045%
ONP and Mixed Paper	44	Other	Other Multi-Material Laminate Single-Use	X05	0.025%	0.080%
ONP and Mixed Paper	44	Plastic	PET Pigmented Bottles - non-CRV	PL03	0.022%	0.050%
ONP and Mixed Paper	44	Metal	Aluminum Cans and Lids - non-CRV	M01	0.020%	0.025%
ONP and Mixed Paper	44	Metal	Aluminum Foil (>3 mm), Molded Containers	M06	0.018%	0.034%
ONP and Mixed Paper	44	Other	Household Hazardous Waste	H01	0.018%	0.060%
ONP and Mixed Paper	44	Plastic	Other PET Pigmented Single-Use Rigids	PL07	0.018%	0.041%
ONP and Mixed Paper	44	Plastic	PET Pigmented Beverage Bottles - CRV	PL04	0.017%	0.041%
ONP and Mixed Paper	44	Plastic	HDPE Clear Beverage Bottles - CRV	PL10	0.017%	0.086%

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)
ONP and Mixed Paper	44	Plastic	PS Thermoformed Clamshells and Containers	PL25	0.012%	0.026%
ONP and Mixed Paper	44	Metal	Tin/Steel or Aluminum Aerosol Containers	M10	0.012%	0.051%
ONP and Mixed Paper	44	Glass	Glass Containers - Green/ Emerald - non-CRV	G03	0.008%	0.022%
ONP and Mixed Paper	44	Plastic	HDPE Buckets: non-Food	PL12	0.008%	0.041%
ONP and Mixed Paper	44	Plastic	Films - Plastic Bags - Compostable	PL32	0.007%	0.018%
ONP and Mixed Paper	44	Metal	Aluminum Bottles for Beverages - CRV	M04	0.005%	0.014%
ONP and Mixed Paper	44	Plastic	LDPE Pigmented Single-Use Rigids	PL20	0.004%	0.014%
ONP and Mixed Paper	44	Glass	Glass Containers - Brown/ Amber - non-CRV	G05	0.003%	0.014%
ONP and Mixed Paper	44	Fiber	Gable-top Cartons/ Aseptics - CRV	X01	0.003%	0.014%
ONP and Mixed Paper	44	Plastic	LDPE Clear Single-Use Rigids	PL19	0.003%	0.010%
ONP and Mixed Paper	44	Plastic	PVC Single-Use Rigids	PL16	0.003%	0.010%
ONP and Mixed Paper	44	Plastic	PVC Multi-Use	PL17	0.002%	0.017%
ONP and Mixed Paper	44	Glass	Glass Containers - Clear/ Flint - non-CRV	G01	0.002%	0.013%
ONP and Mixed Paper	44	Plastic	PS Densified: Multi-Use	PL29	0.002%	0.009%

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)
ONP and Mixed Paper	44	Plastic	Plastic Wine Bladders	PL31	0.002%	0.013%
ONP and Mixed Paper	44	Plastic	Other HDPE Multi-Use Rigids	PL15	0.001%	0.013%
ONP and Mixed Paper	44	Plastic	LDPE Multi-Use	PL21	0.001%	0.007%
ONP and Mixed Paper	44	Other	Plant Material Food Service Ware	X08	0.001%	0.003%

Table H2. 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
Glass - Brown/Amber	1	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.660%	NA
Glass - Brown/Amber	1	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
Glass - Clear/Flint	1	Plastic	HDPE Clear Beverage Bottles - CRV	PL10	0.881%	NA
Glass - Clear/Flint	1	Other	Green Material, Clean Wood, and Food Scraps	X10	0.664%	NA
Glass - Clear/Flint	1	Other	Mixed Material Single-Use	X11	0.664%	NA
Glass - Clear/Flint	1	Metal	Tin/Steel Beverage Containers - CRV	M08	0.444%	NA

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 - Clear/Flint	1	Other	Fines and Residuals	X13	0.441%	NA
Glass - Green/Emerald	1	Metal	Tin/Steel Cans, Lids - non-CRV	M07	0.793%	NA
Glass - Green/Emerald	1	Other	Fines and Residuals	X13	0.376%	NA
Glass - Green/Emerald	1	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%
Mixed Glass	39	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%
Mixed Glass	39	Plastic	Remainder/ Composite Plastic	PL39	0.644%	1.350%
Mixed Glass	39	Plastic	Mixed Plastic Multi-Use	PL38	0.640%	0.698%
Mixed Glass	39	Fiber	Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)	F01	0.554%	0.707%
Mixed Glass	39	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%
Mixed Glass	39	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.187%	0.394%
Mixed Glass	39	Plastic	PS Expanded - Packaging	PL27	0.166%	0.402%
Mixed Glass	39	Metal	Other Ferrous Metal	M12	0.157%	0.385%
Mixed Glass	39	Other	Treated Wood	X09	0.154%	0.322%
Mixed Glass	39	Fiber	Paper Bags and Kraft Paper	F05	0.152%	0.445%
Mixed Glass	39	Other	Textiles and Clothing	T01	0.152%	0.327%

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 Glass	39	Fiber	White Office-Type Paper and Mail	F02	0.151%	0.299%
Mixed Glass	39	Metal	Aluminum Beverage Cans - CRV	M02	0.149%	0.285%
Mixed Glass	39	Glass	Glass Beverage Containers - Brown/Amber - CRV	G06	0.138%	0.549%
Mixed Glass	39	Other	Household Hazardous Waste	H01	0.129%	0.293%
Mixed Glass	39	Fiber	Uncoated Fiber-Based Food Service Ware	F09	0.113%	0.280%
Mixed Glass	39	Plastic	PP Clear Single-Use Rigids	PL22	0.096%	0.289%
Mixed Glass	39	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.094%	0.232%
Mixed Glass	39	Plastic	PP Pigmented Single-Use Rigids	PL23	0.093%	0.315%
Mixed Glass	39	Fiber	Newspapers/ Newspaper Inserts	F03	0.093%	0.255%
Mixed Glass	39	Glass	Glass Beverage Containers - Green/Emerald - CRV	G04	0.084%	0.488%
Mixed Glass	39	Metal	Aluminum Cans and Lids - non-CRV	M01	0.083%	0.119%
Mixed Glass	39	Fiber	Clean Molded Paper Fiber	F08	0.075%	0.176%
Mixed Glass	39	Metal	Other Nonferrous Metal	M13	0.074%	0.133%
Mixed Glass	39	Metal	Remainder/ Composite Metal	M14	0.071%	0.222%
Mixed Glass	39	Plastic	Other HDPE Multi-Use Rigids	PL15	0.066%	0.275%
Mixed Glass	39	Plastic	PS Expanded - Food Service Ware	PL28	0.061%	0.110%
Mixed Glass	39	Metal	Aluminum Foil (<3 mm), Sheets	M05	0.046%	0.097%
Mixed Glass	39	Plastic	HDPE Pigmented Single-Use Rigids	PL14	0.045%	0.169%
Mixed Glass	39	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.041%	0.095%
Mixed Glass	39	Fiber	Uncoated Soiled Fiber Products	F11	0.040%	0.105%
Mixed Glass	39	Plastic	Other HDPE Clear Single-Use Rigids	PL13	0.038%	0.163%
Mixed Glass	39	Plastic	Other (7) Single-Use Rigids	PL30	0.036%	0.104%

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 Glass	39	Plastic	PET Pigmented Beverage Bottles - CRV	PL04	0.034%	0.136%
Mixed Glass	39	Plastic	Other PET Clear Single-Use Rigid	PL06	0.027%	0.107%
Mixed Glass	39	Plastic	PVC Multi-Use	PL17	0.021%	0.079%
Mixed Glass	39	Plastic	PS Densified: Single-Use Food Service Ware	PL26	0.019%	0.045%
Mixed Glass	39	Fiber	Magazines and Catalogs	F04	0.018%	0.072%
Mixed Glass	39	Plastic	PP Multi-Use	PL24	0.013%	0.059%
Mixed Glass	39	Fiber	Gable-top Cartons - Non-CRV	X02	0.013%	0.054%
Mixed Glass	39	Fiber	Aseptic Containers - Non-CRV	X03	0.012%	0.059%
Mixed Glass	39	Plastic	PS Thermoformed Clamshells and Containers	PL25	0.012%	0.034%
Mixed Glass	39	Other	Mailing Pouches and Shipping Envelopes	X04	0.010%	0.055%
Mixed Glass	39	Plastic	PET Clear Bottles - non-CRV	PL01	0.008%	0.051%
Mixed Glass	39	Plastic	LDPE Pigmented Single-Use Rigid	PL20	0.007%	0.027%
Mixed Glass	39	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%
Mixed Glass	39	Other	Plant Material Food Service Ware	X08	0.006%	0.028%
Mixed Glass	39	Metal	Tin/Steel Cans, Lids - non-CRV	M07	0.005%	0.029%

Table H3. 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%
Aluminum - UBC	25	Metal	Tin/Steel Cans, Lids - non-CRV	M07	0.396%	0.637%
Aluminum - UBC	25	Fiber	White Office-Type Paper and Mail	F02	0.296%	0.539%
Aluminum - UBC	25	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.250%	0.423%
Aluminum - UBC	25	Metal	Other Ferrous Metal	M12	0.200%	0.668%
Aluminum - UBC	25	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.199%	0.389%
Aluminum - UBC	25	Metal	Aluminum Foil (<3 mm), Sheets	M05	0.198%	0.386%
Aluminum - UBC	25	Plastic	HDPE Clear Beverage Bottles - CRV	PL10	0.117%	0.316%
Aluminum - UBC	25	Plastic	PP Clear Single-Use Rigid	PL22	0.117%	0.316%
Aluminum - UBC	25	Other	Green Material, Clean Wood, and Food Scraps	X10	0.115%	0.310%
Aluminum - UBC	25	Plastic	PP Multi-Use	PL24	0.115%	0.310%
Aluminum - UBC	25	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%
Aluminum - UBC	25	Fiber	Uncoated Fiber-Based Food Service Ware	F09	0.080%	0.262%
Aluminum - UBC	25	Plastic	PS Expanded - Packaging	PL27	0.080%	0.262%
Aluminum - UBC	25	Plastic	PET Clear Bottles - non-CRV	PL01	0.080%	0.262%
Aluminum - UBC	25	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.050%	0.213%
Aluminum - Other	11	Metal	Remainder/ Composite Metal	M14	0.767%	1.373%
Aluminum - Other	11	Other	Household Hazardous Waste	H01	0.714%	1.192%

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 - Other	11	Other	Green Material, Clean Wood, and Food Scraps	X10	0.391%	0.728%
Aluminum - Other	11	Plastic	PP Clear Single-Use Rigid	PL22	0.218%	0.486%
Aluminum - Other	11	Plastic	PP Pigmented Single-Use Rigid	PL23	0.150%	0.211%
Aluminum - Other	11	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.137%	0.174%
Aluminum - Other	11	Plastic	HDPE Pigmented Single-Use Rigid	PL14	0.126%	0.306%
Aluminum - Other	11	Plastic	Other (7) Single-Use Rigid	PL30	0.109%	0.266%
Aluminum - Other	11	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%
Aluminum - Other	11	Fiber	Other Mixed Paper	F07	0.067%	0.081%
Aluminum - Other	11	Plastic	Other PET Clear Single-Use Rigid	PL06	0.062%	0.100%
Aluminum - Other	11	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%
Aluminum - Other	11	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.018%	0.044%
Aluminum - Other	11	Plastic	PS Densified: Single-Use Food Service Ware	PL26	0.011%	0.041%
Aluminum - Other	11	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%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Other	Mixed Material Single-Use	X11	0.591%	1.092%

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)
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Metal	Tin/Steel Beverage Containers - CRV	M08	0.577%	0.948%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Other	Household Hazardous Waste	H01	0.488%	2.627%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Other	Fines and Residuals	X13	0.292%	0.634%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Fiber	Remainder/ Composite Fiber	F12	0.244%	0.561%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Metal	Aluminum Beverage Cans - CRV	M02	0.229%	1.040%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Metal	Aluminum Foil (>3 mm), Molded Containers	M06	0.228%	0.764%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	Remainder/ Composite Plastic	PL39	0.174%	0.530%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Fiber	Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)	F01	0.162%	0.558%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.124%	0.233%

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	Folded Paper Containers and Other Paperboard Packaging	F06	0.117%	0.333%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	HDPE Pigmented Single-Use Rigid	PL14	0.106%	0.451%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	Mixed Plastic Multi-Use	PL38	0.078%	0.305%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.077%	0.116%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Fiber	Other Mixed Paper	F07	0.073%	0.109%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.066%	0.194%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	Other PET Clear Single-Use Rigid	PL06	0.050%	0.137%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Fiber	Composite Food Service Paper and Packaging	F10	0.047%	0.146%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	PET Clear Bottles - non-CRV	PL01	0.043%	0.165%

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	Uncoated Soiled Fiber Products	F11	0.038%	0.075%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	HDPE Clear Beverage Bottles - non-CRV	PL09	0.038%	0.124%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Metal	Aluminum Bottles for Beverages - CRV	M04	0.035%	0.219%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.031%	0.066%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	PS Expanded - Packaging	PL27	0.030%	0.068%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Fiber	White Office-Type Paper and Mail	F02	0.029%	0.068%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	PET Pigmented Bottles - non-CRV	PL03	0.028%	0.088%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Metal	Aluminum Bottles - non-CRV	M03	0.021%	0.105%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	PS Expanded - Food Service Ware	PL28	0.021%	0.105%

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	PP Pigmented Single-Use Rigids	PL23	0.013%	0.044%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Fiber	Magazines and Catalogs	F04	0.011%	0.044%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Fiber	Paper Bags and Kraft Paper	F05	0.011%	0.044%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	Other HDPE Clear Single-Use Rigids	PL13	0.011%	0.058%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Plastic	PET Thermoformed Clamshells and Containers	PL05	0.008%	0.037%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Fiber	Gable-top Cartons - Non-CRV	X02	0.008%	0.036%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	Other	Textiles and Clothing	T01	0.007%	0.036%
Mixed Metal - Ferrous - Steel/ Tin Cans	30	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%
Mixed Metal - Large	19	Metal	Metal Hazardous Waste: Used Oil Filters, Gas Cylinders	M11	0.781%	1.814%

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 - Large	19	Plastic	Remainder/ Composite Plastic	PL39	0.219%	0.525%
Mixed Metal - Large	19	Plastic	Films - Plastic Non-Bags - Agricultural and Commercial	PL34	0.082%	0.254%
Mixed Metal - Large	19	Fiber	White Office-Type Paper and Mail	F02	0.071%	0.202%
Mixed Metal - Large	19	Fiber	Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)	F01	0.053%	0.152%
Mixed Metal - Large	19	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%
Mixed Metal - Large	19	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.016%	0.051%
Mixed Metal - Large	19	Metal	Aluminum Cans and Lids - non-CRV	M01	0.016%	0.051%
Mixed Metal - Large	19	Other	Fines and Residuals	X13	0.015%	0.052%
Mixed Metal - Large	19	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%
Mixed Metal - Non-Ferrous	27	Metal	Aluminum Bottles - non-CRV	M03	0.490%	1.293%
Mixed Metal - Non-Ferrous	27	Plastic	Mixed Plastic Multi-Use	PL38	0.441%	1.633%
Mixed Metal - Non-Ferrous	27	Fiber	Composite Food Service Paper and Packaging	F10	0.389%	1.098%

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 - Non-Ferrous	27	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.287%	0.307%
Mixed Metal - Non-Ferrous	27	Other	Household Hazardous Waste	H01	0.287%	1.187%
Mixed Metal - Non-Ferrous	27	Fiber	Folded Paper Containers and Other Paperboard Packaging	F06	0.207%	0.483%
Mixed Metal - Non-Ferrous	27	Fiber	Other Mixed Paper	F07	0.175%	0.193%
Mixed Metal - Non-Ferrous	27	Fiber	Aseptic Containers - non-CRV	X03	0.159%	0.305%
Mixed Metal - Non-Ferrous	27	Other	Fines and Residuals	X13	0.144%	0.265%
Mixed Metal - Non-Ferrous	27	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.123%	0.134%
Mixed Metal - Non-Ferrous	27	Plastic	HDPE Pigmented Single-Use Rigid	PL14	0.114%	0.199%
Mixed Metal - Non-Ferrous	27	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.109%	0.171%
Mixed Metal - Non-Ferrous	27	Fiber	Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)	F01	0.102%	0.217%
Mixed Metal - Non-Ferrous	27	Fiber	White Office-Type Paper and Mail	F02	0.102%	0.110%
Mixed Metal - Non-Ferrous	27	Plastic	PP Pigmented Single-Use Rigid	PL23	0.101%	0.127%
Mixed Metal - Non-Ferrous	27	Fiber	Uncoated Soiled Fiber Products	F11	0.101%	0.120%
Mixed Metal - Non-Ferrous	27	Fiber	Remainder/ Composite Fiber	F12	0.089%	0.166%

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 - Non-Ferrous	27	Plastic	PS Expanded - Packaging	PL27	0.085%	0.090%
Mixed Metal - Non-Ferrous	27	Metal	Metal Hazardous Waste: Used Oil Filters, Gas Cylinders	M11	0.067%	0.536%
Mixed Metal - Non-Ferrous	27	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%
Mixed Metal - Non-Ferrous	27	Other	Mixed Material Single-Use	X11	0.049%	0.166%
Mixed Metal - Non-Ferrous	27	Plastic	Other PET Clear Single-Use Rigids	PL06	0.049%	0.099%
Mixed Metal - Non-Ferrous	27	Plastic	PET Pigmented Bottles - non-CRV	PL03	0.048%	0.233%
Mixed Metal - Non-Ferrous	27	Fiber	Paper Bags and Kraft Paper	F05	0.045%	0.170%
Mixed Metal - Non-Ferrous	27	Fiber	Uncoated Fiber-Based Food Service Ware	F09	0.045%	0.091%
Mixed Metal - Non-Ferrous	27	Plastic	Other (7) Single-Use Rigids	PL30	0.044%	0.078%
Mixed Metal - Non-Ferrous	27	Plastic	PP Clear Single-Use Rigids	PL22	0.040%	0.102%
Mixed Metal - Non-Ferrous	27	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.036%	0.099%
Mixed Metal - Non-Ferrous	27	Other	Green Material, Clean Wood, and Food Scraps	X10	0.035%	0.095%
Mixed Metal - Non-Ferrous	27	Plastic	Films - Plastic Bags - Designed for Reuse	PL33	0.023%	0.077%

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 - Non-Ferrous	27	Plastic	PET Clear Bottles - non-CRV	PL01	0.022%	0.106%
Mixed Metal - Non-Ferrous	27	Fiber	Newspapers/ Newspaper Inserts	F03	0.022%	0.046%
Mixed Metal - Non-Ferrous	27	Fiber	Magazines and Catalogs	F04	0.020%	0.082%
Mixed Metal - Non-Ferrous	27	Glass	Remainder/ Composite Glass	G09	0.015%	0.068%
Mixed Metal - Non-Ferrous	27	Other	Other Multi-Material Laminate Single-Use	X05	0.014%	0.077%
Mixed Metal - Non-Ferrous	27	Other	Treated Wood	X09	0.014%	0.102%
Mixed Metal - Non-Ferrous	27	Plastic	PS Thermoformed Clamshells and Containers	PL25	0.010%	0.041%
Mixed Metal - Non-Ferrous	27	Glass	Glass Containers - Green/ Emerald - non-CRV	G03	0.010%	0.043%
Mixed Metal - Non-Ferrous	27	Plastic	Other PET Pigmented Single-Use Rigid	PL07	0.008%	0.036%
Mixed Metal - Non-Ferrous	27	Plastic	PS Densified: Single-Use Food Service Ware	PL26	0.006%	0.033%
Mixed Metal - Non-Ferrous	27	Plastic	PET Multi-Use Rigid	PL08	0.005%	0.031%
Mixed Metal - Non-Ferrous	27	Plastic	PP Multi-Use	PL24	0.005%	0.018%
Mixed Metal - Non-Ferrous	27	Other	Textiles and Clothing	T01	0.003%	0.015%
Mixed Metal - Small	6	Plastic	Mixed Plastic Multi-Use	PL38	0.390%	0.301%

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 - 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%
Mixed Metal - Small	6	Fiber	Other Mixed Paper	F07	0.262%	0.333%
Mixed Metal - Small	6	Other	Mixed Material Single-Use	X11	0.244%	0.310%
Mixed Metal - Small	6	Fiber	Folded Paper Containers and Other Paperboard Packaging	F06	0.215%	0.220%
Mixed Metal - Small	6	Fiber	Composite Food Service Paper and Packaging	F10	0.169%	0.156%
Mixed Metal - Small	6	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.169%	0.156%
Mixed Metal - Small	6	Fiber	Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)	F01	0.145%	0.074%
Mixed Metal - Small	6	Fiber	White Office-Type Paper and Mail	F02	0.110%	0.089%
Mixed Metal - Small	6	Fiber	Newspapers/ Newspaper Inserts	F03	0.058%	0.087%
Mixed Metal - Small	6	Fiber	Uncoated Fiber-Based Food Service Ware	F09	0.058%	0.087%
Mixed Metal - Small	6	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.058%	0.087%
Mixed Metal - Small	6	Plastic	Remainder/ Composite Plastic	PL39	0.058%	0.087%
Mixed Metal - Small	6	Fiber	Remainder/ Composite Fiber	F12	0.052%	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)
Mixed Metal - Small Ferrous	11	Metal	Tin/Steel Beverage Containers - CRV	M08	0.923%	7.423%
Mixed Metal - Small Ferrous	11	Metal	Remainder/ Composite Metal	M14	0.868%	2.178%
Mixed Metal - Small Ferrous	11	Fiber	Other Mixed Paper	F07	0.565%	0.883%
Mixed Metal - Small Ferrous	11	Metal	Other Nonferrous Metal	M13	0.443%	1.176%
Mixed Metal - Small Ferrous	11	Other	Fines and Residuals	X13	0.390%	0.821%
Mixed Metal - Small Ferrous	11	Other	Green Material, Clean Wood, and Food Scraps	X10	0.384%	0.390%
Mixed Metal - Small Ferrous	11	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.255%	0.127%
Mixed Metal - Small Ferrous	11	Fiber	Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)	F01	0.219%	0.407%
Mixed Metal - Small Ferrous	11	Fiber	Folded Paper Containers and Other Paperboard Packaging	F06	0.187%	0.200%
Mixed Metal - Small Ferrous	11	Plastic	PP Multi-Use	PL24	0.182%	0.756%
Mixed Metal - Small Ferrous	11	Metal	Aluminum Beverage Cans - CRV	M02	0.182%	0.171%
Mixed Metal - Small Ferrous	11	Plastic	Other PET Clear Single-Use Rigids	PL06	0.178%	0.374%
Mixed Metal - Small Ferrous	11	Plastic	PP Clear Single-Use Rigids	PL22	0.135%	0.133%
Mixed Metal - Small Ferrous	11	Fiber	Uncoated Fiber-Based Food Service Ware	F09	0.133%	0.170%

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 - Small Ferrous	11	Plastic	HDPE Pigmented Single-Use Rigids	PL14	0.125%	0.185%
Mixed Metal - Small Ferrous	11	Plastic	PET Clear Bottles - non-CRV	PL01	0.121%	0.210%
Mixed Metal - Small Ferrous	11	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.103%	0.114%
Mixed Metal - Small Ferrous	11	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.100%	0.130%
Mixed Metal - Small Ferrous	11	Fiber	Remainder/ Composite Fiber	F12	0.091%	0.138%
Mixed Metal - Small Ferrous	11	Metal	Metal Hazardous Waste: Used Oil Filters, Gas Cylinders	M11	0.090%	0.174%
Mixed Metal - Small Ferrous	11	Fiber	White Office-Type Paper and Mail	F02	0.084%	0.116%
Mixed Metal - Small Ferrous	11	Plastic	PS Expanded - Packaging	PL27	0.084%	0.096%
Mixed Metal - Small Ferrous	11	Plastic	PP Pigmented Single-Use Rigids	PL23	0.078%	0.085%
Mixed Metal - Small Ferrous	11	Metal	Aluminum Cans and Lids - non-CRV	M01	0.077%	0.257%
Mixed Metal - Small Ferrous	11	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.073%	0.120%
Mixed Metal - Small Ferrous	11	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%
Mixed Metal - Small Ferrous	11	Other	Textiles and Clothing	T01	0.059%	0.118%

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 - Small Ferrous	11	Plastic	Films - Plastic Bags - Designed for Reuse	PL33	0.054%	0.116%
Mixed Metal - Small Ferrous	11	Plastic	Other (7) Single-Use Rigids	PL30	0.047%	0.116%
Mixed Metal - Small Ferrous	11	Plastic	Mixed Plastic Multi-Use	PL38	0.043%	0.110%
Mixed Metal - Small Ferrous	11	Fiber	Newspapers/ Newspaper Inserts	F03	0.038%	0.070%
Mixed Metal - Small Ferrous	11	Fiber	Clean Molded Paper Fiber	F08	0.036%	0.111%
Mixed Metal - Small Ferrous	11	Fiber	Paper Bags and Kraft Paper	F05	0.032%	0.059%
Mixed Metal - Small Ferrous	11	Metal	Aluminum Foil (<3 mm), Sheets	M05	0.031%	0.058%
Mixed Metal - Small Ferrous	11	Plastic	LDPE Clear Single-Use Rigids	PL19	0.024%	0.058%
Mixed Metal - Small Ferrous	11	Plastic	PS Thermoformed Clamshells and Containers	PL25	0.023%	0.051%
Mixed Metal - Small Ferrous	11	Plastic	Remainder/ Composite Plastic	PL39	0.018%	0.055%
Mixed Metal - Small Ferrous	11	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%
Mixed Metal - Small Ferrous	11	Glass	Remainder/ Composite Glass	G09	0.013%	0.027%
Mixed Metal - Small Ferrous	11	Fiber	Composite Food Service Paper and Packaging	F10	0.007%	0.020%

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 - Small Ferrous	11	Plastic	PS Expanded - Food Service Ware	PL28	0.007%	0.022%

Table H4. 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%
HDPE Mixed Bottle and Container	2	Plastic	Other PET Clear Single-Use Rigids	PL06	0.499%	0.415%
HDPE Mixed Bottle and Container	2	Fiber	Other Mixed Paper	F07	0.499%	0.415%
HDPE Mixed Bottle and Container	2	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%
HDPE Mixed Bottle and Container	2	Metal	Aluminum Beverage Cans - CRV	M02	0.360%	0.070%

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	Films - Plastic Bags - Designed for Disposal	PL36	0.358%	0.273%
HDPE Mixed Bottle and Container	2	Metal	Tin/Steel or Aluminum Aerosol Containers	M10	0.330%	0.411%
HDPE Mixed Bottle and Container	2	Plastic	PET Clear Bottles - non-CRV	PL01	0.250%	0.207%
HDPE Mixed Bottle and Container	2	Metal	Tin/Steel Cans, Lids - non-CRV	M07	0.250%	0.207%
HDPE Mixed Bottle and Container	2	Fiber	Aseptic Containers - non-CRV	X03	0.166%	0.138%
HDPE Mixed Bottle and Container	2	Plastic	PP Multi-Use	PL24	0.166%	0.138%
HDPE Mixed Bottle and Container	2	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%
HDPE Mixed Bottle and Container	2	Plastic	LDPE Clear Single-Use Rigid	PL19	0.083%	0.069%

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	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%
HDPE Natural Bottle and Container	30	Plastic	PET Clear Bottles - non-CRV	PL01	0.350%	0.796%
HDPE Natural Bottle and Container	30	Plastic	Mixed Plastic Multi-Use	PL38	0.347%	0.680%
HDPE Natural Bottle and Container	30	Plastic	Remainder/ Composite Plastic	PL39	0.345%	0.966%
HDPE Natural Bottle and Container	30	Plastic	PP Pigmented Single-Use Rigid	PL23	0.331%	0.862%
HDPE Natural Bottle and Container	30	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%
HDPE Natural Bottle and Container	30	Plastic	Other (7) Single-Use Rigid	PL30	0.232%	0.462%

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 Natural Bottle and Container	30	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.202%	0.395%
HDPE Natural Bottle and Container	30	Fiber	Composite Food Service Paper and Packaging	F10	0.197%	0.319%
HDPE Natural Bottle and Container	30	Fiber	Gable-top Cartons - Non-CRV	X02	0.196%	0.417%
HDPE Natural Bottle and Container	30	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.192%	0.295%
HDPE Natural Bottle and Container	30	Fiber	Other Mixed Paper	F07	0.182%	0.243%
HDPE Natural Bottle and Container	30	Plastic	PP Clear Single-Use Rigid	PL22	0.175%	0.303%
HDPE Natural Bottle and Container	30	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%
HDPE Natural Bottle and Container	30	Plastic	HDPE Buckets: Food	PL11	0.120%	0.337%

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 Natural Bottle and Container	30	Fiber	Folded Paper Containers and Other Paperboard Packaging	F06	0.116%	0.166%
HDPE Natural Bottle and Container	30	Metal	Aluminum Beverage Cans - CRV	M02	0.114%	0.175%
HDPE Natural Bottle and Container	30	Plastic	LDPE Clear Single-Use Rigid	PL19	0.101%	0.240%
HDPE Natural Bottle and Container	30	Plastic	PS Expanded - Packaging	PL27	0.100%	0.132%
HDPE Natural Bottle and Container	30	Fiber	Remainder/ Composite Fiber	F12	0.094%	0.182%
HDPE Natural Bottle and Container	30	Other	Household Hazardous Waste	H01	0.088%	0.309%
HDPE Natural Bottle and Container	30	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%
HDPE Natural Bottle and Container	30	Metal	Other Nonferrous Metal	M13	0.070%	0.254%

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 Natural Bottle and Container	30	Fiber	White Office-Type Paper and Mail	F02	0.053%	0.076%
HDPE Natural Bottle and Container	30	Plastic	Other PET Clear Single-Use Rigid	PL06	0.050%	0.109%
HDPE Natural Bottle and Container	30	Other	Fines and Residuals	X13	0.041%	0.145%
HDPE Natural Bottle and Container	30	Fiber	Uncoated Fiber-Based Food Service Ware	F09	0.038%	0.082%
HDPE Natural Bottle and Container	30	Plastic	PET Pigmented Bottles - non-CRV	PL03	0.029%	0.184%
HDPE Natural Bottle and Container	30	Plastic	LDPE Pigmented Single-Use Rigid	PL20	0.028%	0.050%
HDPE Natural Bottle and Container	30	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%
HDPE Natural Bottle and Container	30	Other	Textiles and Clothing	T01	0.012%	0.028%

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 Natural Bottle and Container	30	Metal	Aluminum Cans and Lids - non-CRV	M01	0.012%	0.036%
HDPE Natural Bottle and Container	30	Fiber	Uncoated Soiled Fiber Products	F11	0.012%	0.036%
HDPE Natural Bottle and Container	30	Other	Mailing Pouches and Shipping Envelopes	X04	0.009%	0.034%
HDPE Natural Bottle and Container	30	Plastic	Other PET Pigmented Single-Use Rigid	PL07	0.009%	0.034%
HDPE Natural Bottle and Container	30	Plastic	PS Expanded - Food Service Ware	PL28	0.009%	0.032%
HDPE Natural Bottle and Container	30	Metal	Aluminum Foil (<3 mm), Sheets	M05	0.006%	0.016%
HDPE Natural Bottle and Container	30	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%
HDPE Pigmented Bottle and Container	32	Plastic	PP Pigmented Single-Use Rigid	PL23	0.704%	1.150%

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 Pigmented Bottle and Container	32	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.699%	0.770%
HDPE Pigmented Bottle and Container	32	Plastic	Mixed Plastic Multi-Use	PL38	0.669%	1.222%
HDPE Pigmented Bottle and Container	32	Plastic	Other PET Pigmented Single-Use Rigid	PL07	0.517%	1.424%
HDPE Pigmented Bottle and Container	32	Plastic	PP Clear Single-Use Rigid	PL22	0.452%	0.644%
HDPE Pigmented Bottle and Container	32	Plastic	Other (7) Single-Use Rigid	PL30	0.369%	0.703%
HDPE Pigmented Bottle and Container	32	Plastic	Other PET Clear Single-Use Rigid	PL06	0.348%	0.723%
HDPE Pigmented Bottle and Container	32	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%
HDPE Pigmented Bottle and Container	32	Other	Household Hazardous Waste	H01	0.300%	0.573%

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 Pigmented Bottle and Container	32	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.242%	0.282%
HDPE Pigmented Bottle and Container	32	Plastic	Remainder/ Composite Plastic	PL39	0.231%	0.575%
HDPE Pigmented Bottle and Container	32	Other	Mixed Material Single-Use	X11	0.230%	1.056%
HDPE Pigmented Bottle and Container	32	Fiber	Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)	F01	0.228%	0.308%
HDPE Pigmented Bottle and Container	32	Other	Textiles and Clothing	T01	0.224%	0.660%
HDPE Pigmented Bottle and Container	32	Plastic	PET Clear Bottles - non-CRV	PL01	0.209%	0.353%
HDPE Pigmented Bottle and Container	32	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%
HDPE Pigmented Bottle and Container	32	Fiber	Folded Paper Containers and Other Paperboard Packaging	F06	0.165%	0.232%

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 Pigmented Bottle and Container	32	Plastic	LDPE Clear Single-Use Rigid	PL19	0.163%	0.267%
HDPE Pigmented Bottle and Container	32	Plastic	LDPE Pigmented Single-Use Rigid	PL20	0.152%	0.303%
HDPE Pigmented Bottle and Container	32	Fiber	Other Mixed Paper	F07	0.149%	0.458%
HDPE Pigmented Bottle and Container	32	Plastic	PET Thermoformed Clamshells and Containers	PL05	0.129%	0.218%
HDPE Pigmented Bottle and Container	32	Fiber	Gable-top Cartons - Non-CRV	X02	0.123%	0.589%
HDPE Pigmented Bottle and Container	32	Plastic	PS Expanded - Packaging	PL27	0.122%	0.134%
HDPE Pigmented Bottle and Container	32	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%
HDPE Pigmented Bottle and Container	32	Fiber	Aseptic Containers - non-CRV	X03	0.095%	0.212%

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 Pigmented Bottle and Container	32	Fiber	Composite Food Service Paper and Packaging	F10	0.081%	0.123%
HDPE Pigmented Bottle and Container	32	Other	Fines and Residuals	X13	0.079%	0.173%
HDPE Pigmented Bottle and Container	32	Metal	Tin/Steel Cans, Lids - non-CRV	M07	0.078%	0.124%
HDPE Pigmented Bottle and Container	32	Metal	Aluminum Beverage Cans - CRV	M02	0.069%	0.200%
HDPE Pigmented Bottle and Container	32	Plastic	HDPE Buckets: Food	PL11	0.064%	0.307%
HDPE Pigmented Bottle and Container	32	Plastic	HDPE Buckets: non-Food	PL12	0.056%	0.309%
HDPE Pigmented Bottle and Container	32	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%
HDPE Pigmented Bottle and Container	32	Fiber	Remainder/ Composite Fiber	F12	0.045%	0.064%

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 Pigmented Bottle and Container	32	Other	Treated Wood	X09	0.041%	0.106%
HDPE Pigmented Bottle and Container	32	Fiber	Magazines and Catalogs	F04	0.032%	0.111%
HDPE Pigmented Bottle and Container	32	Metal	Aluminum Foil (<3 mm), Sheets	M05	0.025%	0.051%
HDPE Pigmented Bottle and Container	32	Plastic	Other HDPE Multi-Use Rigid	PL15	0.023%	0.166%
HDPE Pigmented Bottle and Container	32	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%
HDPE Pigmented Bottle and Container	32	Plastic	PS Expanded - Food Service Ware	PL28	0.020%	0.039%
HDPE Pigmented Bottle and Container	32	Fiber	Paper Bags and Kraft Paper	F05	0.018%	0.038%
HDPE Pigmented Bottle and Container	32	Glass	Remainder/ Composite Glass	G09	0.017%	0.043%

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 Pigmented Bottle and Container	32	Fiber	Uncoated Soiled Fiber Products	F11	0.017%	0.045%
HDPE Pigmented Bottle and Container	32	Other	Remainder/ Composite Mixed Material Multi-Use	X12	0.017%	0.132%
HDPE Pigmented Bottle and Container	32	Plastic	PET Pigmented Beverage Bottles - CRV	PL04	0.016%	0.040%
HDPE Pigmented Bottle and Container	32	Metal	Other Ferrous Metal	M12	0.016%	0.043%
HDPE Pigmented Bottle and Container	32	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%
HDPE Pigmented Bottle and Container	32	Plastic	PS Thermoformed Clamshells and Containers	PL25	0.010%	0.036%
HDPE Pigmented Bottle and Container	32	Other	Mailing Pouches and Shipping Envelopes	X04	0.005%	0.026%
HDPE Pigmented Bottle and Container	32	Plastic	PS Densified: Single-Use Food Service Ware	PL26	0.005%	0.016%

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 Pigmented Bottle and Container	32	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%
Mixed Rigid Plastic	38	Plastic	PS Densified: Multi-Use	PL29	0.514%	5.742%
Mixed Rigid Plastic	38	Plastic	PET Multi-Use Rigids	PL08	0.493%	1.623%
Mixed Rigid Plastic	38	Plastic	PVC Multi-Use	PL17	0.470%	1.424%
Mixed Rigid Plastic	38	Fiber	Folded Paper Containers and Other Paperboard Packaging	F06	0.341%	2.347%
Mixed Rigid Plastic	38	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%
Mixed Rigid Plastic	38	Other	Bulky Items	SP02	0.205%	1.010%
Mixed Rigid Plastic	38	Other	Mixed Material Single-Use	X11	0.193%	0.630%
Mixed Rigid Plastic	38	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.172%	1.333%
Mixed Rigid Plastic	38	Metal	Remainder/ Composite Metal	M14	0.152%	0.628%
Mixed Rigid Plastic	38	Plastic	PET Clear Bottles - non-CRV	PL01	0.123%	0.473%

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	Metal	Other Ferrous Metal	M12	0.123%	0.751%
Mixed Rigid Plastic	38	Plastic	PET Pigmented Bottles - non-CRV	PL03	0.120%	0.781%
Mixed Rigid Plastic	38	Glass	Glass Beverage Containers - Green/Emerald - CRV	G04	0.115%	0.622%
Mixed Rigid Plastic	38	Plastic	Other (7) Single-Use Rigids	PL30	0.115%	0.590%
Mixed Rigid Plastic	38	Plastic	Other PET Pigmented Single-Use Rigids	PL07	0.094%	0.314%
Mixed Rigid Plastic	38	Other	Treated Wood	X09	0.087%	0.677%
Mixed Rigid Plastic	38	Fiber	Other Mixed Paper	F07	0.087%	0.444%
Mixed Rigid Plastic	38	Glass	Glass Containers - Brown/ Amber - non-CRV	G05	0.079%	0.375%
Mixed Rigid Plastic	38	Plastic	PET Thermoformed Clamshells and Containers	PL05	0.065%	0.278%
Mixed Rigid Plastic	38	Metal	Other Nonferrous Metal	M13	0.065%	0.294%
Mixed Rigid Plastic	38	Other	Fines and Residuals	X13	0.044%	0.120%
Mixed Rigid Plastic	38	Metal	Aluminum Cans and Lids - non-CRV	M01	0.041%	0.317%
Mixed Rigid Plastic	38	Fiber	Paper Bags and Kraft Paper	F05	0.040%	0.174%
Mixed Rigid Plastic	38	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.040%	0.107%

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	Metal	Tin/Steel Cans, Lids - non-CRV	M07	0.018%	0.112%
Mixed Rigid Plastic	38	Glass	Remainder/ Composite Glass	G09	0.018%	0.076%
Mixed Rigid Plastic	38	Plastic	PS Expanded - Food Service Ware	PL28	0.017%	0.089%
Mixed Rigid Plastic	38	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.016%	0.060%
Mixed Rigid Plastic	38	Fiber	Remainder/ Composite Fiber	F12	0.012%	0.038%
Mixed Rigid Plastic	38	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%
Mixed Rigid Plastic	38	Other	Textiles and Clothing	T01	0.006%	0.030%
Mixed Rigid Plastic	38	Plastic	HDPE Clear Beverage Bottles - CRV	PL10	0.006%	0.030%
Mixed Rigid Plastic	38	Plastic	PP Clear Single-Use Rigid	PL22	0.006%	0.025%
Mixed Rigid Plastic	38	Fiber	Newspapers/ Newspaper Inserts	F03	0.005%	0.024%
Mixed Rigid Plastic	38	Plastic	PS Expanded - Packaging	PL27	0.002%	0.012%
PET Bottle	12	Plastic	PET Pigmented Bottles - non-CRV	PL03	0.890%	0.839%
PET Bottle	12	Fiber	Other Mixed Paper	F07	0.824%	1.200%
PET Bottle	12	Plastic	Other PET Pigmented Single-Use Rigid	PL07	0.556%	0.711%

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	PS Thermoformed Clamshells and Containers	PL25	0.399%	0.992%
PET Bottle	12	Other	Fines and Residuals	X13	0.310%	0.340%
PET Bottle	12	Plastic	PP Pigmented Single-Use Rigids	PL23	0.257%	0.342%
PET Bottle	12	Other	Green Material, Clean Wood, and Food Scraps	X10	0.236%	0.406%
PET Bottle	12	Plastic	Other HDPE Clear Single-Use Rigids	PL13	0.228%	0.421%
PET Bottle	12	Metal	Aluminum Beverage Cans - CRV	M02	0.218%	0.439%
PET Bottle	12	Other	Textiles and Clothing	T01	0.186%	0.421%
PET Bottle	12	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.171%	0.145%
PET Bottle	12	Other	Mixed Material Single-Use	X11	0.169%	0.238%
PET Bottle	12	Plastic	HDPE Pigmented Single-Use Rigids	PL14	0.144%	0.290%
PET Bottle	12	Plastic	Mixed Plastic Multi-Use	PL38	0.143%	0.509%
PET Bottle	12	Plastic	Other (7) Single-Use Rigids	PL30	0.113%	0.254%
PET Bottle	12	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.094%	0.326%
PET Bottle	12	Fiber	Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)	F01	0.069%	0.108%
PET Bottle	12	Plastic	PP Multi-Use	PL24	0.068%	0.231%
PET Bottle	12	Metal	Tin/Steel or Aluminum Aerosol Containers	M10	0.052%	0.129%
PET Bottle	12	Plastic	PS Expanded - Packaging	PL27	0.046%	0.063%
PET Bottle	12	Plastic	PS Expanded - Food Service Ware	PL28	0.041%	0.145%
PET Bottle	12	Plastic	PS Densified: Single-Use Food Service Ware	PL26	0.035%	0.086%
PET Bottle	12	Plastic	Other HDPE Multi-Use Rigids	PL15	0.032%	0.110%

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	HDPE Clear Beverage Bottles - non-CRV	PL09	0.030%	0.085%
PET Bottle	12	Metal	Aluminum Cans and Lids - non-CRV	M01	0.017%	0.043%
PET Bottle	12	Metal	Aluminum Bottles for Beverages - CRV	M04	0.017%	0.043%
PET Bottle	12	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.017%	0.043%
PET Bottle	12	Metal	Other Ferrous Metal	M12	0.015%	0.043%
PET Bottle	12	Fiber	Folded Paper Containers and Other Paperboard Packaging	F06	0.002%	0.007%
PET Bottle and Container	41	Plastic	PP Clear Single-Use Rigid	PL22	0.690%	1.059%
PET Bottle and Container	41	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.579%	0.761%
PET Bottle and Container	41	Plastic	HDPE Pigmented Single-Use Rigid	PL14	0.578%	0.928%
PET Bottle and Container	41	Plastic	Other PET Pigmented Single-Use Rigid	PL07	0.549%	0.913%
PET Bottle and Container	41	Other	Green Material, Clean Wood, and Food Scraps	X10	0.333%	0.785%
PET Bottle and Container	41	Fiber	Folded Paper Containers and Other Paperboard Packaging	F06	0.266%	0.503%
PET Bottle and Container	41	Plastic	Other (7) Single-Use Rigid	PL30	0.255%	0.677%
PET Bottle and Container	41	Plastic	HDPE Clear Beverage Bottles - non-CRV	PL09	0.248%	1.673%
PET Bottle and Container	41	Plastic	PP Pigmented Single-Use Rigid	PL23	0.240%	0.333%
PET Bottle and Container	41	Fiber	Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)	F01	0.234%	0.826%

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	Fiber	Other Mixed Paper	F07	0.221%	0.393%
PET Bottle and Container	41	Other	Fines and Residuals	X13	0.214%	0.410%
PET Bottle and Container	41	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%
PET Bottle and Container	41	Plastic	Other HDPE Clear Single-Use Rigid	PL13	0.160%	0.394%
PET Bottle and Container	41	Fiber	Composite Food Service Paper and Packaging	F10	0.156%	0.427%
PET Bottle and Container	41	Other	Textiles and Clothing	T01	0.133%	0.334%
PET Bottle and Container	41	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.126%	0.168%
PET Bottle and Container	41	Plastic	Mixed Plastic Multi-Use	PL38	0.100%	0.182%
PET Bottle and Container	41	Plastic	PS Expanded - Packaging	PL27	0.097%	0.141%
PET Bottle and Container	41	Fiber	Remainder/ Composite Fiber	F12	0.092%	0.161%
PET Bottle and Container	41	Metal	Tin/Steel Cans, Lids - non-CRV	M07	0.090%	0.206%
PET Bottle and Container	41	Other	Remainder/ Composite Mixed Material Multi-Use	X12	0.089%	0.272%
PET Bottle and Container	41	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.073%	0.120%

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	Fiber	Uncoated Soiled Fiber Products	F11	0.072%	0.160%
PET Bottle and Container	41	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%
PET Bottle and Container	41	Fiber	White Office-Type Paper and Mail	F02	0.052%	0.092%
PET Bottle and Container	41	Plastic	PVC Single-Use Rigids	PL16	0.041%	0.195%
PET Bottle and Container	41	Fiber	Uncoated Fiber-Based Food Service Ware	F09	0.031%	0.089%
PET Bottle and Container	41	Plastic	PP Multi-Use	PL24	0.030%	0.107%
PET Bottle and Container	41	Metal	Tin/Steel or Aluminum Aerosol Containers	M10	0.030%	0.180%
PET Bottle and Container	41	Metal	Aluminum Foil (<3 mm), Sheets	M05	0.028%	0.087%
PET Bottle and Container	41	Plastic	PS Densified: Single-Use Food Service Ware	PL26	0.027%	0.082%
PET Bottle and Container	41	Metal	Aluminum Cans and Lids - non-CRV	M01	0.025%	0.100%
PET Bottle and Container	41	Fiber	Newspapers/ Newspaper Inserts	F03	0.023%	0.082%
PET Bottle and Container	41	Fiber	Gable-top Cartons - Non-CRV	X02	0.021%	0.075%
PET Bottle and Container	41	Plastic	PS Thermoformed Clamshells and Containers	PL25	0.021%	0.068%

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	PS Expanded - Food Service Ware	PL28	0.019%	0.047%
PET Bottle and Container	41	Fiber	Magazines and Catalogs	F04	0.018%	0.061%
PET Bottle and Container	41	Plastic	HDPE Clear Beverage Bottles - CRV	PL10	0.008%	0.031%
PET Bottle and Container	41	Metal	Other Nonferrous Metal	M13	0.006%	0.024%
PET Bottle and Container	41	Other	Household Hazardous Waste	H01	0.006%	0.026%
PET Bottle and Container	41	Fiber	Paper Bags and Kraft Paper	F05	0.005%	0.026%
PET Bottle and Container	41	Other	Other Multi-Material Laminate Single-Use	X05	0.005%	0.027%
PET Bottle and Container	41	Glass	Glass Containers - Brown/ Amber - non-CRV	G05	0.005%	0.024%
PET Bottle and Container	41	Plastic	LDPE Clear Single-Use Rigid	PL19	0.004%	0.020%
PET Bottle and Container	41	Plastic	Films - Plastic Bags - Designed for Reuse	PL33	0.003%	0.021%
PET Bottle and Container	41	Plastic	Films - Plastic Non-Bags - Agricultural and Commercial	PL34	0.002%	0.018%
PET Bottle and Container	41	Plastic	LDPE Pigmented Single-Use Rigid	PL20	0.002%	0.011%
PET Bottle and Container	41	Fiber	Clean Molded Paper Fiber	F08	0.002%	0.011%
PET Bottle and Container	41	Glass	Remainder/ Composite Glass	G09	0.002%	0.011%

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 Thermoform	6	Plastic	PP Clear Single-Use Rigid	PL22	0.592%	0.483%
PET Thermoform	6	Plastic	Other (7) Single-Use Rigid	PL30	0.290%	0.354%
PET Thermoform	6	Plastic	HDPE Pigmented Single-Use Rigid	PL14	0.270%	0.247%
PET Thermoform	6	Other	Remainder/ Composite Mixed Material Multi-Use	X12	0.215%	0.466%
PET Thermoform	6	Plastic	Mixed Plastic Multi-Use	PL38	0.124%	0.139%
PET Thermoform	6	Plastic	PET Clear Beverage Bottles - CRV	PL02	0.101%	0.059%
PET Thermoform	6	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.089%	0.065%
PET Thermoform	6	Fiber	Other Mixed Paper	F07	0.080%	0.067%
PET Thermoform	6	Plastic	PS Expanded - Packaging	PL27	0.077%	0.101%
PET Thermoform	6	Other	Fines and Residuals	X13	0.072%	0.155%
PET Thermoform	6	Metal	Aluminum Cans and Lids - non-CRV	M01	0.043%	0.062%
PET Thermoform	6	Plastic	PP Multi-Use	PL24	0.035%	0.061%
PET Thermoform	6	Fiber	Gable-top Cartons - Non-CRV	X02	0.035%	0.061%
PET Thermoform	6	Plastic	PS Expanded - Food Service Ware	PL28	0.035%	0.061%
PET Thermoform	6	Plastic	PP Pigmented Single-Use Rigid	PL23	0.027%	0.055%
PET Thermoform	6	Plastic	PET Pigmented Bottles - non-CRV	PL03	0.027%	0.055%
PET Thermoform	6	Plastic	LDPE Clear Single-Use Rigid	PL19	0.027%	0.055%
PET Thermoform	6	Metal	Tin/Steel or Aluminum Aerosol Containers	M10	0.024%	0.052%
PET Thermoform	6	Fiber	White Office-Type Paper and Mail	F02	0.021%	0.049%
PET Thermoform	6	Fiber	Folded Paper Containers and Other Paperboard Packaging	F06	0.019%	0.071%
PET Thermoform	6	Other	Mixed Material Single-Use	X11	0.019%	0.046%
PET Thermoform	6	Plastic	PS Thermoformed Clamshells and Containers	PL25	0.019%	0.046%

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 Thermoform	6	Plastic	HDPE Clear Beverage Bottles - non-CRV	PL09	0.019%	0.046%
PET Thermoform	6	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%
Plastic #3-#7	9	Other	Fines and Residuals	X13	0.796%	0.602%
Plastic #3-#7	9	Plastic	PET Clear Bottles - non-CRV	PL01	0.711%	1.171%
Plastic #3-#7	9	Fiber	Gable-top Cartons - Non-CRV	X02	0.665%	0.770%
Plastic #3-#7	9	Plastic	PS Densified: Single-Use Food Service Ware	PL26	0.631%	1.152%
Plastic #3-#7	9	Fiber	White Office-Type Paper and Mail	F02	0.621%	0.758%
Plastic #3-#7	9	Fiber	Composite Food Service Paper and Packaging	F10	0.608%	0.431%
Plastic #3-#7	9	Plastic	Other PET Pigmented Single-Use Rigid	PL07	0.552%	0.761%
Plastic #3-#7	9	Metal	Tin/Steel Cans, Lids - non-CRV	M07	0.438%	0.637%
Plastic #3-#7	9	Fiber	Remainder/ Composite Fiber	F12	0.432%	0.548%
Plastic #3-#7	9	Plastic	LDPE Clear Single-Use Rigid	PL19	0.428%	0.381%
Plastic #3-#7	9	Fiber	Uncoated Corrugated Cardboard/ Old Corrugated Containers (OCC)	F01	0.415%	0.274%
Plastic #3-#7	9	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.409%	0.471%
Plastic #3-#7	9	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%
Plastic #3-#7	9	Fiber	Aseptic Containers - non-CRV	X03	0.309%	0.388%
Plastic #3-#7	9	Metal	Other Ferrous Metal	M12	0.283%	0.473%

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 #3-#7	9	Metal	Aluminum Foil (>3 mm), Molded Containers	M06	0.264%	0.406%
Plastic #3-#7	9	Fiber	Uncoated Fiber-Based Food Service Ware	F09	0.234%	0.263%
Plastic #3-#7	9	Plastic	PS Expanded - Food Service Ware	PL28	0.176%	0.208%
Plastic #3-#7	9	Metal	Aluminum Cans and Lids - non-CRV	M01	0.172%	0.142%
Plastic #3-#7	9	Plastic	Remainder/ Composite Plastic	PL39	0.154%	0.246%
Plastic #3-#7	9	Other	Textiles and Clothing	T01	0.152%	0.207%
Plastic #3-#7	9	Other	Plant Material Food Service Ware	X08	0.148%	0.288%
Plastic #3-#7	9	Metal	Aluminum Bottles for Beverages - CRV	M04	0.129%	0.242%
Plastic #3-#7	9	Plastic	Other HDPE Clear Single-Use Rigid	PL13	0.128%	0.179%
Plastic #3-#7	9	Plastic	LDPE Pigmented Single-Use Rigid	PL20	0.117%	0.153%
Plastic #3-#7	9	Plastic	PS Thermoformed Clamshells and Containers	PL25	0.117%	0.132%
Plastic #3-#7	9	Plastic	LDPE Multi-Use	PL21	0.100%	0.299%
Plastic #3-#7	9	Metal	Aluminum Foil (<3 mm), Sheets	M05	0.078%	0.100%
Plastic #3-#7	9	Fiber	Paper Bags and Kraft Paper	F05	0.078%	0.095%
Plastic #3-#7	9	Fiber	Uncoated Soiled Fiber Products	F11	0.074%	0.144%
Plastic #3-#7	9	Plastic	PET Pigmented Beverage Bottles - CRV	PL04	0.071%	0.118%
Plastic #3-#7	9	Glass	Remainder/ Composite Glass	G09	0.059%	0.212%
Plastic #3-#7	9	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%
Plastic #3-#7	9	Metal	Tin/Steel Beverage Containers - CRV	M08	0.048%	0.128%
Plastic #3-#7	9	Metal	Tin/Steel or Aluminum Aerosol Containers	M10	0.039%	0.096%

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 #3-#7	9	Plastic	PVC Single-Use Rigids	PL16	0.038%	0.092%
Plastic #3-#7	9	Glass	Glass Containers - Brown/ Amber - non-CRV	G05	0.037%	0.152%
Plastic #3-#7	9	Plastic	Films - Plastic Bags - Designed for Reuse	PL33	0.020%	0.047%
Plastic #3-#7	9	Other	Household Hazardous Waste	H01	0.019%	0.046%
Plastic #3-#7	9	Metal	Remainder/ Composite Metal	M14	0.008%	0.019%
Plastic #3-#7	9	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 Film	2	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.279%	0.159%
Plastic Film	2	Other	Green Material, Clean Wood, and Food Scraps	X10	0.122%	0.002%
Plastic Film	2	Fiber	Remainder/ Composite Fiber	F12	0.122%	0.002%
Plastic Film	2	Plastic	Remainder/ Composite Plastic	PL39	0.093%	0.053%
Plastic Film	2	Plastic	Films - Plastic Bags - Designed for Reuse	PL33	0.093%	0.053%
Plastic Film	2	Other	Mixed Material Single-Use	X11	0.093%	0.053%
Plastic Film	2	Glass	Remainder/ Composite Glass	G09	0.093%	0.053%
Plastic Film	2	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%
Polypropylene #5	24	Fiber	Composite Food Service Paper and Packaging	F10	0.880%	1.449%
Polypropylene #5	24	Plastic	HDPE Buckets: non-Food	PL12	0.867%	1.348%
Polypropylene #5	24	Plastic	PET Clear Bottles - non-CRV	PL01	0.763%	0.752%

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)
Polypropylene #5	24	Plastic	Remainder/ Composite Plastic	PL39	0.747%	1.616%
Polypropylene #5	24	Fiber	Folded Paper Containers and Other Paperboard Packaging	F06	0.661%	1.134%
Polypropylene #5	24	Plastic	Films - Plastic Non-Bags - Other Film	PL35	0.579%	0.690%
Polypropylene #5	24	Plastic	Other HDPE Clear Single-Use Rigids	PL13	0.540%	0.847%
Polypropylene #5	24	Plastic	Other PET Clear Single-Use Rigids	PL06	0.535%	0.812%
Polypropylene #5	24	Fiber	Other Mixed Paper	F07	0.509%	0.742%
Polypropylene #5	24	Plastic	HDPE Buckets: Food	PL11	0.406%	1.022%
Polypropylene #5	24	Other	Fines and Residuals	X13	0.319%	0.519%
Polypropylene #5	24	Plastic	PET Pigmented Bottles - non-CRV	PL03	0.313%	0.665%
Polypropylene #5	24	Fiber	Remainder/ Composite Fiber	F12	0.299%	0.438%
Polypropylene #5	24	Other	Mixed Material Single-Use	X11	0.290%	0.491%
Polypropylene #5	24	Plastic	Films - Plastic Bags - Designed for Disposal	PL36	0.284%	0.390%
Polypropylene #5	24	Plastic	HDPE Clear Beverage Bottles - non-CRV	PL09	0.221%	0.412%
Polypropylene #5	24	Plastic	PS Expanded - Packaging	PL27	0.209%	0.206%
Polypropylene #5	24	Plastic	PVC Single-Use Rigids	PL16	0.205%	0.577%
Polypropylene #5	24	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%
Polypropylene #5	24	Metal	Tin/Steel Cans, Lids - non-CRV	M07	0.181%	0.569%
Polypropylene #5	24	Plastic	LDPE Pigmented Single-Use Rigids	PL20	0.177%	0.447%
Polypropylene #5	24	Plastic	LDPE Multi-Use	PL21	0.174%	1.010%
Polypropylene #5	24	Plastic	Other PET Pigmented Single-Use Rigids	PL07	0.163%	0.371%

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)
Polypropylene #5	24	Plastic	PS Thermoformed Clamshells and Containers	PL25	0.156%	0.380%
Polypropylene #5	24	Fiber	Gable-top Cartons - non-CRV	X02	0.150%	0.262%
Polypropylene #5	24	Other	Green Material, Clean Wood, and Food Scraps	X10	0.148%	0.181%
Polypropylene #5	24	Plastic	PS Expanded - Food Service Ware	PL28	0.140%	0.202%
Polypropylene #5	24	Fiber	Uncoated Fiber-Based Food Service Ware	F09	0.112%	0.184%
Polypropylene #5	24	Other	Treated Wood	X09	0.108%	0.229%
Polypropylene #5	24	Fiber	White Office-Type Paper and Mail	F02	0.101%	0.112%
Polypropylene #5	24	Fiber	Uncoated Soiled Fiber Products	F11	0.101%	0.145%
Polypropylene #5	24	Metal	Aluminum Foil (>3 mm), Molded Containers	M06	0.084%	0.210%
Polypropylene #5	24	Metal	Other Ferrous Metal	M12	0.079%	0.193%
Polypropylene #5	24	Plastic	PS Densified: Single-Use Food Service Ware	PL26	0.079%	0.136%
Polypropylene #5	24	Plastic	LDPE Clear Single-Use Rigid	PL19	0.073%	0.158%
Polypropylene #5	24	Fiber	Aseptic Containers - non-CRV	X03	0.071%	0.123%
Polypropylene #5	24	Other	Textiles and Clothing	T01	0.050%	0.078%
Polypropylene #5	24	Plastic	PET Pigmented Beverage Bottles - CRV	PL04	0.048%	0.165%
Polypropylene #5	24	Plastic	LDPE Clear Beverage Bottles	PL18	0.044%	0.169%
Polypropylene #5	24	Fiber	Paper Bags and Kraft Paper	F05	0.042%	0.134%
Polypropylene #5	24	Fiber	Clean Molded Paper Fiber	F08	0.038%	0.088%
Polypropylene #5	24	Metal	Aluminum Foil (<3 mm), Sheets	M05	0.037%	0.052%
Polypropylene #5	24	Metal	Aluminum Cans and Lids - non-CRV	M01	0.033%	0.072%
Polypropylene #5	24	Metal	Remainder/ Composite Metal	M14	0.027%	0.068%

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)
Polypropylene #5	24	Metal	Aluminum Bottles for Beverages - CRV	M04	0.023%	0.094%
Polypropylene #5	24	Fiber	Newspapers/ Newspaper Inserts	F03	0.023%	0.047%
Polypropylene #5	24	Plastic	Other HDPE Multi-Use Rigid	PL15	0.019%	0.067%
Polypropylene #5	24	Metal	Tin/Steel Beverage Containers - CRV	M08	0.019%	0.071%
Polypropylene #5	24	Plastic	HDPE Clear Beverage Bottles - CRV	PL10	0.018%	0.047%
Polypropylene #5	24	Metal	Metal Hazardous Waste: Used Oil Filters, Gas Cylinders	M11	0.016%	0.065%
Polypropylene #5	24	Plastic	Films - Plastic Non-Bags - Agricultural and Commercial	PL34	0.011%	0.037%
Polypropylene #5	24	Plastic	PVC Multi-Use	PL17	0.010%	0.031%
Polypropylene #5	24	Glass	Remainder/ Composite Glass	G09	0.009%	0.035%
Polypropylene #5	24	Metal	Other Nonferrous Metal	M13	0.009%	0.033%
Polypropylene #5	24	Glass	Glass Containers - Green/Emerald - non-CRV	G03	0.007%	0.028%
Polypropylene #5	24	Other	Plant Material Food Service Ware	X08	0.007%	0.028%
Polypropylene #5	24	Plastic	Films - Plastic Bags - Compostable	PL32	0.004%	0.014%

Table H5. 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%
Residuals	44	Plastic	Other PET Clear Single-Use Rigid	PL06	0.851%	1.218%
Residuals	44	Fiber	Gable-top Cartons - non-CRV	X02	0.850%	0.962%
Residuals	44	Metal	Other Ferrous Metal	M12	0.808%	1.733%

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	Plastic	Unknown Plastic Type or Mixture of Multiple Plastic Resins (Single-Use)	PL37	0.764%	1.573%
Residuals	44	Plastic	Other HDPE Multi-Use Rigid	PL15	0.752%	2.572%
Residuals	44	Plastic	Remainder/ Composite Plastic	PL39	0.734%	1.676%
Residuals	44	Plastic	Films - Plastic Bags - Designed for Reuse	PL33	0.732%	1.125%
Residuals	44	Plastic	PS Expanded - Packaging	PL27	0.641%	0.688%
Residuals	44	Metal	Remainder/ Composite Metal	M14	0.562%	1.735%
Residuals	44	Metal	Aluminum Beverage Cans - CRV	M02	0.480%	0.441%
Residuals	44	Metal	Other Nonferrous Metal	M13	0.429%	0.995%
Residuals	44	Glass	Remainder/ Composite Glass	G09	0.407%	0.713%
Residuals	44	Glass	Glass Containers - Green/ Emerald - non-CRV	G03	0.399%	0.945%
Residuals	44	Fiber	Uncoated Fiber-Based Food Service Ware	F09	0.333%	0.555%
Residuals	44	Fiber	Clean Molded Paper Fiber	F08	0.300%	0.871%
Residuals	44	Fiber	Aseptic Containers - non-CRV	X03	0.282%	0.384%
Residuals	44	Glass	Glass Containers - Clear/ Flint - non-CRV	G01	0.279%	0.738%
Residuals	44	Plastic	PET Clear Bottles - non-CRV	PL01	0.260%	0.432%
Residuals	44	Plastic	Other HDPE Clear Single-Use Rigid	PL13	0.238%	0.496%
Residuals	44	Plastic	Other PET Pigmented Single-Use Rigid	PL07	0.201%	0.304%
Residuals	44	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%
Residuals	44	Plastic	PS Expanded - Food Service Ware	PL28	0.161%	0.211%
Residuals	44	Plastic	Other (7) Single-Use Rigid	PL30	0.142%	0.366%
Residuals	44	Other	Mailing Pouches and Shipping Envelopes	X04	0.135%	0.185%
Residuals	44	Other	Other Multi-Material Laminate Single-Use	X05	0.133%	0.411%
Residuals	44	Plastic	PS Densified: Single-Use Food Service Ware	PL26	0.131%	0.309%

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	Aluminum Foil (<3 mm), Sheets	M05	0.127%	0.154%
Residuals	44	Plastic	PVC Single-Use Rigids	PL16	0.117%	0.484%
Residuals	44	Metal	Tin/Steel Paint Cans	M09	0.115%	0.856%
Residuals	44	Glass	Glass Containers - Brown/ Amber - non-CRV	G05	0.079%	0.206%
Residuals	44	Plastic	PET Pigmented Beverage Bottles - CRV	PL04	0.073%	0.161%
Residuals	44	Metal	Tin/Steel or Aluminum Aerosol Containers	M10	0.072%	0.205%
Residuals	44	Metal	Aluminum Bottles for Beverages - CRV	M04	0.067%	0.337%
Residuals	44	Plastic	HDPE Buckets: non-Food	PL12	0.066%	0.342%
Residuals	44	Plastic	PET Multi-Use Rigids	PL08	0.064%	0.367%
Residuals	44	Plastic	HDPE Clear Beverage Bottles - non-CRV	PL09	0.062%	0.162%
Residuals	44	Other	Household Hazardous Waste	H01	0.055%	0.183%
Residuals	44	Metal	Aluminum Foil (>3 mm), Molded Containers	M06	0.048%	0.111%
Residuals	44	Glass	Glass Beverage Containers - Clear/Flint - CRV	G02	0.048%	0.230%
Residuals	44	Plastic	PS Thermoformed Clamshells and Containers	PL25	0.039%	0.139%
Residuals	44	Plastic	Plastic Wine Bladders	PL31	0.036%	0.180%
Residuals	44	Glass	Glass Containers - Other Colors - non-CRV	G07	0.034%	0.144%
Residuals	44	Plastic	PS Densified: Multi-Use	PL29	0.030%	0.130%
Residuals	44	Glass	Glass Beverage Containers - Green/Emerald - CRV	G04	0.021%	0.120%
Residuals	44	Plastic	PVC Multi-Use	PL17	0.015%	0.085%
Residuals	44	Metal	Aluminum Bottles - non-CRV	M03	0.004%	0.015%
Residuals	44	Metal	Tin/Steel Beverage Containers - CRV	M08	0.004%	0.021%
Residuals	44	Plastic	Films - Plastic Bags - Compostable	PL32	0.002%	0.011%
Residuals	44	Other	Plant Material Food Service Ware	X08	0.002%	0.011%

Section 2.6: 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)); and 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 they 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 LVTP Facilities”). A full list of objects that failed to meet criteria can be found in Appendix 1, Section 2.7, Table J2. 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 2.5.

Table I1. Details on Material Types and Forms Not Classifiable as “Sorted for Recycling”

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 2.5)	Rare Item in Curbside Recycling: Not Observed in Study (See Appendix 1 Section 2.5)
Fiber	F08	Clean Molded Paper Fiber			Y	
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			

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 2.5)	Rare Item in Curbside Recycling: Not Observed in Study (See Appendix 1 Section 2.5)
Glass	G09	Remainder/ Composite Glass		Y		
Metal	M02	Aluminum Beverage Cans - CRV	Y			
Metal	M04	Aluminum Bottles for Beverages - CRV	Y			
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	

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 2.5)	Rare Item in Curbside Recycling: Not Observed in Study (See Appendix 1 Section 2.5)
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		
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	

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 2.5)	Rare Item in Curbside Recycling: Not Observed in Study (See Appendix 1 Section 2.5)
Plastic	PL20	LDPE Pigmented Single-Use Rigid			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	
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 2.7: Classification of Material Types and Forms as “Sorted for Recycling” within Large Volume Transfer/Processing Facility Material Characterization Study

Table J1 displays all material types and forms which met criteria set forth by CalRecycle, demonstrating sufficient evidence of effective sorting within the study. Table J2 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 J1). If the object failed to meet these criteria, it was not classifiable as “Sorted for Recycling” and was excluded from further sorting results (Table J2). Table J2 includes all material types and forms which failed to meet at least one of these criteria and displays a “Pass” or “Fail” for each criterion listed above. Additionally, Tables J1 and J2 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 J1. 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 Match
Aluminum - Other	Metal	Aluminum	M01	Aluminum Cans and Lids - non-CRV	5	20.31	9.83	1.87	2.67	Pass	Pass	Target
Aluminum - Other	Metal	Aluminum	M02	Aluminum Beverage Cans - CRV	5	2.38	3.88	0.52	0.36	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 Match
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
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

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 Match
Gable-top Carton and Aseptic Containers	Fiber	Multi-Material Laminate	X02	Gable-top Cartons - non-CRV	7	17.68	32.22	7.65	8.13	Pass	Pass	Target
Gable-top Carton and Aseptic Containers	Fiber	Multi-Material Laminate	X03	Aseptic Containers - non-CRV	7	18.73	34.51	5.96	6.37	Pass	Pass	Target
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
HDPE Natural Bottle & Container	Plastic	HDPE (#2)	PL14	HDPE Pigmented	12	1.51	3.04	0.34	0.25	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 Match
				Single-Use Rigid								
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
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 -	4	36.10	26.14	10.43	1.23	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 Match
				Clear/Flint - CRV								
Mixed Glass	Glass	Green	G03	Glass Containers - Green/ Emerald - non-CRV	13	32.65	18.67	7.87	7.44	Pass	Pass	Target
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 Match
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
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

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 Match
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
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

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 Match
Mixed Metal - Small	Metal	Other Nonferrous	M13	Other Nonferrous Metal	2	21.20	5.62	2.98	3.89	Pass	Pass	Target
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
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

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 Match
Mixed Rigid Plastic	Plastic	HDPE (#2)	PL13	Other HDPE Clear Single-Use Rigid	11	2.08	1.79	1.15	1.15	Pass	Pass	Target
Mixed Rigid Plastic	Plastic	HDPE (#2)	PL14	HDPE Pigmented Single-Use Rigid	11	1.15	0.60	0.34	0.25	Pass	Pass	Target
Mixed Rigid Plastic	Plastic	HDPE (#2)	PL15	Other HDPE Multi-Use Rigid	15	9.26	4.52	1.87	3.55	Pass	Pass	Target
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 Rigid	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

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 Match
Mixed Rigid Plastic	Plastic	Other/Mixed Plastics	PL38	Mixed Plastic Multi-Use	17	9.11	4.85	0.90	0.60	Pass	Pass	Target
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
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

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 Match
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
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
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	6	22.52	10.54	0.82	0.62	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 Match
				Beverage Bottles - CRV								
PET Bottle	Plastic	PET (#1)	PL05	PET Thermoformed Clamshells and Containers	2	11.49	2.55	3.08	3.75	Pass	Pass	Target
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
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	17	13.38	3.40	0.82	0.62	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 Match
				Beverage Bottles - CRV								
PET Bottle & Container	Plastic	PET (#1)	PL05	PET Thermoformed Clamshells and Containers	14	8.88	6.23	3.08	3.75	Pass	Pass	Target
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
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

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 Match
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
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
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 J2. 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 Match
Aluminum - Other	Fiber	Paper/Fiber	F09	Uncoated Fiber-Based Food Service Ware	1	0.41	NA	5.18	5.33	Fail	Fail	Off-Target
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
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

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 Match
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
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
Gable-top Carton and Aseptic Containers	Fiber	NA	F10	Composite Food Service Paper & Packaging	4	0.69	0.86	4.29	4.30	Fail	Pass	Off-Target
Gable-top Carton and	Fiber	NA	F11	Uncoated Soiled Fiber Products	1	0.44	NA	5.03	4.71	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 Match
Aseptic Containers												
Gable-top Carton and Aseptic Containers	Fiber	NA	F12	Remainder/ Composite Fiber	2	0.49	0.23	3.68	4.14	Fail	Pass	Off-Target
Gable-top Carton and Aseptic Containers	Other	NA	H01	Household Hazardous Waste	1	4.75	NA	11.77	15.94	Fail	Fail	Off-Target
Gable-top Carton and Aseptic Containers	Other	NA	X04	Mailing Pouches & Shipping Envelopes	1	1.54	NA	10.90	5.36	Fail	Fail	Off-Target
Gable-top Carton and Aseptic Containers	Other	NA	X05	Other Multi-Material Laminate Single-Use	1	13.62	NA	12.64	12.64	Pass	Fail	Off-Target
Gable-top Carton and Aseptic Containers	Other	NA	X11	Mixed Material Single-Use	1	1.27	NA	8.46	6.67	Fail	Fail	Off-Target
Gable-top Carton and	Other	NA	X13	Fines and Residuals	3	0.25	0.03	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 Match
Aseptic Containers												
Gable-top Carton and Aseptic Containers	Plastic	PVC (#3)	PL17	PVC Multi-Use	1	4.75	NA	9.69	NA	Fail	Fail	Off-Target
Gable-top Carton and Aseptic Containers	Plastic	EPS (#6)	PL27	PS Expanded - Packaging	4	0.27	0.30	7.17	5.32	Fail	Pass	Off-Target
Gable-top Carton and Aseptic Containers	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
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

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 Match
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
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
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

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 Match
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
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
HDPE Color + #3-#7	Plastic	PS (#6)	PL26	PS Densified: Single-Use	1	8.41	NA	8.88	5.40	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 Match
				Food Service Ware								
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
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 Match
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
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

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 Match
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
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
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

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 Match
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
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

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 Match
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
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 Match
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
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

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 Match
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
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
Mixed Glass	Fiber	NA	F12	Remainder/ Composite Fiber	8	3.43	4.82	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 Match
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
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,	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 Match
				and Food Scraps								
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
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

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 Match
Mixed Glass	Plastic	EPS (#6)	PL27	PS Expanded - Packaging	5	2.88	1.97	7.17	5.32	Fail	Pass	Off-Target
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
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

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 Match
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
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
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

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 Match
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
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
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

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 Match
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
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
Mixed Metal - Non-Ferrous	Metal	NA	M11	Metal Hazardous	1	5.46	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 Match
				Waste: Used Oil Filters, Gas Cylinders								
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
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
Mixed Metal - Non-Ferrous	Other	NA	X12	Remainder/ Composite	5	2.13	1.76	9.39	8.31	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 Match
				Mixed Material Multi-Use								
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
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 Match
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
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	1	0.50	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 Match
				Mixed Material Multi-Use								
Mixed Metal - Small	Other	NA	X13	Fines and Residuals	3	3.04	3.27	7.87	6.26	Fail	Pass	Off-Target
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
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

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 Match
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
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
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	2	24.23	29.01	7.03	6.73	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 Match
				Clamshells and Containers								
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
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
Mixed Rigid Plastic	Glass	Green	G04	Glass Beverage Containers -	1	5.16	NA	9.56	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 Match
				Green/Emerald - CRV								
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
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

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 Match
Mixed Rigid Plastic	Plastic	PET (#1)	PL08	PET Multi-Use Rigid	3	7.33	3.20	11.30	NA	Fail	Pass	Target
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
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

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 Match
OCC	Fiber	NA	F11	Uncoated Soiled Fiber Products	14	0.64	0.53	5.03	4.71	Fail	Pass	Target
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
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

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 Match
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
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
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

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 Match
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
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
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

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 Match
ONP and Mixed Paper	Fiber	NA	F12	Remainder/ Composite Fiber	17	3.35	2.26	3.68	4.14	Fail	Pass	Target
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
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

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 Match
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
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
ONP and Mixed Paper	Plastic	LDPE (#4)	PL20	LDPE Pigmented Single-Use Rigids	2	2.16	2.58	0.00	NA	Pass	Pass	Off-Target
ONP and Mixed Paper	Plastic	PS (#6)	PL25	PS Thermoformed	6	1.75	1.73	7.03	6.73	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 Match
				Clamshells and Containers								
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
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
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 -	10	1.41	1.74	16.74	8.76	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 Match
				Agricultural and Commercial								
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
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
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

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 Match
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
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
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

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 Match
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
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
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	1	0.63	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 Match
				Single-Use Rigid								
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
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
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

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 Match
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
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
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	1	0.52	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 Match
				Food Service Ware								
Plastic #3-#7	Fiber	NA	F10	Composite Food Service Paper & Packaging	3	2.60	1.56	4.29	4.30	Fail	Pass	Off-Target
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
Plastic #3-#7	Other	NA	X04	Mailing Pouches & Shipping Envelopes	1	4.28	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 Match
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
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
Plastic #3-#7	Plastic	PS (#6)	PL25	PS Thermoformed Clamshells and Containers	1	6.58	NA	7.03	6.73	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 Match
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
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
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

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 Match
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
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
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	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 Match
				Food Service Ware								
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
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

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 Match
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
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
Polypropylene #5	Plastic	LDPE (#4)	PL20	LDPE Pigmented Single-Use Rigids	3	11.02	8.42	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 Match
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
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
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

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 Match
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

Section 2.8: Supplementary Data on Rare, Small Items

Table K1 provides an example of sparse study data when items are relatively rare in a target outflow, particularly if the individual items are of low weight. Gable-top Cartons and Aseptic Containers in the Old Newspaper (ONP) and Mixed Paper Outflow and Residuals are highlighted as the example here, in contrast to the same items in Gable-top Carton and Aseptic Containers outflows. Weight conversions were based on average estimates of item weight if clean and empty at time of sampling: 1 oz or 0.0625 lbs. for X02: Gable-top Cartons – Non-CRV, and 10 g or 0.022 lbs. for X03: Aseptic Containers. Column one and two are the material type and form code and name, respectively. Columns three and four are the facility SWIS number and name, respectively. Columns five, six, and seven are the estimated count of the target item (number of objects) in the outflows of ONP and Mixed Paper, Gable-top Carton and Aseptic Containers, and Residuals, respectively. Cells with “NA” indicate that the target outflow was not present or not available for sampling at the site during the study. Cells with “0” indicate that the outflow was sampled but that the target item was not found within the sample.

Table K1. Estimated Item Count for Gable-top Cartons and Aseptic Containers in Selected Outflows

SB 343 MT&F Code	Material Type and Form (MT&F) Name	Facility SWIS	Facility Name	Est. Count of Item in Old Newspaper (ONP) and Mixed Paper	Est. Count of Item in Gable-top Carton and Aseptic Containers	Est. Count of Item in Residuals
X02	Gable-top Cartons - Non-CRV	01-AA-0290	Alameda County Industries	22	NA	0
X03	Aseptic Containers - Non-CRV	01-AA-0290	Alameda County Industries	34	NA	0
X02	Gable-top Cartons - Non-CRV	10-AA-0188	Fresno MRF & TS	14	NA	2
X03	Aseptic Containers - Non-CRV	10-AA-0188	Fresno MRF & TS	7	NA	0
X02	Gable-top Cartons - Non-CRV	15-AA-0311	Metropolitan Recycling LLC	0	NA	9
X03	Aseptic Containers - Non-CRV	15-AA-0311	Metropolitan Recycling LLC	7	NA	11
X02	Gable-top Cartons - Non-CRV	19-AA-1043	Athens Services- Puente Hills MRF	15	3200	0
X03	Aseptic Containers - Non-CRV	19-AA-1043	Athens Services- Puente Hills MRF	0	2491	5
X02	Gable-top Cartons - Non-CRV	19-AA-1127	Azusa Transfer Station & MRF	34	NA	24
X03	Aseptic Containers - Non-CRV	19-AA-1127	Azusa Transfer Station & MRF	0	NA	0
X02	Gable-top Cartons - Non-CRV	19-AR-1237	Bradley East Transfer Station/ Sun Valley Recycling Park	6	NA	0
X03	Aseptic Containers - Non-CRV	19-AR-1237	Bradley East Transfer Station/ Sun Valley Recycling Park	18	NA	2
X02	Gable-top Cartons - Non-CRV	19-AR-1243	Potential Industries Inc.	0	6106	33

SB 343 MT&F Code	Material Type and Form (MT&F) Name	Facility SWIS	Facility Name	Est. Count of Item in Old Newspaper (ONP) and Mixed Paper	Est. Count of Item in Gable-top Carton and Aseptic Containers	Est. Count of Item in Residuals
X03	Aseptic Containers - Non-CRV	19-AR-1243	Potential Industries Inc.	0	300	16
X02	Gable-top Cartons - Non-CRV	23-AA-0048	Ukiah Waste Solutions	11	NA	0
X03	Aseptic Containers - Non-CRV	23-AA-0048	Ukiah Waste Solutions	30	NA	5
X02	Gable-top Cartons - Non-CRV	28-AA-0030	City of Napa Materials Diversion Facility	6	390	46
X03	Aseptic Containers - Non-CRV	28-AA-0030	City of Napa Materials Diversion Facility	0	3486	41
X02	Gable-top Cartons - Non-CRV	30-AB-0099	Rainbow Disposal Co., Inc / Rainbow Transfer/Recycling, Inc.	47	NA	0
X03	Aseptic Containers - Non-CRV	30-AB-0099	Rainbow Disposal Co., Inc / Rainbow Transfer/Recycling, Inc.	50	NA	0
X02	Gable-top Cartons - Non-CRV	31-AA-0001	Western Placer Waste Management Authority	0	NA	24
X03	Aseptic Containers - Non-CRV	31-AA-0001	Western Placer Waste Management Authority	0	NA	5
X02	Gable-top Cartons - Non-CRV	31-AA-0625	Tahoe Truckee Sierra Disposal	0	NA	26
X03	Aseptic Containers - Non-CRV	31-AA-0625	Tahoe Truckee Sierra Disposal	0	NA	70
X02	Gable-top Cartons - Non-CRV	33-AA-0258	Agua Mansa MRF, LLC	10	NA	12
X03	Aseptic Containers - Non-CRV	33-AA-0258	Agua Mansa MRF, LLC	0	NA	9
X02	Gable-top Cartons - Non-CRV	34-AA-0195	Sacramento Recycling & Transfer Station	7	NA	50

SB 343 MT&F Code	Material Type and Form (MT&F) Name	Facility SWIS	Facility Name	Est. Count of Item in Old Newspaper (ONP) and Mixed Paper	Est. Count of Item in Gable-top Carton and Aseptic Containers	Est. Count of Item in Residuals
X03	Aseptic Containers - Non-CRV	34-AA-0195	Sacramento Recycling & Transfer Station	0	NA	25
X02	Gable-top Cartons - Non-CRV	36-AA-0341	West Valley MRF & Transfer Station	2	NA	0
X03	Aseptic Containers - Non-CRV	36-AA-0341	West Valley MRF & Transfer Station	9	NA	0
X02	Gable-top Cartons - Non-CRV	37-AA-0105	EDCO Recycling Lemon Grove	11	3353	NA
X03	Aseptic Containers - Non-CRV	37-AA-0105	EDCO Recycling Lemon Grove	5	1714	NA
X02	Gable-top Cartons - Non-CRV	37-AA-0906	SANCO MRF Escondido	3	3637	NA
X03	Aseptic Containers - Non-CRV	37-AA-0906	SANCO MRF Escondido	NA	1530	NA
X02	Gable-top Cartons - Non-CRV	38-AA-0012	Recycle Central @ Pier 96	4	154	14
X03	Aseptic Containers - Non-CRV	38-AA-0012	Recycle Central @ Pier 96	20	449	33
X02	Gable-top Cartons - Non-CRV	40-AA-0004	Cold Canyon Landfill	22	NA	0
X03	Aseptic Containers - Non-CRV	40-AA-0004	Cold Canyon Landfill	18	NA	0
X02	Gable-top Cartons - Non-CRV	42-AA-0015	Tajiguas Resource Recovery Project & Sanitary Landfill	26	NA	21
X03	Aseptic Containers - Non-CRV	42-AA-0015	Tajiguas Resource Recovery Project & Sanitary Landfill	12	NA	9
X02	Gable-top Cartons - Non-CRV	43-AN-0019	GreenWaste Recovery, Inc.	10	4326	33

SB 343 MT&F Code	Material Type and Form (MT&F) Name	Facility SWIS	Facility Name	Est. Count of Item in Old Newspaper (ONP) and Mixed Paper	Est. Count of Item in Gable-top Carton and Aseptic Containers	Est. Count of Item in Residuals
X03	Aseptic Containers - Non-CRV	43-AN-0019	GreenWaste Recovery, Inc.	0	5820	27
X02	Gable-top Cartons - Non-CRV	54-AA-0055	Visalia Transfer Station	0	NA	6
X03	Aseptic Containers - Non-CRV	54-AA-0055	Visalia Transfer Station	0	NA	9