



# **RECYCLE SASKATCHEWAN**

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SPWA landfill workshop

OCTOBER 20, 2016

## Stewardship Programs

- Regulated under
  - Litter Control Act (SARCAN)
  - Environmental Management Protection Act
- Importers or first sellers required to have End-of-Life program
- RS members represent government approved programs
- Voluntary programs



## Benefits of Stewardship Programs

- Environmental Protection – water, soil, wildlife
- Human Health
- Safety
- Resource Value
- Landfill space
- GHG reduction
- Security

## Environmental Handling Fee

- Paid on program products
- May be visible or hidden
- Used to pay for end-of-life product management
- Non-refundable

## Deposit

- Incentive
- Paid on program products
- Visible
- Refunded to consumer

## Recycle Saskatchewan:

- **Advance** RS as a collaboration of provincial product management programs
- **Support** responsible recycling in Saskatchewan
- **Promote** awareness of recycling due to RS member programs
- **Enhance** public relations to advance a strong image for RS member programs and the concept of recycling in Saskatchewan

## Recycle Saskatchewan Members:

- SARCAN
- Saskatchewan Association for Resource Recovery Corporation (SARRC)
- Saskatchewan Scrap Tire Corporation (SSTC)
- Saskatchewan Paint Recycling Program (SPRP)
- Electronic Products Recycling Association (EPRA Saskatchewan )
- Clean Farms
- Multi-Material Stewardship West (MMSW)



- The recycling division of SARC
- Beverage containers
- 72 depots in 64 communities
- Collected 7 billion beverage containers

# **SARCAN**

## **R E C Y C L I N G**

- **Glass** is used to create the reflective beads in highway paint
- **Plastic** can become carpeting, fiberfill in winter jackets and sleeping bags, or incorporated into new bottles
- **Tin cans** are used as a de-oxidant in the steel making process to become rail, rebar and pipe
- **Aluminum cans** are recycled back into aluminum cans for beverages.





- Used oil, antifreeze, diesel exhaust fluid, containers and oil filters
- 34 EcoCentres plus 150 municipal and retail locations
- Antifreeze, antifreeze containers, DEF containers added April 1, 2014
- Recycled over 307 M litres of used oil, 34 M oil filters, 5,300 tonnes of containers, 389,000 litres of antifreeze



- **Oil** – refined into new oil
- **Oil Filters** – resmelted for rebar, angle iron, pipe
- **Antifreeze** – reprocessed in to new antifreeze
- **Containers** – cleaned and pelletized as feedstock for new containers, posts, pipe, or patio furniture

SASKATCHEWAN  
**SCRAP TIRE**  
CORPORATION

- Old tires – automobile, equipment, bicycle
- 3 Program Operations – Return to Retail, Landfill Clean Up (complete) and Black Gold Rush (ongoing)
- 1375 retailer participants
- 27 Million tires recycled to date

# SASKATCHEWAN **SCRAP TIRE** CORPORATION

- Recycled into
  - road paving
  - playground surfaces
  - paving blocks/stones
  - shingles
  - mats

 **PaintRecycle**  
Saskatchewan Paint Recycling Program

- household paints, stains and varnishes
- Operated by Product Care Association under the ReGeneration brand
- 72 SARCAN Depots, return to retail
- Since inception has recycled over 2.6 million litres

 **PaintRecycle**  
Saskatchewan Paint Recycling Program

- **All Paint** - Give away
- **Oil Paint** - Alternative fuel
- **Latex Paint** - Recycled into new paint
- **Metal Paint Can** – resmelted for rebar, angle iron, and pipe
- **Plastic Paint Cans** - cleaned and pelletized as feedstock for new containers, posts, pipe, or patio furniture



- Televisions, computers, peripherals, monitors, printers, fax machines, audio/video systems and non-cellular phones
- SARCAN depots, collection events, Return to Retail (R2R), Crown Shred, Habitat for Humanity and large volume generators
- Computers for Schools approved for reuse
- Since 2007 has collected 25,000 tonnes of material



- Separated into components
  - Glass
  - Plastic
  - Metals – steel, aluminum, copper
  - precious metals – gold, silver, palladium
  - Used to manufacture new products





- Empty pesticide and fertilizer containers, obsolete pesticide & animal health medicine, grain bags
- 400 return to retail locations across Canada
- Over 1.7 M containers collected and in 2014-15 >185,000 kilograms of product
- Voluntary, industry-funded program
- New Ag Plastic (Grain Bag) program



- Material is recycled into drainage tile for farm use



## Multi-Material

Stewardship Western

- Household packaging and paper
- Agreements with 464 municipalities and First Nations and 9 regional waste authorities (86.6% of households)
- Participating communities receive funding from the program to assist with their residential recycling program
- Material remanufactured into wide variety of products

- [www.recyclesaskatchewan.ca](http://www.recyclesaskatchewan.ca)
- Links to all the programs' websites
- Questions can be sent to  
[info@recyclesaskatchewan.ca](mailto:info@recyclesaskatchewan.ca)



THANK YOU