





# Waste Wisdom

By Guest Columnist Kate Eskew

## 6 Days, 1.37 Miles, 315 Pounds

What sounds like something that could be straight from an episode of *The Amazing Race* or the results of a too-good-to-be-true diet program are actually the results from the microplastic cleanup on Neahkahnie Beach in Manzanita, Oregon. In six days, volunteers from Manzanita, visitors, Intel Corp. and New Seasons Market worked with the Sea Turtles Forever, Blue Wave Team to remove an astounding 315 pounds of plastic and other debris (sticks). The other debris accounted for about 15% of the weight.

The conditions were extreme the entire week. While it was sunny, the wind howled all day, every day. I was moved to tears more than once watching everyone work. They were all smiles even as the wind exposed more plastic in an area that they had just cleaned. They just held their ground and continued their work. And yet, as the days continued on, they did move. Little by little they managed to clean 1.37 miles of beach - not once but TWICE!!! Anyone playing down on that nearly two mile stretch of beach this summer is going to have a happy, healthy summer indeed.

We learned a lot about running an operation on that beach during the week. We are looking forward to applying our new knowledge to the entire 7 miles. The more we stay on top of this, the easier it will be for years to come.

Years to come, you ask? Yes. Until the source is eliminated, we will continue to have those little shards make landfall every winter. The source is the Pacific Garbage Patch. This plastic is old. It dates back to the 1950's. It's full of toxins. It's unsightly and it's surprisingly easy to clean up on the land.

We couldn't have done this project without the help of your fantastic community. Businesses, residents, Intel, and lovers of the Oregon Coast donated the money that made the project possible. CARTM and Sea Turtles Forever made sure those funds went straight to the beach work. Tillamook County Solid Waste purchased the screens required to do sand filtration. New Seasons Market brought food for the volunteers. The outpouring of support was fantastic.

This is now a part of my life's work. This is born from a time when I was severely depressed and needed to latch onto true hopeful action. It took me years to be well enough to take this action but it was one of the sources that fueled my recovery. Now, and as long as I'm alive, I'll be advocating, fundraising, organizing, and supporting cleanup operations. Marc Ward of Sea Turtles Forever has made it easy to take action. If you want to know more about his work, check out Marc's web site: [www.seaturtlesforever.org](http://www.seaturtlesforever.org). And if you make a donation, please earmark it for Manzanita or Neah-kah-nie Beach. Thank you.

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Volunteers screen microplastics from sand on Neah-kah-nie Beach in June. **Inset:** Microplastics in the sand.

# Cleaning up the beach

## Volunteers help remove microplastics on our beaches

Pictures of birds and turtles trapped in plastic bags or six-pack rings have circled the globe, and we are also familiar with pictures of skeletal bird remains full of plastic in their stomach cavities. SOLVe and other organizations have been responsible for removing over seven tons of garbage and other waste debris from our beaches this spring.

But less known is the invasion of microplastics on our beaches. Microplastics are pieces of plastic less than 5 mm in diameter. As plastics in the ocean are subjected to UV rays, they break down, and the small pieces eventually get caught up in storms and wash up on beaches. The process may take decades to occur, but sooner or later, those plastics will break down and wash up on shore. Because of the constant winds, microplastics are often covered or nearly covered with a thin layer of sand, and often go virtually unnoticed to the casual observer.

But birds, animals and fish see it

and often mistake the small colorful flecks as food, and eat it and feed it to their young – most often resulting in death. The danger is not limited to wildlife, but to humans as well. Children, generally more likely to be playing or sitting in the sand have increased chances of exposure and are often attracted to “colorful pieces of sand.” And bonfires are often located along the high tide line, which coincides with the microplastics line. Here we not only sit on the contaminated sand, we unknowingly burn the plastics hidden there, roasting our marsh-mallows in chemicals and breathing the burning toxins.

Anyone interested in learning more about microplastics and their effect on the environment should talk to Marc Ward, in Seaside, who has developed a method to screen microplastics out of sand. Ward has been organizing staff and volunteers in cleanup efforts in Clatsop County, and this year he spent a week in Manzanita, where over 100

individuals volunteered their time to rid 1.37 miles of beach of 315 lbs. of microplastics.

“This was a heroic effort, but we’re not finished yet,” said David McCall, Solid Waste Program Manager. McCall saw the benefit in purchasing four screens so that future cleanup campaigns could be organized here and in other locations in Tillamook County. “We need to be able to organize people, and supply them with the resources necessary to keep our beaches healthy and clean. SOLVe and other organizations do a great job organizing cleanups of beaches and estuaries, but that is only for large pieces of waste. Microplastics are different. But the areas affected by microplastics also change with each storm season, depending on currents, storm velocity, and a host of factors we do not truly understand.”

For more information, or to get involved in a cleanup campaign, contact the Solid Waste Department.

## New Life for Old Inner tubes

Many people enjoy riding around town on their own two wheels rather than using four wheels to move a ton of metal, but one of the drawbacks to a bicycle is they get a lot more flat tires than a car usually does. But then again, it is also easier to fix your own bike tire than to try repairing a car tire.

Now we have an opportunity to give that bicycle inner tube which cannot be fixed another life!

The Solid Waste Department has teamed up with Cycle Dog, an "Earth Friendly Pet Company" based in Portland. "When I met Lanette Fidrych at the Association of Oregon Recyclers' conference, I had this feeling that people will love this concept," said David McCall, Tillamook County Solid Waste Program Manager. "Tubes will be collected at a few locations, and when we get enough for a shipment, they will be shipped to Cycle Dog's facility in Portland, where they are sorted, graded, and upcycled. We hope to be able to not only collect tubes, but also return those tubes to our local community around the necks of our furry friends." Most tubes find a new life as dog collars or leashes, but the sewing team has also developed several other products out of tubes.

Three locations have begun collecting used bicycle tubes for the initial project:

- Trask Mountain Cycle (3317 Third St., Tillamook)
- Beach Freedoms (Highway 101 and S 6th Ave., Rockaway Beach)
- CARTM (Manzanita Transfer Station)

For more information, contact the Solid Waste Dept.



Collected yard debris at Tillamook Transfer Station, soon to be composted.

# The Green Machine cleans up

This will be the third and final year the Oregon Department of Forestry (ODF) offers their free Yard Debris disposal program. Through this program, any resident who picks up and fills out a voucher can drop off up to 9 cubic yards of yard debris per voucher at any of the three Tillamook County transfer stations free-of-charge. (The voucher at the bottom of this page can also be cut out and used.)

This year the burn ban was implemented earlier than usual, and we are at a high risk of forest fires. According to the National Park Service, up to 90% of forest fires stem from human activity, and much of that from backyard burning. The collection of yard debris reduces that risk. "The whole idea of this program is also

to have homeowners think about defensible space around their homes and make sure that their homes are defensible against wildfires," said David Helmricks, permanent forest officer with ODF's Tillamook District.

During the first year of the program, we collected 192 tons of yard debris, and just under half of that was through the ODF program. In 2014, the second year of the program, we collected 484 tons of yard debris, and 275 tons of that was through the ODF program. This represents a 2% increase in our countywide recovery rate. More than 3,000 residents participated by dropping off yard debris.

During the first six months of 2015 we collected 240 tons of yard debris, half of it

through the first two months of the ODF program. "We have seen much drier yard debris this year, which is a reflection of the dry weather we have been experiencing," said David McCall, Tillamook County Solid Waste Program Manager. "This makes it all the more important to clean up those brush piles, and reduce the chance of spreading fires. ODF has been a great partner in this project, and a lot of people have benefitted. And I am sure we have prevented a couple of fires in the process."

"An added benefit is that by not burning this debris, but producing compost, we reduce CO2 emissions, reduce particle contamination, and produce nutrient-rich compost, which reduces the need for artificial fertilizers," McCall added.



VOUCHERS ARE WORTH 9 CUBIC  
YARDS OF YARD DEBRIS  
MAY 1<sup>ST</sup> - SEPTEMBER 30<sup>TH</sup>  
PRESENTED BY THE  
OREGON DEPARTMENT OF FORESTRY



Safety Message: Please cover your yard debris load with a tarp.

**NO COMMERCIAL USE**

NAME: \_\_\_\_\_

PHYSICAL ADDRESS: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

VEHICLE LICENSE NUMBER: \_\_\_\_\_








DATE: \_\_\_\_\_



# Materials collected by drop-off sites

IN TILLAMOOK COUNTY DURING TRANSFER STATION OPERATING HOURS

\$ = FEE FOR DISPOSAL

	TRANSFER STATIONS				RECYCLE SHACKS			
	Tillamook	Manzanita	Pacific City	City Sanitary	Bay City	Garibaldi	Rockaway Beach	
<b>PAPER</b>								
 NEWSPAPER	■	■	■	■	■	■	■	
CARDBOARD	■	■	■	■	■	■	■	
MIXED PAPER	■	■	■	■	■	■	■	
MAGAZINES	■	■	■	■	■	■	■	
OFFICE PAPER	■	■		■				
<b>CANS</b>								
 METAL	■	■	■	■	■	■	■	
ALUMINUM	■	■	■	■				
<b>PLASTICS</b>								
 BOTTLES	■	■	■	■	■	■	■	
OTHER PLASTICS	■	■						
FLEXIBLE FILMS	■		■	■				
<b>ORGANICS</b>								
 WOOD	\$	\$						
YARD DEBRIS	\$	\$	\$					
<b>APPLIANCES</b>								
 REFRIGERATOR	\$	\$		■				
WASHER/DRYER	■	■	■	■				
DISHWASHER	■	■	■	■				
TV/COMPUTER	■	■	\$					
<b>MISCELLANEOUS</b>								
 TIRES	\$	\$	\$					
SCRAP METAL	■	■	■	■				
GLASS	■	■	■	■	■	■	■	
ASPHALT SHINGLES	\$	\$						
TAR PAPER	\$	\$						
<b>HOUSEHOLD HAZARDOUS WASTE</b>								
 PROPANE TANKS	■	\$						
MEDICAL SHARPS			\$	\$				
MOTOR OIL	■	■						
BATTERIES	■	■	■					
COOKING OIL	■	■						
BALLASTS w/o PCBs	■	■						

## Participating Transfer Stations

### Tillamook Transfer Station:

1315 Ekloff Rd • Tillamook, OR 97141 (off Tillamook River Rd 3 miles south of the City of Tillamook) On site phone number: 503-842-4588 Hours: 8:00 am - 4:00 pm Seven days a week

### Manzanita Transfer Station:

34995 Necamey Rd • Manzanita, OR 97130 (between Manzanita and Nehalem) On site phone number: 503-368-7764 Hours: SUMMER (Memorial Day Weekend through Labor Day Weekend): Thursday through Monday, 10:00 am - 4:00 pm

### Pacific City Transfer Station:

38255 Brooten Rd • Pacific City, OR 97135 (2 miles SE of Pacific City) Office phone: number: 503-392-3438 Hours: 9:00 am - 4:00 pm Friday and Saturday only, also open Sundays through Labor Day.

### Acceptable Yard Debris Items:

tree limbs, leaves, yard and lawn clippings, branches, twigs, shrubs, weeds, woody debris, rose bush clippings

### Unacceptable Items:

tree stumps, no household trash or plastic bags, sod with dirt



### TAKE CONTROL!

Help reduce your risk of wildfire in just a weekend. Create a defensible space, a 30' non combustible zone around your home. Defensible space is an effective method to reduce your risk against wildfire.



## Be informed quicker

Would you like to be informed regularly, quickly, and electronically about what's happening in our county solid waste program?

In addition to the quickest option, social media (**We're on Facebook**) you can also sign up to receive notifications and articles via email blasts.

"We aim to put out a short newsletter every six weeks or so, including information on upcoming events and new opportunities to recycle," said Sue Owens, the Solid Waste Department's Outreach and Education specialist. "This way people will not have to wait several months for the next edition of Waste Wise. Eventually we would like to offer the option to "opt out" of the paper version, but first we need to build an electronic base."

To sign up for the electronic newsletter, visit our website at [www.co.tillamook.or.us/gov/SolidWaste](http://www.co.tillamook.or.us/gov/SolidWaste) or send an email to: [recycle@co.tillamook.or.us](mailto:recycle@co.tillamook.or.us)



## Special Collection Events

### HOUSEHOLD HAZARDOUS WASTE

#### IN TILLAMOOK

PAINT	■
PESTICIDES	■
ANTIFREEZE	■
CLEANERS	■
DISINFECTANTS	■
AEROSOL CANS	■
BATTERIES	■
FLUORESCENT BULBS	■
BALLASTS	■

#### IN MANZANITA

PAINT	■
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# How much danger is stored in your garage?

The residents of Tillamook County have proven that the investment in the Household Hazardous Waste collection facility was justified. During the calendar year 2014, approximately 55 tons of hazardous waste was collected from residents. This translates into over 4 pounds per person, which is nearly two-and-one-half times as much as successful programs in cities like Portland or Seattle.

Two of the most popular types of waste dropped off for recycling were paint and florescent light bulbs. Over 2,900 gallons of paint were dropped off and recycled, which is enough paint to cover approximately 700,000 square feet. This is the equivalent of all the office space in the Bancorp Tower. Now that much of that latex paint is being recycled locally, we can cover many more

local walls with this valuable commodity, rather than shipping it away for recycling elsewhere. (All oil-based paint is still shipped to an out-of-county facility where it is used as an alternative energy source.)

In addition to four 50-gallon drums of compact florescent light bulbs, a total of 10,848 feet of light tubes were also shipped to a recycling facility in Seattle. If you were to lay these light tubes end-to-end, beginning at the county courthouse, at the other end you would be able to choose between having a latte at Five Rivers Coffee Roasters or sampling cheese at the Cheese Factory.

Residents can drop off their household hazardous waste (HHW) free-of-charge on the first Saturday of most months between 9:00 am

and 1:00 pm. The facility accepts not only paint and light bulbs, but also household cleaners and chemicals, insecticides and pesticides, aerosol cans, batteries, mercury thermometers, fire extinguishers, as well as motor oil, antifreeze and propane tanks. (Ammunition and unused drugs are not accepted at the HHW facility, but are accepted at the Sheriff's Department.)

## Upcoming collection dates are:

August 1, 2015  
September 12, 2015  
October 3, 2015  
December 5, 2015

February 6, 2016  
March 5, 2016  
May 7, 2016  
June 4, 2016

Businesses which generate less than 220 pounds of hazardous waste per month can participate in the small generator program, or CEG program. This is an opportunity for businesses to properly dispose of their hazardous waste locally in Tillamook, at a cost considerably lower than out-of-county contractors usually charge, and without the risk of having to haul those materials to Portland or Salem. Businesses are charged a fee based on the quantity of materials they drop off, and advance registration is required. Business collection dates are scheduled for October 2 in 2015, as well as March 4, June 3 and September 30 in 2016. For more information, contact the Solid Waste Department.



City Sanitary Service's lot at 2303 11th Street in Tillamook.

## Les means more in Tillamook

### Collection site behind Les Schwab merges with City Sanitary Service's recycling depot

"Even though people could only drop off a limited selection of materials, the newspaper collection trailer behind Les Schwab in Tillamook has been a fixture in our community for decades," said Bill Hatton, president of the Tillamook Kiwanis Club. But as times changed, newspapers became thinner, and the value of old newspapers dropped, the value of this location decreased. "Fortunately, David McCall approached us with a new idea at the right time. David proposed merging the collection site behind Les Schwab with City Sanitary Service's recycling depot on 11th Street, and convinced us that it could be better. We sat down with the new owners of City Sanitary Service, and agreed on a long-term cooperative effort, which we implemented at the end of December 2014."

According to the arrangement, not only newspapers, but also magazines, white and colored paper, junk mail, and almost everything which arrives in your mail box can now be mixed together and dropped off in one box. Nearby boxes accept cardboard, glass, metals, and many types of plastics – all at one convenient location. "Our lot serves the community, and we are happy to report that the cooperation with Kiwanis has been successful. If someone needs assistance, we have people nearby who can help them," said Robert Poppe, one of the new owners of City Sanitary Service. "My cousin Ron Walker and I are happy to be able to work together with Kiwanis in this way. Kiwanis provides a good service to our community, and the consolidation of these two sites has resulted in a much better opportunity for

everyone. As a result, we have seen the quantity of paper collected increase over the past six months."

Even though the quantities have gone up, changes in the recycling markets have resulted in the value for old newspapers dropping significantly. "Rather than hauling newsprint to a mill in Newberg, we now have to haul it to a mill in Washington State," said Aaron Averill, operations manager for Don G. Averill Recycling. "But we got together with City Sanitary and combined our loads, so that we could cut down on transportation costs. We're happy that we were able to use our trucks to take advantage of this opportunity, so that the hauling costs don't eat up all the revenues. This way Kiwanis is still able to support what they do in the community, and we're happy to do our part."

## For additional information on recycling in Tillamook County:



### Tillamook Solid Waste

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

Monday - Friday  
9 a.m. - 5 p.m.

Saturday  
9 a.m. - 3 p.m.

### Manzanita Transfer Station

(Operated by CARTM Recycling)

34995 Necarney Road, Manzanita  
(503) 368-7764

Thursday - Sunday  
10 a.m. - 4 p.m. during Winter

Thursday - Monday 10 a.m. - 4 p.m.  
Memorial Day through Labor Day

### Tillamook Transfer Station

(Operated by Don G. Averill Recycling)

1315 Ekloff Road, Tillamook  
(503) 842-2431

Open Daily  
8 a.m. - 4 p.m.

### Pacific City Transfer Station

(Operated by Nestucca Valley Sanitary)

38255 Brooten Road, Pacific City  
(503) 965-6898

Friday - Saturday  
9 a.m. - 4 p.m. During Winter

Friday - Sunday  
9 a.m. - 4 p.m.  
Memorial Day through Labor Day



Nestucca Valley Elementary student council members with their raised garden bed made of recycled plastic bags.

## Just Bag It!

We all know plastic bags are not good for the environment, and it causes us to ask ourselves, what can we do about them? Obviously, the best thing we can do is to attempt to avoid getting them in the first place. And, many of us are making great strides in this effort by refusing any bags for small purchases, requesting paper alternatives, or bringing our own reusable bags. Yet, regardless of how diligent we are, we still seem to find them filtering into our homes on occasion. The problem is what to do we when we get them?

Many of us reuse them for various household things like garbage bags, doggy-doo bags, and some have even crocheted purses out of them, but seriously, how many can we reuse? Most of us have at least a small stash of them in our closet or cupboard.

Help is here! Thanks to a cooperative effort between the Wrap Recycling Action Program (WRAP), Tillamook County Solid Waste Department and several operators, people can now drop off their clean, dry bags, film, and air pillow packaging at several locations in Tillamook County:

- **Fred Meyer**, 2500 North Main Street, Tillamook
- **Safeway**, 1815 4th Street, Tillamook
- **City Sanitary Service**, 2303 11th Street, Tillamook
- **Tillamook Transfer Station**, 1315 Ekloff Road, Tillamook
- **Pacific City Transfer Station**, 38255 Brooten Road, Pacific City

In case you are curious about what happens to the collected plastics, they are not made into more bags but are baled and transported to a plant which converts them into plastic lumber.

Last November, several Tillamook County schools collected plastic films as part of an America Recycles Day contest and were rewarded with cool prizes. (There are plans to do this contest again in 2015 so be watching to see if your local school could use your bag support!)

Remember though, the best thing we can do is to avoid them in the first place! Next time you go shopping don't forget your (reusable) bag!



**Plastic Films include:** Air pillows, grocery and retail bags, case wrap, newspaper bags, produce bags, food storage bags, napkin, paper towel, bathroom tissue and diaper wrap packaging.



The cascade aeration trial aims to decrease iron in the leachate.

## Closed, but not forgotten

### Tillamook Solid Waste works with the EPA and DEQ ensure the old dump sites pose no risk of contamination to the environment

Many people still claim to take their garbage to "the dump," even though all municipal solid waste (garbage) has been transferred from Tillamook County since 1989. Many people don't even realize that our garbage is now disposed of in a sanitary landfill near Corvallis. One may ask if anyone ever thinks about all that garbage buried in the ground that we used to call "dumps" but where we now have transfer stations. Does anyone even think about those sites?

Yes, some people spend LOTS of time thinking about this, and our county solid waste manager is one of them. "The County has an obligation to inspect and maintain our closed landfill sites for at least 30 years," said David McCall. "As part of the long-term commitment to ensure the old dump sites pose no risk of contamination to the surrounding environment, we are working with the EPA and DEQ to make sure that there are no contaminants and that these sites pose no danger to the environment.

Specialists took soil and ground water samples from locations on and around the Manzanita and Pacific City dump sites in February. Both sites were closed as dump sites and converted into transfer stations in the early 1980s. We have no indications of any problems, and the results from these samplings will help determine whether any further monitoring is necessary."

The Tillamook site has posed a larger challenge. In the early 1980s, a collection system was installed to collect leachate from the landfill. Leachate is the term used to describe the liquid produced as a byproduct of organic decomposition. Because a landfill contains not only fruit, vegetables and yard debris, but many types of waste, leachate is often a complex combination of various elements. Unfortunately, in our case, there are also several springs in the old landfill, diluting the leachate. The site is currently regulated under an active permit from the DEQ. The Solid Waste Department would like to transition

into a custodial care position, under which the diluted leachate would be treated in a passive treatment system, eliminating the need for pumps, electricity and constant oversight and maintenance. "For the past 18 months we have been monitoring outflows, and we are currently conducting various trials to see which methods can best remove the remaining contaminants from our diluted leachate," said McCall. "We hope to be able to begin construction on a passive treatment system in 2016, so that we can eventually transition into a custodial care obligation for this site." He explains that together with the county's consultants, Parametrix, it has been found that the passive treatment method proposed is groundbreaking technology, with few similar case studies available. This means it will probably have to be monitored for another decade or two, but with much lower expenses involved. "What we do here will serve as an example to other sites encountering similar challenges."

# Follow us to the Farmers Markets

The Solid Waste Department is proud to be able to work closely with the Tillamook and Pacific City Farmers Markets in providing more opportunities for residents and visitors to reduce, reuse and recycle. In a cooperative effort which started before the market season, several steps were taken this year:

- During the Home & Garden Show, coffee was served in compostable cups. Those cups were then collected and used to plant seeds.
- The seeds sprouted and grew into plants which were available on a first come, first served basis on opening day of the markets.
- Plastic water bottles have been replaced with water refilling stations, as well as refillable water bottles. Visitors can now fill up their water bottles at no cost at the market trailer/booth each week.
- During the last month of the market Solid Waste Department staff will be on hand to assist food vendors and customers in an innovative upcycling and waste reduction campaign, which is intended to get people thinking while they enjoy themselves at the farmers market. (Visit the market for more information!)

“It has been great to work with the Solid Waste Department and provide these opportunities for our visitors,” said Dawn



Farmers market visitors can refill and refresh without creating waste.

Beyer, who is market manager at both Tillamook and Pacific City. “We would not have been able to make this happen on our own, but thanks to David and Sue, we were able to roll this out. People have been really receptive, and the water refreshing station is something which definitely gives people a much better experience at the market. This is an investment which will last for years, and we can’t wait to get the Master Recyclers involved as well.”

The Tillamook Farmers Market is located on Laurel Avenue between 1st and 3rd Streets, Saturdays 9:00-2:00 thru September 26th.

The Pacific City Farmers Market is located at the corner of Camp Street and Brooten Road, Sundays 10:00-2:00 thru September 27th.



Paint flows out of the new recycled paint system

## A colorful solution

Locally collected latex paint benefits the local community. “A lot has changed on the paint front during the past year, and Tillamook County is able to benefit from those changes,” said Commissioner Tim Josi. “David McCall, Tillamook County’s Solid Waste Program Manager, developed a system in which the latex paint collected at CARTM and the HHW program is bulked into 275 gallon totes, separated into seven colors. The paint goes through three filters before being packaged for sale. Before this, our paint was sent first to Washington, then to Metro for recycling, so even though we collected it here, it wasn’t available locally. This system enables us to recycle our latex paint locally, which means that our local community has access to this paint at a reduced cost, and we all win.”

Josi made these comments following the signing of a new contract with PaintCare, Inc., which collects 75 cents on every gallon of paint sold in the state. When difficulties arose between several counties and PaintCare last year, Josi “took the brush by the handle”. As the representative for 19 western states on the National Association of Counties (NACo), Tim agreed to chair a committee to work through the problems. As a result, PaintCare now supports Tillamook County’s efforts, and pays us and other counties in exchange for reduced transportation and processing costs.

Tillamook County’s recycled paint is available while supplies last at a cost of \$24 for a 3.5 gallon bucket.

### Recycled paint is available at these locations:

- CARTM in Manzanita
- Habitat for Humanity’s ReStore in Bay City
- Tillamook County Public Works in Tillamook

## True or False?

No one cares if you lose garbage from your vehicle while driving down the road.

**False!** Not only do people care, you can be fined up to \$260 for a leaking/shifting load.

Deputy Jungling, Code Enforcement Officer for Tillamook County Solid Waste reports that he gives an average of 5 warnings or tickets per month for not securing their load as they make their way to the transfer station. And those are just the ones who are caught.

As you load your vehicle for a trip to the transfer station, make sure you put a tarp or net or other method of security to make sure nothing will blow out or leak as you travel down the highway. Deputy Jungling states the

most common error is garbage bags stacked too high and too loose, a problem easily remedied with a few extra moments of care while loading.

“Securing your load is not just a nice thing to do, it’s a class B traffic violation,” says Deputy Jungling, “ORS 818.300 addresses the requirements of securing your load and the penalties imposed if you don’t.”

**Useful tips to secure your load include:**

- Using tie-down straps to secure large items directly to your vehicle.
- Cover your load with a tarp or cargo net.

- Put the heavy items on top to hold the lighter ones in place.
- Don’t overload your vehicle.
- Always double-check before you start driving to make sure you have everything secured.

“People are becoming more aware and the problem seems to be improving,” states Deputy Jungling, “but remember, if you are caught losing some of your load, the fine can be a great deal more than the cost of the few minutes it takes to secure your load.”

For more information contact Deputy Jungling at 503.842.3419

# Managing the greens greenly

Last spring Kilchis House Assisted Living manager, Debbie Meier received a nuisance letter from Tillamook City stating that they had to clean up the overgrown ditch running along their property on Marolf Loop. Not having much choice at the time, Meier hired a local lawn care company to tend to the problem at a price they would rather have avoided. This year, as she watched the spring growth once again threatening to be a problem, Meier wondered about possible alternatives when she remembered one of her staff members raised goats. She questioned Megan Dowers if the goats might be a viable solution. Megan discussed it with her husband and literally overnight, Dowers' Goats opened for business.

Megan's husband, Glenn Dowers painted their name and number on the sidewall of their pickup sideboards and loaded three goats for their first ride to Kilchis House where they quickly adjusted to the city noises and traffic and settled in for a tasty few days of hard-to-mow grass and brush. Never left unattended, Dowers stands nearby in case there is any problem with the four legged brush cutters. Being their first time staked out and so close to traffic, Dowers was concerned they might be a little



Determined to finish this section by quitting time, "Ice" continues to munch undeterred by passersby.

nervous, but after the first few cars passed by, they had adjusted and were oblivious to the curious on-lookers driving and walking by.

Affectionate animals, "Cloud," "Ice" and "Wilson," the three young bucks (males) munching away seem very happy with their new jobs in vegetation management.

Having seen a similar "Rent-a-Goat" system on an OPB special, Dowers had already been formulating ideas for his own business when this opportunity came up enabling him to quickly respond to Meier's call for help. Dowers anticipates that it will take the three goats about three days to clear the 100 foot stretch. "I have some portable fencing I can use for

larger projects," Dowers states. "I can also bring more animals." He looks at this experience as a pilot project for future opportunities and is excited about the possibilities of this natural form of vegetation management. "To my knowledge, no one else in the area offers this kind of service," Dowers states.

Meanwhile, back at the ranch, Meier is elated. Not only is this cost effective, it's environmentally friendly as well. I guess you could say this is a happy ending to a baaaaad problem.

For more information on this natural approach to brush management, contact Dowers at 503-842-1125



**Tillamook County Master Recyclers:** Back row, L to R: Bob Jeans, Pam Shabatara, Paul Robison, Becky Robison, Stephanie Lewis, Solid Waste Program Manager David McCall, Maria Valenzano-Prince, Peggy Weitman. Front row: Karen Reddick-Yurka, Emily Dana, Terri Stevens, Anna Travers, Outreach and Education Specialist, Sue Owens.

## Tillamook County Master Recycler Class October 15-17 at TBCC

The students flock to her after our story, eager to talk about her recycling hat. As a one of the graduates of Tillamook County's first Master Recycler class, Maria Valenzano-Prince has eagerly jumped into fulfilling her volunteer time commitment by visiting the local schools alongside the County's Outreach and Education Specialist, Sue Owens. Nearing the end of her first year as a Master Recycler, Maria and her co-graduates are completing their 30 hour commitment. Many of them assisted with the second Master Recycler course offered in April, 2015. Interested people can earn the same education and opportunity by attending a Master Recycler course.

Students in the Master Recycler course participate in a 20-hour intensive course that covers general, historical and local aspects of recycling. The course is facilitated by Tillamook County Solid Waste Department and is taught not only by them, but by experts in the field offering students a chance to interact with people who work in the field. As part of the course, students tour local facilities as well as an extended field trip to out of county facilities. The course is

free and all that is asked in return is to be recycling advocates in their personal circles of influence and volunteer 30 hours a year to the program.

"We are excited to be working with Tillamook Bay Community College as a partner for our future courses," states Owens, who is the coordinator for the course. "This is an educational opportunity so it's a perfect fit with the College." The next class is scheduled for Thursday thru Saturday, October 15-17, 2015 at TBCC's Tillamook campus.

Community members should feel free to approach Master Recycler graduates: Bob Jeans, Karen Reddick-Yurka, Anna Travers, Maria Valenzano-Prince, Leland (Ron) Zuercher, Emily Dana, Stephanie Lewis, Becky & Paul Robison, Terri Stevens, Pam Shabatara and Peggy Weitman for questions about waste reduction, reuse, and recycling. You may well see them volunteering their time and knowledge at various community events during upcoming months!

For additional information, contact Tillamook County Solid Waste at 503-815-3975 or email Sue Owens at [sowens@co.tillamook.or.us](mailto:sowens@co.tillamook.or.us)

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#### TILLAMOOK COUNTY HHW

1315 Ekloff Rd  
(503) 815-3975

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**OCTOBER 3, 2015 • DECEMBER 5, 2016**  
**FEBRUARY 6, 2016 • MARCH 5, 2016**  
**MAY 7, 2016 • JUNE 4, 2016**

[www.co.tillamook.or.us/gov/solidwaste](http://www.co.tillamook.or.us/gov/solidwaste)

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