

Cal Recycle



RDRS Reporting Requirements Workshop

July 8, 2019

Coastal Hearing Room, 2nd Floor, CalEPA Building

1001 I St., Sacramento, CA 95814

Facilitator: Steven Sander, Knowledge Integration Section

HOUSEKEEPING

- Fire/life/safety
- Sign-in sheet
- Recorded
- Restrooms
- Workshop guidelines
- Webcast participation best practices
- Disclaimer

WORKSHOP GUIDELINES

- Hold your questions until the Q&A portion
- Use the microphone
- Listen actively
- Treat others the way *they* want to be treated (platinum rule)

A NOTE TO WEBCAST PARTICIPANTS

- Throughout the workshop, please send succinct, straight-to-the-point questions and comments directly related to the material being discussed to the following e-mail address:
- RDRS@CalRecycle.ca.gov

DISCLAIMER

Do not construe the contents of this workshop as legal advice.

No statements made here are legally binding.

This workshop should not be relied upon as a substitute for making your own independent determination whether or not your facility or operation should be registered as a reporting entity in RDRS.

CalRecycle reserves the right to modify RDRS at any time within the scope of the regulations. This training may become deprecated, in which case, it should be replaced by supplemental training material.

LEARNING OBJECTIVES

I know what information I need to record pursuant to RDRS reporting

I know how which measurement methods are acceptable to CalRecycle for data points such as tonnage, source sector, and material type

I know what the reporting requirements are for my reporting entity(ies)

AGENDA

9:00-9:10am – Welcome

9:10-11:00am – Reporting requirements for:

- Food waste self-haulers
- Contract haulers
- Transfer/processing facilities and operations
- Disposal facilities
- Recycling and composting facilities and operations
- Brokers and transporters

11:00-11:10am – Break

11:10-12:00pm – Continue discussion of reporting requirements & wrap-up

“WHO’S IN” – HAULERS [18815.3(B)(2)]

- Contract haulers who haul ≥ 100 tons of reportable materials out-of-state
- Contract haulers who haul ≥ 50 tons of reportable materials to direct land application (end user)
- Food waste self-haulers who haul $\geq 13\text{yd}^3$ of their own food waste to a facility or operation not owned by them

All thresholds are for reportable materials and on a per-quarter basis unless otherwise noted

REPORTING REQUIREMENTS FOR HAULERS



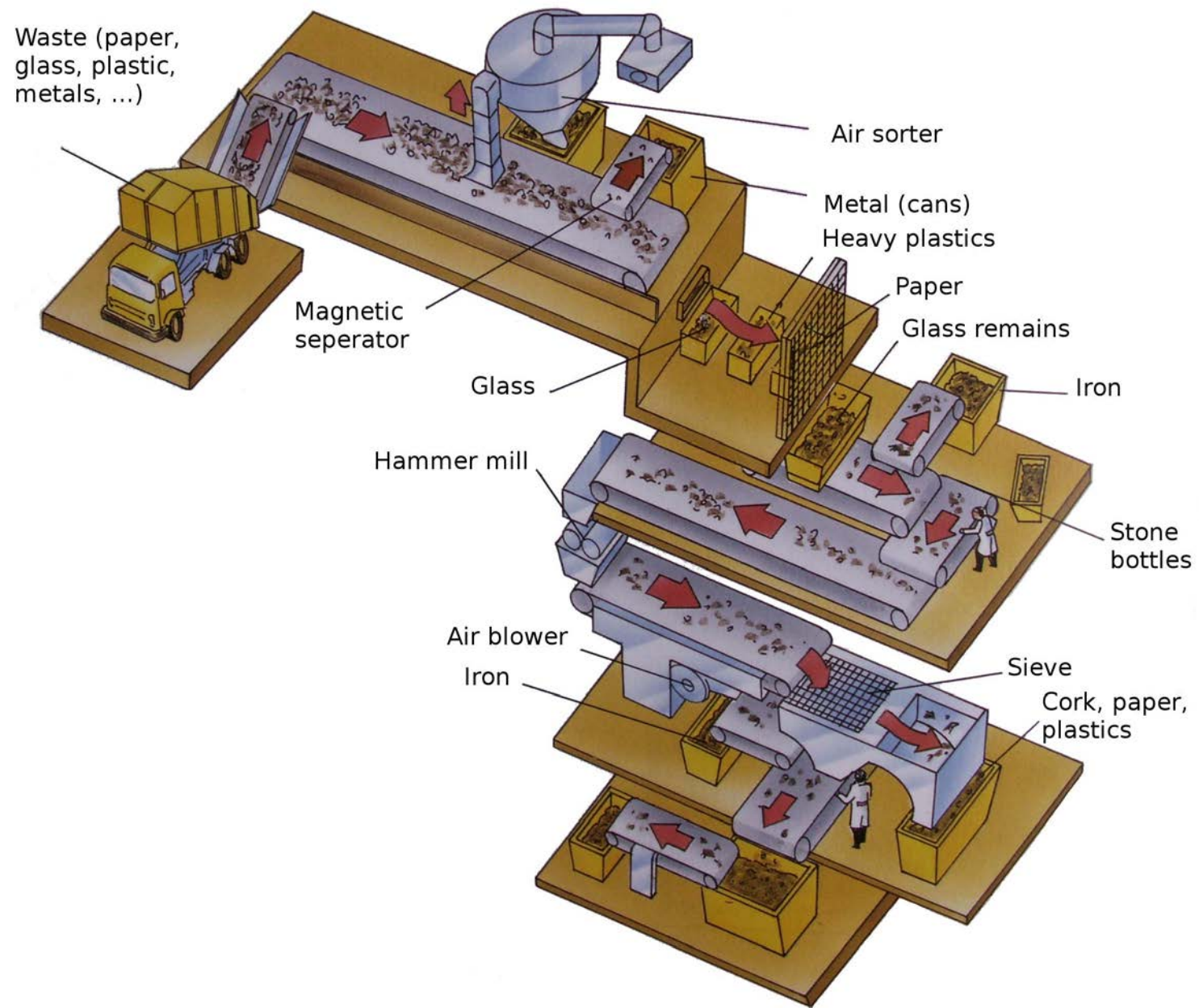
FOOD WASTE SELF-HAULER

Inflow/Outflow	In-state/out-of-state	Must report	What to report
Outflow	In-state	Solid waste disposal	Tons by material type and RDRS #/contact information
	In-state	Recycling and composting	Tons by material type and RDRS #/contact information
	In-state	End users	Tons by material type and end user category by region
	Out-of-state	Solid waste disposal	Tons by material type and RDRS #/contact information
	Out-of-state	Recycling and composting	Tons by material type and region
	Out-of-state	End users	Tons by material type and end user category by region

CONTRACT HAULER

Inflow/ Outflow	In-state/ out-of-state	Must report	What to report
Outflow	In-state	End users (land application only)	Tons by material type and end user category by region
	Out-of-state	Solid waste disposal	Tons by jurisdiction of origin & source sector; and RDRS #/contact info
		Green beneficial reuse	Tons by jurisdiction of origin and RDRS#/contact info
		Non-green beneficial reuse	Tons by material type and RDRS #/contact information
		Recycling and composting	Tons by material type and region
		Designated waste disposal	Tons by material type and RDRS #/contact information
		Disaster debris disposal	Tons by material type and RDRS #/contact information
		End users	Tons by material type and end user category by region

REPORTING REQUIREMENTS FOR TRANSFER/ PROCESSING FACILITIES AND OPERATIONS



“WHO’S IN” – TRANSFER/PROCESSORS 1

- Transfer/processing facilities and operations, including those with a:
 - Notification,
 - Registration,
 - Standardized,
 - or Full Solid Waste Facilities Permit (SWFP):
- AND EITHER transfers/processes 100 tons
 - OR transfers/processes 2,500 tons of CDI exclusively

All thresholds are for reportable materials and on a per-quarter basis unless otherwise noted

“WHO’S IN” – TRANSFER/PROCESSORS 2

- Contaminated soil operations
- Inert debris processing facilities Type A/B
- Inert debris Type A processing operations
- Nonhazardous ash transfer/processing operations
- Small/medium/large volume CDI debris processing operations
- Limited volume transfer/processing operations
- Small volume transfer stations
- Medium/large volume transfer/processing facilities
- Secondary material processing facilities and operations
- Glass container processing operations

All thresholds are for reportable materials and on a per-quarter basis unless otherwise noted

“WHO’S IN” – TRANSFER/PROCESSORS 3

- Direct transfer facilities
- Sealed container transfer operations
- Mixed waste processing facilities
- Material recovery facilities (MRFs) that require a SWFP
- 14 CCR §18815.3(b)(3)

All thresholds are for reportable materials and on a per-quarter basis unless otherwise noted

TRANSFER/PROCESSOR INFLOWS

Inflow/Outflow	In-state /out-of-state	Must report	What to report
Inflow - transfer/processor	Either	Designated waste	Tons by material type
		Disaster waste	Tons by material type
		Non-green beneficial reuse	Tons by material type
		Green beneficial reuse	Tons by material type
		Solid waste	Tons by material type
Inflow - direct-haul	Either	Designated waste	Tons by material type
		Disaster waste	Tons by material type
		Non-green beneficial reuse	Tons by material type
		Green beneficial reuse	Tons by jurisdiction of origin
		Solid waste	Tons by jurisdiction of origin & source sector

TRANSFER/PROCESSOR OUTFLOWS – IN-STATE

Inflow/ Outflow	Destination	Must report	What to report
Outflow	In-state	Solid waste disposal	Tons by jurisdiction of origin & source sector; and RDRS#/contact info
		Recycling and composting	Tons by material type and RDRS #/contact information
		End users	Tons by material type and end user category by region
		Non-green beneficial reuse	Tons by material type and RDRS #/contact information
		Green beneficial reuse	Tons by jurisdiction of origin and RDRS #/contact information
		Brokering/transporting	Tons by material type and RDRS #/contact information
		Designated waste disposal	Tons by material type and RDRS #/contact information
		Disaster debris disposal	Tons by material type and RDRS #/contact information

T/P OUTFLOWS – OUT-OF-STATE

Inflow/ Outflow	In-state /out-of-state	Must report	What to report
Outflow	Out-of-state	Solid waste disposal	Tons by jurisdiction of origin & source sector; and contact info
		Recycling and composting	Tons by material type and region
		End users	Tons by material type and end user category by region
		Non-green beneficial reuse	Tons by material type and contact information
		Green beneficial reuse	Tons by jurisdiction of origin and contact info
		Brokering/transporting	Tons by material type and contact information
		Designated waste disposal	Tons by material type and contact information
		Disaster debris disposal	Tons by material type and contact information

REPORTING REQUIREMENTS FOR DISPOSAL FACILITIES



“WHO’S IN” – DISPOSAL FACILITIES

- A permitted disposal facility that disposes or beneficially reuses **any tonnage** with a Registration, Standardized, or Full Permit (section 18815.3(b)(1))
- Solid waste landfills
- Engineered municipal solid waste (EMSW) conversion facilities
- Transformation facilities
- Inert debris Type A/Type B disposal facilities
- Industrial waste co-disposal facilities
- Waste tire disposal facilities

All thresholds are for reportable materials and on a per-quarter basis unless otherwise noted

DISPOSAL FACILITY INFLOWS

Inflow/Outflow	In-state /out-of-state	Must report	What to report
Inflow - direct haul	Either	Designated waste	Tons by material type
		Disaster waste	Tons by material type
		Non-green beneficial reuse	Tons by material type
		Green beneficial reuse	Tons by jurisdiction of origin
		Solid waste	Tons by jurisdiction of origin & source sector
Inflow – transfer/process or		Designated waste	Tons by material type
		Disaster waste	Tons by material type
		Non-green beneficial reuse	Tons by material type
		Green beneficial reuse	Tons by material type
		Solid waste	Tons by material type

DISPOSAL FACILITY OUTFLOWS – IN-STATE

Inflow/ Outflow	In-state/ out-of- state	Must report	What to report
Outflow	In-state	Solid waste disposal	Tons by jurisdiction of origin & source sector; and RDRS#/contact info
		Solid waste disposal (material generated on-site)	Tons by material type and RDRS #/contact information
		Recycling and composting	Tons by material type and RDRS #/contact information
		End users	Tons by material type and end user category by region
		Non-green beneficial reuse	Tons by material type and RDRS #/contact information
		Green beneficial reuse	Tons by jurisdiction of origin and RDRS#/contact info
		Brokering/transporting	Tons by material type and RDRS #/contact information
		Designated waste disposal	Tons by material type and RDRS #/contact information
		Disaster debris disposal	Tons by material type and RDRS #/contact information

DISPOSAL FACILITY OUTFLOWS – OUT-OF-STATE

Inflow/Outflow	In-state /out-of-state	Must report	What to report
Outflow	Out-of-state	Solid waste disposal	Tons by jurisdiction of origin & source sector; and RDRS#/contact info
		Solid waste disposal (material generated on-site)	Tons by material type and RDRS #/contact information
		Recycling and composting	Tons by material type and region
		End users	Tons by material type and end user category by region
		Non-green beneficial reuse	Tons by material type and RDRS #/contact information
		Green beneficial reuse	Tons by jurisdiction of origin and RDRS#/contact information
		Brokering/transporting	Tons by material type and RDRS #/contact information
		Designated waste disposal	Tons by material type and RDRS #/contact information
		Disaster debris disposal	Tons by material type and RDRS #/contact information

REPORTING
REQUIREMENTS
FOR
RECYCLING AND
COMPOSTING
FACILITIES AND
OPERATIONS



“WHO’S IN” – RECYCLERS & COMPOSTERS 1

- “Recycling facilities” = any facility/operation that recycles material
- “Recycling” has the same meaning as in section 40180 of the Public Resources Code. A person who engages in activities described in section 18815.2(a)(43) is a recycler under these regulations
- Clues you may be a recycler: Sorting, cleaning, baling, shredding, pulping, cullet making, flaking, pelletizing, mulching, composting, treating wastewater, chipping and grinding, crushing, grinding, shredding, sizing, shearing, deconstructing, removing components for recycling, or otherwise create intermediate products such as cullet, flake, chips, pellets

“WHO’S IN” – RECYCLERS & COMPOSTERS 2

- Questions to ask yourself to determine if you might be a recycler or composter:
 - Do I do any of the actions described in third bullet, previous slide?
 - Do I create “intermediate products” (*i.e.* things that replace or substitute for virgin material in a manufacturing, construction, or agricultural process)?
 - Pellets, flake, pulp, bales of metal, glass cullet
 - Things that replace fuel (such as tires sent to an EMSW conversion facility—not solid waste)
 - Wood chips & compost
 - A homogeneous mixture used for direct land application such as aggregate, road base, and biosolids/biochar
- *De minimis*: 100 tons/qtr reportable materials, or 2,500 tons/qtr exclusive CDI

“WHO’S IN” – RECYCLERS & COMPOSTERS

Types of facilities and operations expected to report as recycler/composter:

- Material recovery facilities (MRFs) that do not require a SWFP – also known as a “recycling center” or “clean MRF”
- Wastewater treatment plants
- Paper pulpers
- Textile fiber reclaimers
- Plastic reclaimers, shredders, grinders, flakers, and pelletizers
- Metal shredders, sorters, and processors
- Glass cullet manufacturers/beneficiators
- Beverage Container Recycling Program (BCRP) recyclers or processors

"WHO'S IN" – RECYCLERS & COMPOSTERS

- Carpet collectors and recyclers
- C&D, CDI, and inert debris recyclers
- Chipping and grinding facilities and operations
- Medium volume C&D wood debris chipping and grinding facilities
- C&D wood debris chipping and grinding operations
- Automobile shredders

- Compostable material handling facilities and operations
- Composting research operations
- In-vessel digestion facilities and operations
- Wastewater treatment plants (WWTPs) (section 18815.2(a)(65))

RECYCLERS AND COMPOSTERS

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REPORTING REQUIREMENTS FOR BROKERS AND TRANSPORTERS



"WHO'S IN/OUT" – BROKERS & TRANSPORTERS

- IN: Entities who sell or transfer 100 tons of material for which they controlled and determined the destination (section 18815.3(b)(6))
- OUT: Brokers and transporters who move or facilitate transactions of material from a reporting entity, but do not determine the destination of the material.

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BROKERS AND TRANSPORTERS

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		Recycling and composting	Tons by material type and RDRS#/contact information
		End users	Tons by material type and end user category by region
		Non-green beneficial reuse	Tons by material type and RDRS#/contact information
		Green beneficial reuse	Tons by material type and RDRS#/contact information
		Brokering/transporting	Tons by material type and RDRS#/contact information
	Out-of-state	Solid waste disposal	Tons by material type and RDRS#/contact information
		Recycling and composting	Tons by material type and region
		End users	Tons by material type and end user category by region
		Non-green beneficial reuse	Tons by material type and RDRS#/contact information
		Green beneficial reuse	Tons by material type and RDRS#/contact information
		Brokering/transporting	Tons by material type and RDRS#/contact information

LEARNING OBJECTIVES REVISITED

I know what information I need to record pursuant to RDRS reporting

I know how which measurement methods are acceptable to CalRecycle for data points such as tonnage, source sector, and material type

I know what the reporting requirements are for my reporting entity(ies)



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RDRS Web page:
<https://www.calrecycle.ca.gov/swfacilities/rdreporting/>



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