

Material Stream Contamination

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Why is Material Contamination important to Waste Management industry?

- Safety impacts on collection equipment
- Drivers
- Processing Equipment
- Teams working in a processing facility

Bear Spray



In 2023, Urban Impact had over 50 staff on 10 occasions



Impacted by discharged bear spray.



First Aid Treatment required for all, and 1 trip to Emergency.

**Its going to take
many levels to
reduce
contamination and
solve the safety
concerns.**

Consumer

Businesses

Collectors

Processors

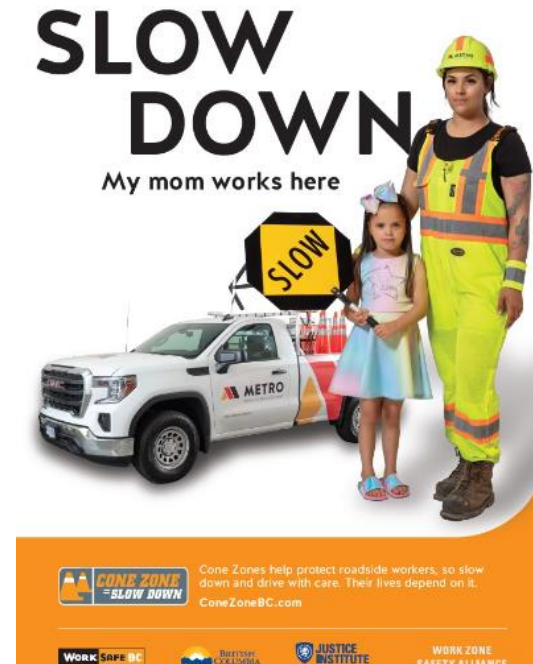
Municipal & Government

Regional Districts

Stewardship Agencies

Consumers & Businesses

Public interest and “buy in” on the importance of making the right choices waste and recycling material sortation.



How can Collectors help in cleaning up Material Stream Contamination?

- Clear and continuous communication with your customers when there are contamination issues.
- Clear signage on bins and containers.
- Can you make it easier and automation communication with customers?
- Your websites should include information what can and cannot be put into the waste streams.

How can Processors help?

- Timely Receiving Reports and Pictures

Contaminated load

Date	12 FEBRUARY 2024
Truck # & Trailer #	225
Collector / Hauler	
City	
<u>Cietrade</u> Ticket #	
Total weight of load	
Weight of contaminated	
Time of Dumped	
Subject line email:	

Description:

- Contaminated with blue nitrile gloves in bags and loose throughout the load.



How can Processors help?

- Invest in further technology and processes to try and intercept contaminated materials.
- Upgrade Fire Safety Systems and Training

Stewardship Organizations

- **Include action plans in the Stewardship Plan** to get their producers hazardous products out of the material stream.
- **Invest in the retrieval of their product.** If the steward needs to use deposit to incent consumers in getting their materials out of the waste stream, they should do so.
- **Create the right incentive program** for the consumer or businesses to return their product to the right location and keep it out of the waste stream.

Municipalities & Government

- **Support in any way possible for** getting hazardous products that they represent out of the material stream.
- **Communicate actively with their constituents.**
- **Resources online.**
- **Ensure that Stewardship Plans** really support safety **for all.**

How far can Education get in solving
Contamination issues?

Sharing Resources

Over the last few years Urban Impact has initiated a social media campaign using the #hashtags **#recycleitright** **#recyclesafely**.

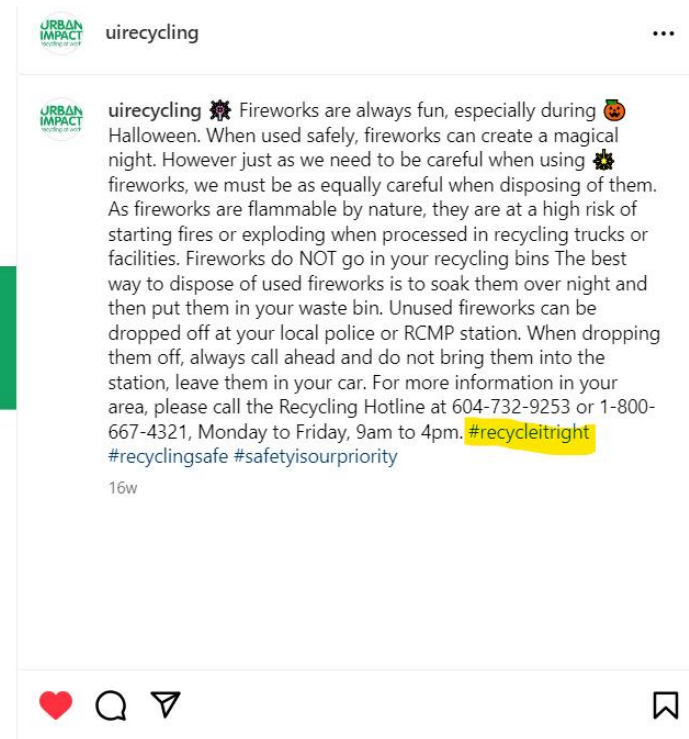
Recycle Safely

Do your part and Recycle Safely. This item does not belong in your #bluebin. Please #recycleitright #recyclesafely

Keep these items out of your Blue Bin.



Fireworks



Sharing Resources

#recycleitright #recyclesafely.



lanecountygov Do pizza boxes go in the recycling or garbage?

Now you can have the answer at your fingertips with our FREE WasteWise Lane County app. Available in English and Spanish.

Links to download the app for iOS and Android from the app stores are available at www.lanecounty.org/wastewise.

#ItsEasyItsFree #WasteWiseLaneCounty #ReduceReuseRecycle
#CommunityResources #IfInDoubtFindOutOrLeaveItOut
#RecycleItRight

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Here is how Urban Impact would like to help!

Recycle Safely

Do your part and Recycle Safely. These items do not belong in your #bluebin. Please #recycleitright #recyclesafely

Keep these items out of your Blue Bin.



Paint & Turpentine

Recycle Safely

Do your part and Recycle Safely. These items do not belong in your #bluebin. Please #recycleitright #recyclesafely

Keep these items out of your Blue Bin.



Camping Fluid

Recycle Safely

Do your part and Recycle Safely. These items do not belong in your #bluebin. Please #recycleitright #recyclesafely

Keep these items out of your Blue Bin.



Lithium Batteries

What are items that need to stay out of the waste and recycling loads?

- Ammunition
- Antifreeze
- Anything explosive
- Bear Spray
- Butane & Lighter Fluid
- Batteries, Car Batteries
- Fire Extinguishers
- Fireworks
- Fuel cannisters & tanks
- Helium cannisters & tanks
- Kerosene tanks
- Lithium battery
- Lighters & matches
- Oil containers
- Paint & Solvents & Paint Thinner
- Pesticides
- Propane Tanks
- Toys with batteries
- Vape cartridges