

JUNE 2006

ReNews

RECYCLING NEWS & INFORMATION
FOR SASKATCHEWAN

NEW!

Recycle Paint at SARCAN



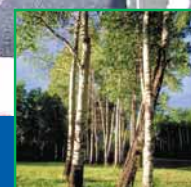
THE AMAZING AFTERLIFE OF
USED OIL MATERIALS. [Page 2](#)

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MEETS THE ROAD. [Page 3](#)

RECYCLING EVERYTHING,
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**CELEBRATE
ENVIRONMENT WEEK**

June 4-10, 2006

Visit
[www.on.ec.gc.ca/
environment-week](http://www.on.ec.gc.ca/environment-week) for details



**CELEBRATE
WASTE REDUCTION WEEK**

October 16-22, 2006

Visit
www.wrwcanada.com
for details

Congratulations on another ground breaking year!



The best option for managing our waste is to prevent or reduce the amount that is generated in the first place. If waste cannot be avoided, then reuse is an important component of waste management; as an item is being reused, the generation of waste is prevented or delayed. Recycling allows

us to recover valuable resources and remove materials from the waste stream. None of these 3R principles would work without Saskatchewan people, government and business working together to develop viable waste management programs, building a bright sustainable future in the process.

In April of 2006, the Government of Saskatchewan created a new waste paint recycling program, which has been developed in partnership with the Product Care Association. Saskatchewan residents can drop off leftover household paints at any of SARCAN's 70 locations. The paint is reused, recycled into

other products or used as a source of energy. In the first month, SARCAN collected the equivalent of 3,400 4-L paint containers, proving Saskatchewan people will use recycling services.

In 2005-2006, over 279 million non-refillable beverage containers were collected and recycled through the Beverage Container Collection and Recycling Program. This means that 14,700 tonnes of materials were diverted from our landfills.

2006 marks the 10th anniversary of two successful industry led recycling programs in Saskatchewan. Since 1996, almost 7 million tires have been removed from the Saskatchewan waste stream. During the same period, 1.43 million kilograms of oil containers, 13.8 million oil filters, and 127 million litres of used oil have been collected and recycled. Industry operated stewardship programs have proven to be effective in collecting and processing recyclable materials.

As we heard in our Green Strategy consultations, Saskatchewan residents want a comprehensive waste management strategy

that addresses risks to our water, air and land. Recycling, waste minimization, pollution prevention and stewardship programs reduce the risks to our health and our environment.

Congratulations to our partners, the Saskatchewan Waste Reduction Council, Saskatchewan Association for Resource Recovery Corporation, SARCAN Recycling/Unified Dairy Recycling Systems, Saskatchewan Scrap Tire Corporation and the Product Care Association for your commitment and achievements in reducing waste across the province. I look forward to working with you and other organizations as we continue to develop recycling and waste management opportunities in Saskatchewan.

John T. Nilson
Minister of Environment



Where to Recycle

Recycling your used oil materials is easy. There are nearly 350 Used Oil Material Collection Facilities all over Saskatchewan. Many are operated by vehicle repair shops, service stations, retail stores and by communities themselves. Not all locations accept all three materials, so call SARRC or visit their website to locate your nearest collection facility.

You can also visit one of 35 Used Oil, Filter and Container EcoCentres, which accept all three materials. So take in your used oil, containers and filters today!

For bigger volumes, private sector collectors registered with SARRC pick up used oil materials from large and small businesses, municipalities and farmers. If you or your customers wish to have used oil, filters or containers picked up, please contact your local collector or contact SARRC.

Saskatchewan Association for Resource Recovery Corp
2366 Avenue C North
Saskatoon SK S7L 5X5
Toll-free: 1-877-645-7275
www.usedoilrecycling.com

Damage Control – Recycling Used Oil Materials

How much damage can used oil do when thrown away? A lot! Used oil is the largest single source of potentially hazardous recyclable material in Canada. Just one litre of used oil from your oil change can contaminate one million litres of water.

And don't forget about the millions of empty plastic oil containers and filters thrown away every year. If you think about how many cars are on the road today, each having an oil change every three months or so, that adds up to a lot of space taken up in landfills by materials that take hundreds of years to break down, plaguing generation after generation.

But there's a better idea – why not recycle these used oil materials so they can be used for something else? Recycled oil containers become patio furniture, plastic pipe, fencing and railway crossings. The metal from oil filters is used to make nails, rebar and pipe. Used oil can be reprocessed into industrial fuel or re-refined



Saskatchewan Association for Resource Recovery Corp.

into new lubricating oil. In fact, all the used oil thrown away in Canada every year could be re-refined to produce enough high-quality lubricants for almost 13 million future oil changes.

Recycling makes a big difference. The Saskatchewan Association for Resource Recovery Corp. (SARRC) has had great success encouraging consumers to recycle their used oil, filters and containers rather than throw them away. Since

1996, nearly 1.5 million kilograms of oil containers, almost 14 million filters and over 127 million litres of used oil have been recycled.

Some of this success can be attributed to their mascot, Mr. Oil Drop, who regularly appears at show 'n' shines, trade shows and parades across Saskatchewan. He'll be out and about again this summer with SARRC Recycling Ambassadors, spreading the message of used oil material recycling in your community.



Used Oil Recycling in Saskatchewan

Every litre and kilogram of used oil material collected in Saskatchewan is recycled and reused. A network of collection points and collectors/processors make it easy to recycle.

RECYCLABLES

- 1 litre of used oil can contaminate 1 million litres of water.
- An oil filter can contain up to 20% recyclable steel.
- Used plastic oil containers take up valuable landfill space.
- Plastic pellets make new oil containers.

COLLECTION

- Saskatchewan has over 300 year-round used oil material collection points.
- Filters are processed at steel recycling mills.

OUTCOMES

- The filters can also be further cleaned and processed into pellets for reuse.
- Plastic oil containers can be rinsed and made into new products.
- Used oil can be re-refined into lubricating base oil.
- Energy recovery is now used for road oil.
- The filters make reprocessed plastic goods including playground posts and landscape timbers.

www.usedoilrecycling.com

Saskatchewan Association for Resource Recovery Corp.

EMPTY PESTICIDE CONTAINER PROGRAM

Every return makes a difference.

- 1 rinse** Pressure rinse or triple-rinse your pesticide container
- 2 remove** Completely remove the paper booklet
- 3 return** Return clean, empty containers, with no paper booklets to your local dealer

For more information contact your local dealer or visit www.croplife.ca

stewardshipfirst™

CropLife CANADA



Scrap Tire Asphalt – The Quiet Revolution

It's so logical it just might work: use scrap tires to pave roads. After all, one necessitates the other. It's an idea that has been utilized for several years, particularly in the United States, and now Saskatchewan is taking advantage of the technology.



"July 2006 will mark one year since that test strip was paved," says Schlosser, "an entire year of Saskatchewan heat, cold, snow and ice. As the performance results come in, we hope to see more paving of this nature throughout the province's

roadways and city streets." The rubberized asphalt project is a perfect example of recycling innovation, something Saskatchewan is becoming known for. In addition to the tire equivalents used on Highway 11, SSTC used over 110,000 to replace sand in three playgrounds, provide a base material in a state-of-the-art soccer park and to surface an outdoor running track—all in Saskatchewan.

These and other projects are made possible through the SSTC Restructuring Grant, which encourages communities to "go green" by using recycled scrap tire products in parks and sports facility upgrades. The SSTC



is proud of their work to keep tires out of landfills and to provide local communities with the many products made from Saskatchewan's scrap tires—all great examples of tire recycling fees at work.

"Saskatchewan is a leader and an innovator in the field of recycling and waste diversion and this is particularly true of SSTC," says John T. Nilson, Minister of Environment.

For more information visit www.scraptire.sk.ca

Saskatchewan's long anticipated "rubberized asphalt" project came to fruition in July 2005, when the Saskatchewan Scrap Tire Corporation (SSTC) and its partners used scrap tires to pave a test strip along busy Highway 11. Drive north or south between Findlater and Chamberlain and you will see, feel—and hear—the difference rubberized asphalt makes.

"This project is the first of its kind in the province," says SSTC Chairman Don Schlosser. "Over 30,000 passenger tire equivalents were used to pave a total of 21 km (10 km northbound and 11 km southbound). The project is made possible in part through tire recycling fees added to the sale of new tires in Saskatchewan."

Rubberized asphalt is made using "crumb rubber", a soft, granular material into which almost all scrap tires in the province are recycled. Crumb rubber brings remarkable qualities to conventional asphalt. Not only does it make asphalt paving environmentally friendly, but creates a durable, long-lasting road surface that resists cracking and provides a smoother ride. It also provides better colour contrast for lane striping.

Perhaps the most intriguing quality of the rubberized asphalt project is its ability to reduce tire noise. In fact, a study in California has shown that driving on asphalt made with scrap tires is 4 decibels quieter than driving on conventional asphalt (Report on the Status of Rubberized Asphalt Traffic Noise Reduction in Sacramento County – 1999).

The Scrap Tire Program

The Saskatchewan Scrap Tire Corporation is a non-profit, non-government management agency that administers the provincial tire recycling program.

The program is financed solely through the tire recycling fees added to the sale of new tires.

Using these fees, the SSTC collects scrap tires generated at retailers' business sites. Surplus funds are used to remove pre-program tires from Saskatchewan landfills.

For more information on tire recycling, contact:

Saskatchewan Scrap Tire Corporation
PO Box 1936
Regina SK S4P 3E1
Phone: (306) 721-8473
www.scraptire.sk.ca

Where can I recycle my... kitchen sink?

Okay, so this question probably doesn't come up that often. But there are many other materials in your house that could and should be recycled – things you might not have even thought of! The Saskatchewan Waste Reduction Council's newly updated recycling database has information about what can be recycled and where. Check out what is possible in your community at www.saskwastereduction.ca and select "Where to Recycle in SK". Oh, and for your kitchen sink... if it's still usable, look under "building materials", if not, check "scrap metal".



scraps (trench composting) or compost. Composting combines green materials (like food scraps and grass clippings) with brown materials (like leaves or straw) to produce a soil amendment that adds fertility and water-holding capacity to your soil. These are all great ways to make your household scraps useful! To learn more, see www.saskwastereduction.ca/composting/compost or contact SWRC to receive a pamphlet.



And besides the sink, what else?

There are so many things you can do to reduce waste, use fewer resources and reduce your impact on the planet. We've got lots of ideas, so visit us at www.saskwastereduction.ca. And don't forget, Waste Reduction Week is celebrated October 16 – 22, 2006! Visit

www.wrcanada.com for more details.
Saskatchewan Waste Reduction Council
#203 - 115 2nd Ave. North
Saskatoon, SK S7K 2B1
Ph: (306) 931-3242
Fax: (306) 665-2128
Email: info@saskwastereduction.ca
www.saskwastereduction.ca

Energy Share

We want your old mercury thermostats

If you've recently purchased a new, programmable thermostat, don't throw your old one away — **recycle it instead.**

Bring your household wall mounted thermostat containing mercury to a participating **SaskPower customer service office in:**

Regina	Saskatoon
Prince Albert	North Battleford
Yorkton	Moose Jaw
Swift Current	Weyburn

For more information, call SaskPower at 1-800-667-4749

saskpower.com

SaskPower



Leftover household paint products can now be recycled at any of SARCAN Recycling's

70 depot locations throughout Saskatchewan.

An organization called Product Care has partnered with SARCAN to manage the collection and recycling of leftover paint products dropped off at SARCAN Recycling depots, province-wide. Product Care is a non-profit product stewardship association whose members are the manufacturers, distributors and retailers of paint products.

The paint recycling program is funded by eco-fees. Like the eco-fee associated with the milk container recycling program, the paint recycling eco-fee is added to the cost of the product at the time of purchase. It is not a tax, nor is it a refundable deposit. No part of the eco-fee is remitted to the government.

Leftover paint is accepted at SARCAN Recycling depots without charge. The collected paint is reused, reprocessed as paint or other products, or used for its energy value. Every SARCAN Recycling depot maintains a supply of leftover paint for reuse, which is available to the public without charge.

Product Care Brings Paint Recycling to SARCAN

Only regulated paint products are accepted for reuse and recycling at SARCAN Recycling depots. This includes most interior and exterior household paints, stains and sealers:



By reusing and recycling leftover paint, you help keep harmful chemicals out of our landfills and water supplies, and turn waste into a reusable resource.

Accepted Products

- Maximum paint container size: 23L (5 gal)
- Interior and exterior: latex, acrylic, alkyd, enamel, water-based and oil-based paints
- Varnishes and urethanes (single component)
- Barn, fence, porch, deck, and floor paints and stains (including elastomeric)
- Concrete, drywall and driveway (non-tar-based) paints and sealers
- Primers, undercoats, block fillers, and stain blocking paints and sealers
- Shellac, wood finishing oils and stains
- Rust paint, stucco paint, paints for metal
- Wood and masonry water repellents
- Marine paint (containing no pesticides)
- Non-catalyzed, non-nitrocellulose lacquers
- All types of paint aerosols up to 660g (24 oz)

When returning paint for recycling, please remember these safety guidelines:

- Use only original containers when possible
- Tightly seal all containers
- Do not return paint in glass containers
- Do not mix different types of paint products together

Storing leftover paint at home for a future project is another environmentally responsible option. You can preserve the quality of your paint—thereby reducing waste—by following a few simple guidelines:

- Clean the rim for a good seal. Store upside down; or pour 3 mm (1/8") of paint thinner on top of oil-based paint, or 3 mm (1/8") of water on latex paint.
- Store paint products in their original, securely sealed and labelled containers.
- Store paint away from extreme heat or cold. Avoid freezing.

For more information on paint recycling, please call 1-888-772-9772 or visit www.productcare.org for program information or for depot locations visit www.sarcsarcan.ca.



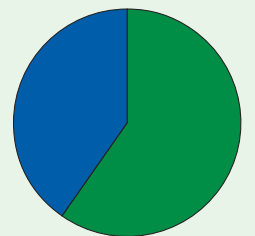
Milk Container Recycling Rates Improving

The Unified Dairy Recycling System (UDRS) is an environmental stewardship program, whereby the dairy industry in Saskatchewan contracts with SARCAN Recycling to provide a voluntary collection and recycling system for plastic milk jugs and paper milk cartons. There are no deposits or refunds on milk containers.

Last year (to end of February 2006), the return rate for plastic milk jugs was 40.3%, an improvement over the previous year. The return rate for paper milk cartons in that same period also improved to 20.8%.

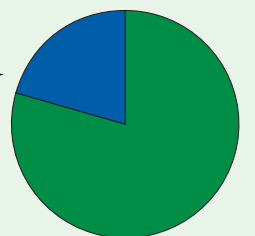
Plastic Milk Jugs →

- 40.3% Recycled
- 59.7% Wasted in Landfills



Paper Milk Cartons →

- 20.8% Recycled
- 79.2% Wasted in Landfills



When recycled, milk containers can be made into non-food containers, plastic packaging, plastic pallets, soft drink cases, plastic toys, tissue paper and napkins.

Recycling milk containers is easy. Just REMOVE the caps, RINSE containers in hot water and REDUCE the size by flattening. Recycle milk containers at SARCAN Recycling depots and community drop-off bins.

For more information on beverage container, milk container or paint recycling, contact:

SARCAN
111 Cardinal Cres. Saskatoon SK S7L 6H5
Phone: (306) 933-0616
www.sarcsarcan.ca

Recycling for Saskatchewan's Future

Environment

On June 1, 1988, SARCAN, the recycling division of the Saskatchewan Association of Rehabilitation Centres (SARC), began operating the province's beverage recycling system, and continues to lead the nation. This year, SARCAN recycled over 267 million containers, which diverted 14,500 tonnes of material out of the waste stream. This is 7.4% more than last year.

NEW! As of April 1, 2006 SARCAN is now partnering with the Province of Saskatchewan and Product Care Inc. (the association of paint producers) to recycle paint! Leftover paint can be returned to any of the 70 SARCAN depot locations at no charge—see the Product Care section on this page for more information.

Employment

SARCAN currently employs over 500 people in full and part time capacities. Over 71% of permanent staff are persons with disabilities or persons who had previously received Social Assistance, resulting in annual savings of \$2.5 million to the provincial government.



A DIVISION OF THE SASKATCHEWAN ASSOCIATION OF REHABILITATION CENTRES

Each year, SARCAN Recycling recognizes the commitment of its long-term employees at its Employee Recognition Day. Currently, 64 employees have 15 or more years of service. This milestone speaks to the teamwork and dedication of SARCAN staff.

Economy

In the last year, SARCAN has paid out more than \$29 million in deposit refunds. Materials recycled generate \$3 to \$4 million per year in economic revenues. Over 90% of the SARCAN Recycling annual budget flows back in to the Saskatchewan economy in terms of wages, benefits, rents, utilities, goods and services.

Effective April 1, 2006, the provincial government and SARCAN have signed a three-year renewal of the contract for the province-wide beverage container recycling program. The new contract provides a stable and predictable funding mechanism to support SARCAN operations. This financial sustainability will allow SARCAN to continue to grow and improve the system, as well as increase employment opportunities.