Recycling and Disposal Reporting System (RDRS)

Overview of 2024 RDRS Changes

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Outline

- Background

- Purpose of Presentation

- Changes

- Q&A

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Background

- CalRecycle implemented a rulemaking in 2023 to update the RDRS regulations: Title 14, California Code of Regulations (CCR), Sections 18815.1 – 18815.13

- Updates were approved January 23, 2024

- Effective April 1, 2024

  - But note: Some changes written to take effect 2025 Q1

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Purpose

- Overview RDRS updates, including user interface (UI)
- For more detailed information on regulations, see:
  - 2023/2024 rulemaking [archive](#)
  - May 2024 [webinar](#) on the updated regulations
  - March 2025 [webinar](#) on the updated UI
  - [Regulation text](#)

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RDRS Changes

- Status Changes
- Solid Waste Information System (SWIS) Information
- Collection Method
- Mixed Plastic Waste Export
- Sharing Origins
- Constituent Material Types
- Some Omitted Topics

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Status Changes

- Entities may become inactive or exempt from RDRS reporting

- 18815.3(g) and (h) explain process to request inactivity or exemption

- Updates to regulations (effective **2024 Q2**) explain that (for all entities):

  - Requests cannot be backdated before the date of the request → submit requests when an entity's status changes!

  - Requests will not be approved if any required quarterly reports are missing

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SWIS

- SWIS Number and SWIS Activity Type required as of the end of 2025 Q1

- If your reporting entity does not have a SWIS number, then no action required

- If your reporting entity does have a SWIS number, then you must enter your SWIS Number and Activity Type by **March 31, 2025** (**end of 2025 Q1**)

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SWIS Information – UI

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Collection Method

✓Status Changes

✓SWIS

- Collection Method

- Mixed Plastic Waste Export

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Collection Method (CM) – What?

- Refers to source of material in terms of source sector, segregation extent, and stream (18815.2(a)(10.5))
  - Ex: contract-hauled commercial mixed solid waste
  - CalRecycle previously published a [list of the CM](#)
- Entities, excluding food waste self haulers, will report tons by CM for recovery-related purposes **starting 2025 Q1**
  - Recycler/composters, transfer/processors, disposal facilities → CM for *material received*
  - Contract haulers, broker/transporters → CM for material sent

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Collection Method – UI

- RDRS has a new tab, "Collection Methods"
  - Complete Methods box (how you determined collection method tons)
  - Report tons for relevant collection methods

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Collection Method – "Method(s)" box

- Choose one or more methods

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Collection Method – Enter Tons

- Collection Methods (CM) are grouped into four tables

  - Contract-hauled commercial

  - Contract-hauled residential

  - Self-hauled

  - Received from reporting entity other than contract haulers

- Enter tons for relevant methods

Table 1: Contract-Hauled Commercial Collection Methods

Collection Method	Tons	
Contract-Hauled Commercial Multi-Bin Recyclables	0.00	Edit
Contract-Hauled Commercial Source-Separated Organics	0.00	Edit

Collection Method	Tons	
Contract-Hauled Commercial Multi-Bin Recyclables	555.12	Save Cancel

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Mixed Plastic Waste Export

✓Status Changes

✓SWIS

✓Collection Method

- Mixed Plastic Waste Export

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Mixed Plastic Waste Export – What?

- Mixed plastic waste (MPW) is a mixture of plastic, except:
  - Mixtures that are solely #1 (PET), #2 (HDPE), or/and #5 (PP). PRC 41821.5
  - Mixtures of solid waste or green material sent to landfill beneficial reuse. Title 14, CCR, 18815.2(a)(38.5)
- **Starting 2025 Q1**, entities, excluding food waste self haulers, will report:
  - Tons of mixed plastic waste exported with material type, but "export" excludes Canada, Mexico, and tribal lands in the US
  - Origins for exported tons as a whole (not by destination or material)

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Mixed Plastic Waste Export – UI

- On outflows tab, RDRS has a new material stream, Mixed Plastic Waste Export

- RDRS also has a new tab, Mixed Plastic Waste Export Origins

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Mixed Plastic Waste Export – Outflows

- Mixed plastic waste export outflow requires destination country, material type, and tons

Mixed Plastic Waste Export

+ Add Mixed Plastic Waste Export Outflow | ▦ Export to Excel

Country ↑ | Tons Sen

There are no mixed plastic waste exp

Outflow

Material Sent For

Mixed Plastic Waste Export

Destination Information ❓

Country *

Cambodia

Material

Material List

Material Type * ❓

Plastic - #3-7 - Bottles and Small Rigid Plastics ▼

Tons Sent *

800.12

Created by Payne, Eric on 03/13/25 10:27 AM / **Last**
Updated by Payne, Eric on 03/13/25 10:28 AM

Save | Cancel

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Mixed Plastic Waste Export – More Outflows

- Additional outflows to the same destination can be added after saving the first material type.

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Mixed Plastic Waste Export – Origins Method(s) Box

- Select methods used to determine origins (T/Ps will do so on Outflows tab)

Method(s) used to determine jurisdiction of origin for mixed plastic waste exports

Not Answered Yet.

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✏ Edit

Method(s) used to determine jurisdiction of origin for mixed plastic waste exports

☑ Ask jurisdiction of origin at the gate at the time of delivery for each hauler/person bringing materials.

☐ Use periodic reports from the reporting entities delivering materials.

☐ If jurisdiction of origin reasonably cannot be determined by any other method (e.g., if no gate attendant is ever present), then by assigning the tons either to the jurisdiction in which the recycling or composting facility is located or to the jurisdiction within which the material is located when the receiving recycler/composter, broker or transporter received the material.

☑ Alternative Methods approved by the Department

Short description of approved method.

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Mixed Plastic Waste Export – Origins Tons

- Enter jurisdictions of origin for total mixed plastic waste export outflow

  - Click "Add Jurisdiction". Choose a value from the Jurisdiction, State, Country, or Tribal Land drop-downs. Enter tons (percent will auto-calculate). Click Save. Repeat as needed.

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Origins

✓Status Changes

✓SWIS

✓Collection Method

✓Mixed Plastic Waste Export

• **Sharing Origins**

• Constituent Material Types

• Some Omitted Topics

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Sharing Origins – Haulers

- Starting 2024 Q2, self haulers and contract haulers:
  - Provide jurisdictions of origin for *all material* sent, not just solid waste, to destination entities
  - See 18815.4(a) and 18815.4(c)

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Sharing Origins – T/Ps and Disposal

- Starting 2024 Q2, transfer/processors and disposal facilities:
  - Provide to recipients the jurisdictions of origin for recycling/composting and certain other material streams, if requested by the recipient (18815.1(h)(1) and (2), 18815.6(g)(1) and (2))
  - If origins for residuals can be tracked to origin location, "host assignment" to location of processing facility no longer required (18815.9(b)(2.4) and (3))

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Sharing Origins – Recycler/Composters and Broker/Transporters

- Starting 2024 Q2, recycler/composters and broker/transporters:
  - Provide to recipients the jurisdictions of origin for recycling/composting and certain other material streams, *if the sending entity elects to do so* (18815.7(g)(1), 18815.8(d)(1))
  - If origins for residuals can be tracked to origin location, "host assignment" to location of processing facility not required (18815.9(b)(2.4) and (3))

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Sharing Origins – Mixed Plastic Waste

- Starting 2025 Q1, all entities:
  - Provide to recipients the jurisdictions of origin for mixed plastic waste sent (18815.4(a), 18815.4(c), 18815.5(h)(3), 18815.6(g)(3), 18815.7(g)(2), and 18815.8(d)(2))

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Constituent Material Types

✓Status Changes

✓SWIS

✓Collection Method

✓Mixed Plastic Waste Export

✓Origins

• Constituent Material Types

• Some Omitted Topics

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Constituent Materials – What?

- Certain material flows in RDRS (e.g., recycling/composting outflows) require material type information

- *For only these streams*, starting **2025 Q1**, "if a reporting entity reports material that is *not homogenous or not an individual grade of material type*, then the reporting entity shall identify the *specific materials* within that mixture" – 18815.9(a)(2)(D)

- RDRS materials that will require "specific materials" (i.e., constituents) are designated as "heterogeneous." See the published list of material types for these designations

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Constituent Materials – UI

- If heterogeneous parent material is chosen, constituent materials box will appear

- Entities can certify that they do not have information on specific materials

- Reporting constituents will not require tons

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Constituent Materials – Selection

- Either certify that you don't know the constituents, OR

- Click "Add Constituent Material" to add constituent materials

- Outflows with different constituents should be reported separately (e.g., you can enter multiple outflows of "mixed recyclables" to one destination if the constituents differ)
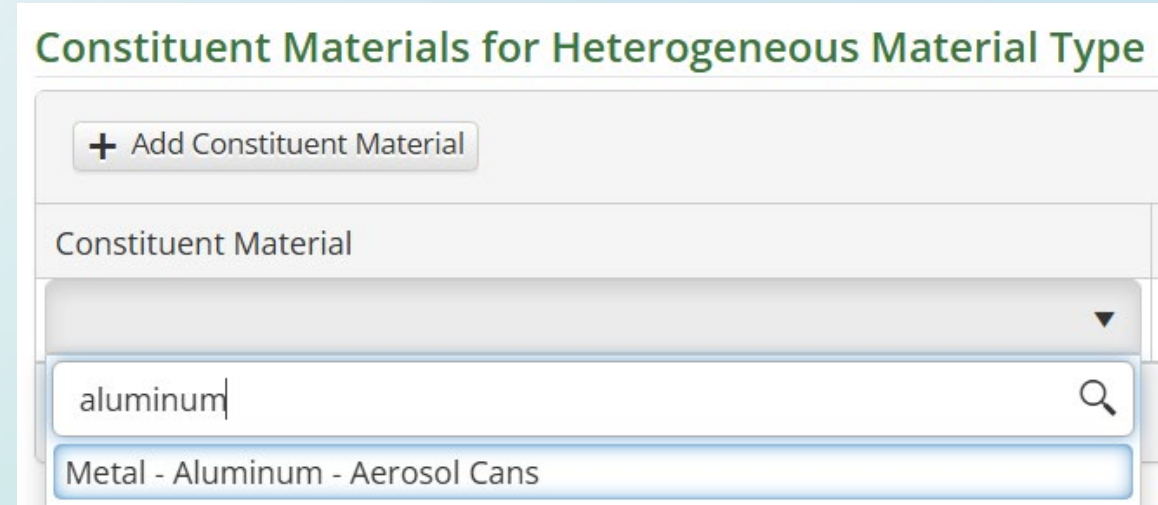
Constituent Materials for Heterogeneous Material Type

+ Add Constituent Material

Constituent Material

aluminum

Metal - Aluminum - Aerosol Cans

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Omitted Topics

✓Status Changes

✓SWIS

✓Collection Method

✓Mixed Plastic Waste Export

✓Origins

✓Constituent Material Types

• Some Omitted Topics

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Some Omitted Topics

- Did not cover all regulatory changes in this presentation
- A few examples of omitted topics
  - Alternative methods require approval
  - Brokering/transporting outflows reported by region when received out of CA
  - Determining material stream for inflows
  - Recycling can be released publicly if aggregated by jurisdiction
- See 2023/2024 rulemaking archive for all changes

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Data QA/QC

- As with existing reporting, for the new reporting discussed here:
  - CalRecycle will review submitted information to identify errors
  - Will reach out to entities for additional information to ensure accuracy

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Thank you!

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Email the RDRS Help Team:
RDRS@CalRecycle.ca.gov