



# Waste Wise

Reduce · Reuse · Recycle

A public service of Tillamook County Solid Waste

Spring 2010

## Delayed hazardous waste facility set to open in the fall

It's taken longer than they planned – a year to be exact – but county officials are expecting their household hazardous waste (HHW) disposal facility to be open this fall.

“Our goal is for a September opening,” County Solid Waste Coordinator Jennifer Purcell said recently. “We’re in the final stages of the permitting process now.”

Purcell said the process has taken much longer than was originally anticipated, adding that some details still remain to be worked out with the Oregon Department of Environmental Quality, which must approve plans for the new facility.

DEQ will hold a public hearing on modifications to the Tillamook Transfer Station permit sometime in May. Purcell urged interested citizens to monitor local newspapers and radio stations for announcements about the time and place of the hearing.

Once the plan is approved, Purcell said, site work can begin for the new facility, to be located on a 200-by-150-foot hillside parcel just south of the public dropoff building at the Tillamook Transfer Station on Eckloff Road.

Purcell said the facility will cost about \$200,000, with \$66,000 of that coming from a DEQ grant.

The county’s solid waste operations are

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## Problem ‘SOLV-ing’



### *Spring begins with annual beach cleanup*

Thomas Laszlo, 7, of Tillamook, helps his mother, Rebekah, pick up trash March 20 on the windswept beach at Oceanside during SOLV’s annual spring beach cleanup as his baby sister, Mae, watches. Nearly 4,200 volunteers removed an estimated 70,500 pounds of trash and debris from beaches along Oregon’s 362-mile coastline during the daylong cleanup.



County Solid Waste Coordinator Jennifer Purcell reviews plans for the new disposal facility.

## New process recycles roads in place

Tillamook County Public Works officials are exploring new, faster and more affordable ways to improve road surfaces in their jurisdiction and recycling road materials is playing an increasing role in their plans.

Instead of performing traditional road reconstruction on county roads needing serious repairs, Public Works Director Liane Welch said a new process is getting more attention.

“In a typical reconstruction project, we would rip out everything down to

and including the base rock and asphalt,” Welch said.

The new process, “full depth reclamation,” she explained, involves the use of a huge grinding machine with a five-foot high drum and big carbon-tipped teeth.

“It grinds up the road as it goes along,” she said, “down to a depth of 10 or 12 inches and leaves the material in place.”

At that point, four or five inches of cement powder is added and mixed with water to form a 6 percent cement

treated base. Then the surface is rolled and compacted.

“It’s a really great technique,” Welch noted. “The new surface is comparable to an aggregate base and you’re not purchasing new material – except for the cement powder – and you’re not paying to haul the old material away for disposal.”

Welch pointed out that, in some areas, badly deteriorated roads have to be dug out and rebuilt. This can cost more than \$500,000 per mile, she

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# Talking TRASH

By Jennifer Purcell  
Tillamook County  
Solid Waste Coordinator



**W**e have noticed an increase lately in the amount of trash and garbage dumped illegally in various parts of Tillamook County.

Illegal dumping not only endangers wildlife and despoils our beautiful county's environment, it creates extra costs for the county to clean up the debris.

You should know that if you are caught dumping illegally, whether by accumulating waste or unlawfully dumping waste, you may face fines of up to \$500 to \$1,000 a day.

Yes, it's against the law to allow "solid waste that is offensive or hazardous or which creates offensive odors or a condition of unsightliness" to accumulate on private, commercial or industrial property in the county. This includes abandoned or discarded appliances and inoperable vehicles.

You can also be fined if anything falls off a vehicle or trailer you're using to transport trash and garbage. This is particularly problematic along roads leading to and from our county's solid waste transfer station facilities. Please be sure you cover your loads. Violators may face fines up to \$827.

On a brighter note, I'm pleased to report that last month's semi-annual SOLV beach cleanup was a big success. SOLV officials said nearly 4,200 volunteers turned out to clean much of the 362 miles of Oregon coastline, including beaches in Tillamook County. An estimated 70,500 pounds of trash was picked up.

"Some of the most common items found on the beach included Styrofoam, plastic caps, lids, bottles and cigarette butts," SOLV said in a press release. "While these are often small items, if they accumulate they can do big damage to marine wildlife and the environment, particularly the plastic debris that never fully degrade or disappear." Past cleanups revealed that nearly 80 percent of ocean trash comes from land-based activities, meaning that the majority of trash in the ocean could be preventable if we all did more to reduce, properly dispose of, or recycle trash in our daily lives.

We'd like to offer our thanks to City Sanitary in Tillamook, Nestucca Valley Sanitary Service in Hebo, R Sanitary Service in Rockaway Beach and Western Oregon Waste in Warrenton which provided free hauling services for this year's cleanup on local beaches.

Special thanks go to the event's major sponsors, including Fred Meyer and the Oregon Parks and Recreation Department, and zone sponsors The Inn at Cape Kiwanda and The Pelican Pub and Brewery in Pacific City.

Last but not least, kudos to all of the volunteers who joined in the effort to keep Tillamook County beaches clean and clear of the debris that affects the aesthetic beauty of our surroundings and poses serious threats to wildlife and the environment.



Grinding machine recycles a section of McCormick Loop during a resurfacing project.

## Roads

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noted. By contrast, full depth reclamation recycles the existing road material and costs the road department about \$329,000 per mile, a significant savings over traditional meth-

ods.

"People are using the new recycling process all over," Welch said. In fact, it has already been used on some Tillamook County roads.

The county resurfaced 4.8 miles of Blaine Road last summer in a \$5 million project. Also within the last year, a stretch of McCormick Loop from

U.S. Highway 101 to the railroad tracks was resurfaced using the recycle process, as were a couple hundred feet of Brookfield Avenue, near the Tillamook County Fairgrounds, and about a mile of Kilchis River Road.

The technique had never been used in Tillamook before, Welch said.

## Facility

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funded with solid waste fees collected at the Tillamook Transfer Station along with the county's Solid Waste Service District tax of \$1 a month on all developed properties in the county.

"This will be the only facility of its kind on the North Coast of Oregon," Purcell noted.

Once it is built, Purcell said, plans call for the facility to take in household hazardous wastes once a month

on Saturdays from 9 a.m. to 2 p.m. Previously, the county sponsored an annual collection event.

The new facility, she added, will not impact trash and recycling operations at the Transfer Station. Cars waiting to drop off household hazardous wastes will line up in the current wood waste area up the hill from the trash and recycling operations.

The most common household items that will be accepted by the new facility are:

- paints and stains;
- pool and spa chemicals;

- pesticides, herbicides, fertilizers and poisons;
- thinners and solvents;
- household cleaners and disinfectants;
- batteries;
- art and hobby chemicals;
- aerosol spray products;
- propane tanks or bottles from barbecue grills;
- compact fluorescent light bulbs (CFAs), fluorescent bulbs and ballasts and
- items containing mercury, such as thermometers and thermostats.

## Composting Made Easy

Food waste and yard debris are the largest single component of household waste. Start your backyard composting today! Reduce waste and enjoy the benefits of a fertile soil amendment for seasons to come.

Buy your  
**Earth Machine Composter**  
at **Tillamook Home & Garden Show**  
**April 10-11**

or at the County Public Works Dept.

**\$45<sup>00</sup>**



# Save money while saving the planet

When environmentalists talk about the best things ordinary people can do to help save the planet, invariably they mention the “three Rs” – reduce, reuse and recycle.

Our topic for this issue is reuse, stretching the life of an item after it has been used once or finding other things to do with used items instead of throwing them away.

The advantages to the environment can be enormous. Reusing items keeps them out of landfills and saves energy and raw materials by reducing the number of items that need to be manufactured. And it costs you less.

## Buy reusables

The most obvious way to follow the principle of reuse is to buy reusable products. Here are some ideas:

- Sturdy coffee mugs or tea cups can be washed and used time and again.
- Use washable utensils and tableware for picnics, outdoor parties and potlucks.
  - See if “recharged” cartridges for laser printers, copiers and fax machines are available. They reduce waste and typically save money.
  - Use cloth napkins and dishcloths around the house that can be washed and reused.
  - Look for items that are available in refillable containers. For example, some bottles and jugs for beverages and detergents are made to be refilled and reused, either by the consumer or the manufacturer.
  - When possible, use rechargeable batteries to help reduce garbage and keep toxic metals found in some batteries out of the waste stream. Another alternative is to look for batteries with reduced toxic metals.
  - When using single-use items, take only what you need. For example, take only one paper napkin or ketchup packet if more are not needed.

## Use things longer

Stretch the life of the durable goods you own by properly maintaining and repairing them. For example:

- Keep appliances in good working order. Follow manufacturers’ suggestions for operation and maintenance.
- Consider buying high-quality, long-lasting tires for cars, bicycles and other vehicles. To extend tire life, check tire pressure once a month, follow the manufacturer’s recommendations for upkeep, and rotate tires routinely. Retread and remanufactured tires also can reduce tire waste.
- Mend clothes instead of tossing them. Where possible, repair worn shoes, boots, handbags, and briefcases.
- Choose furniture, luggage, sporting goods, toys and tools that withstand vigorous use.



**Using washable items instead of throw-aways, finding new uses for old containers and renting or borrowing seldom-used equipment are easy ways to help the environment and your wallet.**

## Remodeling goldmines

Are you remodeling or redecorating your home and wondering what to do with leftover building materials, old doors, windows or furniture?

Consider donating them to the Habitat for Humanity Re-Store on U.S. Highway 101 in Bay City or to CART’M Recycling on Necarney Road in Manzanita.

CART’M Recycling operates a resale store stocked with building materials, hardware, books, toys, kitchen

items and furniture and encourages waste reduction through recycling and reuse. For more information, call CART’M at (503) 368-7764.

Habitat for Humanity’s Re-Store also carries building materials and accepts donations of all types of items it can re-sell. The money it raises helps fund Habitat homes in Tillamook County. You can even donate old cars, boats and other vehicles. For information, call (503) 842-7472.

- Use low-energy fluorescent light bulbs rather than incandescent ones. They’ll last longer and cost less to replace over time.

## Find new uses for things

Many everyday items can have more than one use. Reusing products extends their lives and keeps them out of the waste stream longer.

- Reuse paper and plastic bags and twist ties. Keep a supply of bags on hand to use on the next shopping trip, or take a string, mesh or canvas tote bag to the store. Inexpensive, reusable fabric bags can be purchased at the two major grocery stores in Tillamook County. When a reusable bag isn’t handy and only one or two items are being purchased, consider whether you need a bag at all.
- Reuse scrap paper and envelopes. Use both sides of a piece of paper for writing notes before recycling it.
- Save and reuse gift boxes, ribbons and large pieces of wrapping and tissue paper. Save packaging, colored paper, egg cartons and other items for reuse or for arts and crafts projects at day-care facilities, schools, youth facilities and senior citizen centers.
- Find other uses or homes for old draperies, bedding, clothing, towels and cotton diapers. Cut up what’s left for patchwork, rags, doll clothes, rag rugs or other projects.
- Reuse newspapers, boxes, packaging peanuts and bubble wrap to ship packages. Brown paper bags are excellent for wrapping parcels and can be made into book covers.
- Wash and reuse empty glass and plastic jars, milk jugs, coffee cans, dairy tubs and other similar containers. They can be used to store leftovers as well as buttons, nails, thumbtacks, etc. You can pack a lunch in an empty coffee can or turn it into a flower pot.
- Use old tires as boat fenders.
- Convert old steel drums into feeding troughs.

## Rent or borrow

Seldom-used items often collect dust, rust, take up storage space and ultimately

end up in the trash. Consider renting or borrowing these items. Infrequently used items also might be shared among friends, or family. Consider the following:

- Rent or borrow party decorations and supplies such as tables, chairs, centerpieces, linens, dishes and silverware.
- Rent or borrow seldom-used audiovisual equipment.
- Rent or borrow tools such as ladders, chain saws, floor buffers, rug cleaners and garden tillers. In apartment buildings or co-ops, residents can pool resources and share tools or other equipment needed infrequently.
- Before discarding old tools, camera equipment, or other goods, ask friends, relatives, neighbors or community groups if they can use them.
- Share newspapers and magazines with others to extend the lives of these items and reduce the generation of waste paper.




## Donate or buy used

One person’s trash is another person’s treasure. Instead of discarding unwanted appliances, tools or clothes, try selling or donating them. Opting for used and irregular items is another good way to practice source reduction. Such products are often less expensive than new or first-quality items, and using them will keep them from being thrown away.

- Donate or resell items to thrift stores or other organizations in need. You may be able to take a tax deduction. Donating used items is also a great way to support local charities that operate thrift stores to help fund their programs.
- Sell secondhand items at fairs, bazaars, swap meets and garage sales.
- Give hand-me-down clothes to family members, neighbors or the needy. Consider acquiring used clothing at thrift or consignment shops. The condition of used clothing in these stores is screened for quality.
- Consider conducting food or clothing drives to help others. Encourage merchants to donate damaged goods or food items that are still edible to food banks, shelters and other groups.



# Your Guide to Recycling in Tillamook County

	FACTS	HOW TO PREPARE FOR RECYCLING	WHERE TO TAKE IT
 <p><b>ALUMINUM</b></p>	<ul style="list-style-type: none"> <li>✓ Americans use over 200 million aluminum beverage cans a day.</li> <li>✓ Using recycled aluminum uses 95 percent less energy.</li> <li>✓ Aluminum cans can be recycled into new cans and back on store shelves in 60 days.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Rinse.</li> <li>✓ No other preparation required.</li> </ul>	City Sanitary Manzanita Transfer Station (CART <sup>™</sup> Recycling) Pacific City Transfer Station (Nestucca Valley Sanitary) Tillamook Transfer Station (Averill Recycling)  “Redeemables” can be returned for deposit at all grocery stores in Tillamook County and are accepted as donation at Habitat for Humanity, 2610 Third St., Tillamook
 <p><b>STEEL CANS</b></p>	<ul style="list-style-type: none"> <li>✓ Most metal food containers are made of steel.</li> <li>✓ Ferrous metals containing iron are attracted to a magnet.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Rinse.</li> <li>✓ Remove labels.</li> </ul>	City Sanitary Manzanita Transfer Station (CART <sup>™</sup> Recycling), Pacific City Transfer Station (Nestucca Valley Sanitary) Tillamook Transfer Station (Averill Recycling) Recycling Depots: Rockaway, Garibaldi, Bay City, Tillamook, Netarts
 <p><b>PAPER</b></p>	<ul style="list-style-type: none"> <li>✓ Paper is the No. 1 material that we throw away; it makes up 35 percent of our waste by weight.</li> <li>✓ One ton of paper made from recycled fibers instead of virgin fibers saves 7,000 gallons of water, 17-31 trees, 4,000 kWh of electricity, and 60 pounds of air pollutants.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Anything that comes in the newspaper can be recycled with the newspaper.</li> <li>✓ Shredded paper can be recycled with mixed paper.</li> <li>✓ Cereal boxes, brown paper sacks, egg cartons, and other non-waxy cardboard packaging can be recycled with corrugated cardboard.</li> <li>✓ Flatten boxes.</li> </ul>	<b>Newsprint</b> is accepted at the following: City Sanitary, Manzanita Transfer Station (CART <sup>™</sup> Recycling) Pacific City Transfer Station (Nestucca Valley Sanitary) Tillamook Transfer Station (Averill Recycling) Recycling Depots: Rockaway, Garibaldi, Bay City, Tillamook, Netarts; Kiwanis Recycling Trailer at Les Schwab, 1220 Main St., Tillamook <b>Magazines and catalogs</b> are accepted at: Manzanita Transfer Station (CART <sup>™</sup> Recycling) Pacific City Transfer Station (Nestucca Valley Sanitary) Tillamook Transfer Station (Averill Recycling) Recycling Depots: Kiwanis Recycling Trailer at Les Schwab, 1220 Main St., Tillamook <b>Mixed Paper</b> is accepted at: Manzanita Transfer Station (CART <sup>™</sup> Recycling) Tillamook Transfer Station (Averill Recycling) <b>Corrugated cardboard</b> is accepted at: City Sanitary Manzanita Transfer Station (CART <sup>™</sup> Recycling) Pacific City Transfer Station (Nestucca Valley Sanitary) Tillamook Transfer Station (Averill Recycling)
 <p><b>PLASTIC</b></p>	<ul style="list-style-type: none"> <li>✓ Plastics are coded by material type, not recyclability or recycled content.</li> <li>✓ By weight, plastics make up about 11 percent of America’s municipal solid waste; 25 percent by volume.</li> </ul>	<ul style="list-style-type: none"> <li>✓ We recycle bottle-neck plastics #1-7; containers with a bottle-neck, regardless of plastic type.</li> <li>✓ Remove lids.</li> <li>✓ Rinse.</li> </ul>	City Sanitary Manzanita Transfer Station (CART <sup>™</sup> Recycling) Pacific City Transfer Station (Nestucca Valley Sanitary) Tillamook Transfer Station (Averill Recycling) “Redeemables” can be returned for deposit at all grocery stores in Tillamook County; also accepted as donation by Habitat for Humanity, 2610 Third St., Tillamook, and other local non-profit organizations. Other plastics such as food containers, butter and yogurt tubs, and rigid plastics are not readily recyclable in Tillamook County. Contact your recycling center for more information about what is accepted.
 <p><b>GLASS</b></p>	<ul style="list-style-type: none"> <li>✓ Glass containers are 100% recyclable.</li> <li>✓ Recovered glass is the main ingredient in new glass containers.</li> <li>✓ An estimated 80% of recovered glass containers are made into new glass bottles.</li> </ul>	<ul style="list-style-type: none"> <li>✓ Remove lids.</li> <li>✓ Rinse.</li> <li>✓ No need to remove labels.</li> <li>✓ Sort glass by color - clear, green, or brown.</li> </ul>	City Sanitary Service Manzanita Transfer Station (CART <sup>™</sup> Recycling) Pacific City Transfer Station (Nestucca Valley Sanitary) Tillamook Transfer Station (Averill Recycling) Recycling Depots: Rockaway, Garibaldi, Bay City, Tillamook, Netarts  “Redeemables” can be returned for deposit at all grocery stores in Tillamook County.
 <p><b>ORGANICS</b></p>	<ul style="list-style-type: none"> <li>✓ Yard debris and food waste (“organics”) make up approximately ¼ of the average household’s waste.</li> </ul>		There is no food waste collection system available to the public. Backyard composting is a great way to reduce your waste and produce a fertile soil amendment. Composters are available for sale at the Tillamook County Public Works office. Call 503-842-3419 for more information. Yard debris (excluding grass clippings) is accepted for recycling at: Manzanita Transfer Station (CART <sup>™</sup> Recycling) Tillamook Transfer Station (Averill Recycling)
 <p><b>HOUSEHOLD HAZARDOUS WASTE</b></p>	Many products can hurt people, fish and wildlife. Never dispose of household toxics down the drain, on the ground, in a storm drain or garbage can.		Tillamook County has traditionally sponsored an annual collection event offered free to the public. A permanent household hazardous waste collection facility is expected to be operational this spring at the Tillamook Transfer Station. If you are unable to hold onto your household hazardous waste until collection is available in Tillamook County, the closest facility is the Metro Central Station, located at 6161 NW 61st Ave., Portland. Visit <a href="http://www.oregonmetro.gov/garbage">www.oregonmetro.gov/garbage</a> for more information.

For additional information on recycling in Tillamook County, please visit our website at [www.co.tillamook.or.us/gov/solidwaste](http://www.co.tillamook.or.us/gov/solidwaste).

**City Sanitary**  
 (Operated by City Sanitary Service)  
 2303 11th Street, Tillamook  
 (503) 842-6262  
 Mon.-Fri., 8 a.m.-5 p.m.

**Manzanita Transfer Station**  
 (Operated by Cart<sup>™</sup> Recycling)  
 34995 Necarney Rd., Manzanita  
 (503) 368-7764  
 Thurs.-Sun, 10 a.m.-4 p.m.

**Tillamook Transfer Station**  
 (Operated by Averill Recycling)  
 1315 Ekloff Rd., Tillamook  
 (503) 842-2431  
 Open daily, 8 a.m.-4 p.m.

**Pacific City Transfer Station**  
 (Operated by Nestucca Valley Sanitary)  
 38255 Brooten Rd., Pacific City  
 (503) 965-6898  
 Fri.-Sun., 10 a.m.-4 p.m.