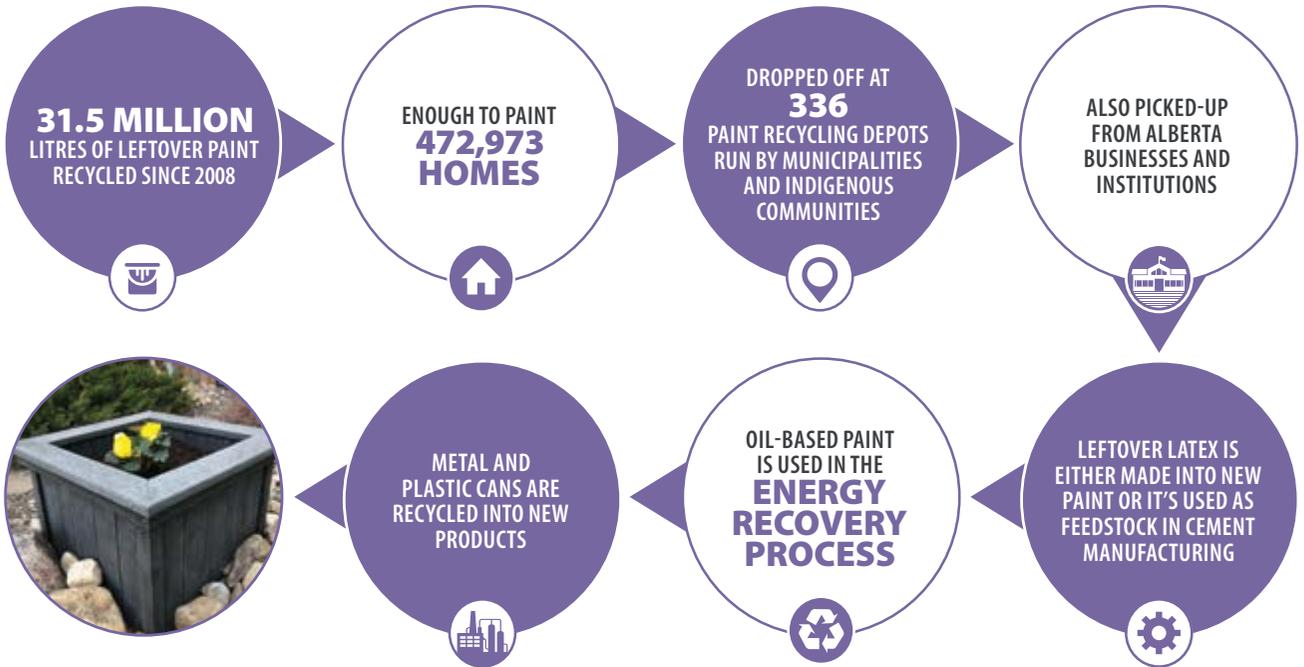




PAINT RECYCLING

2021-22 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. While sales of new paint and volumes of recycled paint remained strong in 2021/22, both metrics eased from the higher-than-typical results seen in 2020/21 (during the first year of the COVID-19 pandemic when travel and other restrictions drove an increased volume of residential painting activity).

PAINT AND COATINGS PROCESSED	KG. (MILLIONS)	LITRES* (MILLIONS)	KG. PER CAPITA	RECOVERY RATE	CAPTURE RATE
2019/20 Result	2.74	2.28	0.62	10.0%	83.2%
2020/21 Result	3.02	2.51	0.68	9.2%	76.5%
2021/22 Target	2.93	2.44	0.66	10.3%	85.5%
2021/22 Result	2.95	2.46	0.66	9.5%	79.0%

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

RECYCLING RESULTS FOR PAINT CANS

Reported volumes of recycled containers in 2021/22 increased more than 70% over the prior year. This is due to a combination of factors including the incentive paid to processors on containers, improved reporting by processors, and strong sales. Conversely, aerosol volumes decreased in 2021/22 with less activity in the business sector (where the bulk of this material is generated) due to COVID-19.

AEROSOL PAINT CANS PROCESSED	UNITS	RECOVERY RATE
2019/20 Result	705,920	15.8%
2020/21 Result	702,697	14.0%
2021/22 Target	708,374	15.8%
2021/22 Result	651,743	14.3%

PAINT AND COATING CONTAINERS PROCESSED	METAL (KG.)	PLASTIC (KG.)	TOTAL (KG.)
2019/20 Result	259,567	151,466	411,033
2020/21 Result	255,133	161,776	416,908
2021/22 Target	236,809	229,072	465,881
2021/22 Result	402,278	309,721	711,999

PROGRAM SUSTAINABILITY

The environmental fees that Albertans pay when buying new paint products helps fund the collection and recycling of these materials along with other program related costs.

There are **516 paint producers and suppliers** registered with ARMA who collect these fees on the sale of each eligible product sold in Alberta and remit the funds to ARMA. We value their commitment and diligence as part of the frontline of the paint recycling program.

	100ml to 250ml	\$0.25
	251ml to 1L	\$0.50
	1.01L to 5L	\$1.00
	5.01L to 23L	\$2.25
	Aerosol/Spray Paint Cans (all sizes)	\$0.25

FEE MANAGEMENT

RECYCLING EXPENDITURES



Collection and recycling of paint and containers

RECYCLING DEVELOPMENT



R&D; Program awareness

PROGRAM DELIVERY EXPENDITURES



Costs to deliver the program

CORPORATE ADMINISTRATION



Corporate costs

PROGRAM SUPPORT

Albertans' support of the paint recycling program continues to be strong, as measured in this year's survey. This helps drive its success to effectively divert leftover paint and containers from landfills.

YEAR	SUPPORT
2017/18 Result	82%
2018/19 Result	82%
2021/22 Result	79%

ALBERTA BUSINESSES RECYCLE THEIR PAINT

Commercial paint roundups are firmly established events in Edmonton, Calgary, and for the second 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.



RECYCLING EMPTY METAL & PLASTIC PAINT CANS

Metal paint cans and plastic pails are an equally important part of the paint recycling program as the environmental fees paid at the time of purchase help fund the collection and recycling of these materials.

The plastic pails collected by paint recyclers are shipped to an approved processor in southern Alberta and recycled into composite lumber, fence posts, and parking curbs.

The metal cans are recycled into industrial products such as rebar.



ENVIRONMENTAL COMPLIANCE

A program goal is to ensure leftover paint and containers are collected and shipped by the registered recyclers to downstream processors in an environmentally and socially responsible manner. Regular inspections by ARMA and an environmental audit by external experts every three years confirm recyclers are meeting program requirements.



WHAT HAPPENS TO YOUR LEFTOVER PAINT?

Registered recyclers pick up leftover or unused paint and empty cans from **336 paint recycling depots** and recycling roundups (39 events in 2021/22) 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.



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INSPIRING A FUTURE WITHOUT WASTE

DIRECT 780.990.1111 **TOLL-FREE** 1.888.999.8762 **EMAIL** info@albertarecycling.ca | albertarecycling.ca



ARMA oversees end-of-life processing of tires, electronics, paint and used oil materials on behalf of the province. Since 1992, ARMA has worked with a broad spectrum of stakeholders to shape recycling policy, create a value-added processing system, minimize waste entering landfills and to act as collective stewards of Alberta's environment.