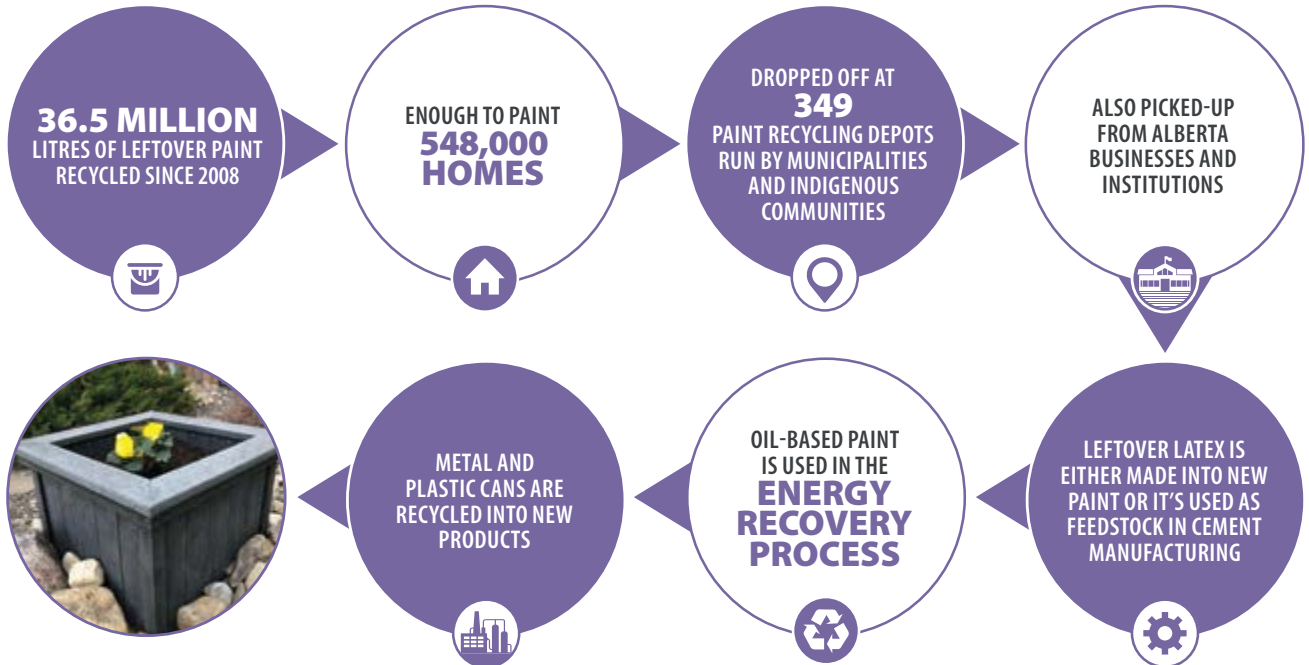


# STEWARDSHIP PAINT RECYCLING 2023 – 2024 PROGRESS REPORT



## MAKING RECYCLING MORE CONVENIENT

93% of the population live no further than a 20-minute drive from a paint recycling depot.

## PAINT RECYCLING RESULTS

This chart displays results of paint recycling over the last three years. Paint and coatings processed increased over the previous year, consistent with stronger sales of paint.

| PAINT AND COATINGS PROCESSED | KG. (MILLIONS) | LITRES* (MILLIONS) | KG. PER CAPITA | RECOVERY RATE | CAPTURE RATE |
|------------------------------|----------------|--------------------|----------------|---------------|--------------|
| 2021/22 Result               | 2.95           | 2.46               | 0.66           | 9%            | 78%          |
| 2022/23 Result               | 2.94           | 2.45               | 0.63           | 10%           | 86%          |
| 2023/24 Target               | 2.90           | 2.41               | 0.63           | 10%           | 81%          |
| 2023/24 Result               | 3.10           | 2.59               | 0.65           | 10%           | 84%          |

*\*Based on an average weight per litre of 1.2 kg.*



# RECYCLING RESULTS FOR PAINT CANS

## PAINT AND COATING CONTAINERS PROCESSED

†Reported volumes of recycled containers have decreased over 2021 – 2022. Some recyclers have expressed challenges with finding an end-market that will accept their empty containers for recycling. Although there was an increase in the reported volumes of recycled containers compared to the previous year, the volumes of recycled plastic containers continue to decline. Markets for plastic paint containers, especially one-gallon hybrid (plastic and metal) containers, have limited options for end-of-life processing.

## AEROSOL PAINT CANS PROCESSED

\*\*The large volume increase in 2022 – 2023 is due to delays in processing in 2021 – 2022 that pushed a large volume into 2022 – 2023.

| PAINT AND COATING CONTAINERS PROCESSED | METAL (KG.) | PLASTIC (KG.) | TOTAL (KG.) |
|----------------------------------------|-------------|---------------|-------------|
| 2021/22 Result                         | 402,278     | 309,721       | 711,999     |
| 2022/23 Result                         | 363,319     | 169,213       | 532,532     |
| 2023/24 Target                         | 383,911     | 266,111       | 650,022     |
| 2023/24 Result                         | 533,466     | 71,084†       | 604,550     |

†See commentary in 'Paint and Coating Containers Processed' above.

| AEROSOL PAINT CANS PROCESSED | UNITS       | RECOVERY RATE |
|------------------------------|-------------|---------------|
| 2021/22 Result               | 651,743     | 14%           |
| 2022/23 Result               | 1,024,115** | 25%           |
| 2023/24 Target               | 779,953     | 18%           |
| 2023/24 Result               | 885,218     | 22%           |

\*\*See commentary in 'Aerosol Paint Cans Processed' above.

# RECYCLING EMPTY METAL & PLASTIC PAINT CANS

Made-in-Alberta solutions address the handling of leftover latex paint with an approved recycler who processes it into new paint. If the latex is solid or semi-solid, it can be used as feedstock in cement manufacturing rather than being landfilled.

Leftover oil-based products such as stains and finishes are used in fuel blends to provide an alternative fuel source. Plastic containers are recycled into molded products, and the metal cans are recycled into industrial products such as rebar.



# PROGRAM SUSTAINABILITY

The environmental fees Albertans pay for new paint are used to help fund the collection and recycling of used material along with other program-related costs. Registered producers and suppliers remit fees on eligible products sold. ARMA values their commitment as part of the front line of the program.

In 2022 – 2023 an incentive review study was initiated and was finalized in 2023 – 2024. This review was an encompassing look at ARMA’s stewardship programs to assess the overall incentive model and make recommendations on necessary adjustments to incentive program activities, incentive structure, and associated incentive rates.

The primary objective of this review was to optimize the programs with the following goals in mind:

- 1. Ensure materials are managed appropriately at end-of-life.
- 2. Maximize environmental outcomes.
- 3. Optimize the collection network to support high recovery rates and access of Albertans.
- 4. Consider the impacts of recycling by-products with volatile market prices.
- 5. Provide an adequate level of funding to ensure sustainable collection, transportation, and processing at a reasonable cost (environmental fees) to Albertans.
- 6. Encourage in-province solutions to support Alberta job creation and economic diversification.
- 7. Support the advancement of the circular economy in Alberta by encouraging entrepreneurship, investment, and innovation.
- 8. Ensure an optimal transportation model.
- 9. Ensure the program incentive model minimizes disruption to the operation of free markets

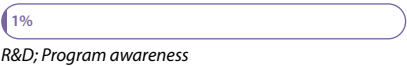
Periodically, sustainability reviews of processor operations are conducted by an independent third-party to assess if program funding levels are appropriate. In 2023 – 2024, two programs were identified as requiring funding adjustments, prompting sustainability reviews to be completed in early 2024 – 2025 and forming the basis for fee amendments in the Tires and Paint recycling programs in the fall of 2024.

## FEE MANAGEMENT

### RECYCLING EXPENDITURES



### RECYCLING DEVELOPMENT



### PROGRAM DELIVERY EXPENDITURES



### CORPORATE ADMINISTRATION



|                                                                                     |                                      |                                                                     |
|-------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------------------------------------|
|   | 100ml to 250ml                       | \$0.25 on or before Sept. 30, 2024<br>\$0.40 beginning Oct. 1, 2024 |
|  | 251ml to 1L                          | \$0.50 on or before Sept. 30, 2024<br>\$0.70 beginning Oct. 1, 2024 |
|  | 1.01L to 5L                          | \$1.00 on or before Sept. 30, 2024<br>\$1.30 beginning Oct. 1, 2024 |
|  | 5.01L to 23L                         | \$2.25 on or before Sept. 30, 2024<br>\$2.80 beginning Oct. 1, 2024 |
|  | Aerosol/Spray Paint Cans (all sizes) | \$0.25 on or before Sept. 30, 2024<br>\$0.40 beginning Oct. 1, 2024 |

## ALBERTA BUSINESSES RECYCLE THEIR PAINT

Commercial paint roundups are firmly established events in Edmonton, Calgary, and for the fourth year in a row, Red Deer. The roundups enable painting contractors and businesses to drop off unlimited amounts of program paint at no charge. ARMA staff are also on site to help unload material.





## WHAT HAPPENS TO YOUR LEFTOVER PAINT?

Registered recyclers pick up leftover or unused paint and empty cans from 349 paint recycling depots and recycling roundups (34 events in 2023 – 2024) as well as from businesses and institutions.

Oil-based paint is bulked and shipped to approved downstream processors to be used in fuel blends to provide alternative fuel sources.

Latex paint is delivered to an approved recycler in Alberta for processing into new paint or, if the latex is solid or semi-solid, it is used as feedstock in cement manufacturing.

