



Ebb Tide



Vol. 12, Issue 6

The Newsletter of WSU Snohomish County Extension Beach Watchers

JUNE 2017

Index

Meeting News	Page 1
Feature Article	Page 2
Educational Opportunities	Page 4
Volunteer Opportunities	Page 8
Working Group Leads	Page 14
Project Spotlight	Page 14
A Wavy Column	Page 15
Wish List	Page 16
Member News	Page 17
Beach Watcher Highlights	Page 18

WSU Snohomish County Extension Beach Watchers gratefully acknowledge the financial support from our partners.



Meeting News

Beach Watcher Meetings
Jennings Park Barn, 6915 Armar Rd, Marysville
10 AM – 12:30 PM

Tuesday, Sep 19th

Speaker: Dr. Scott Pearson, WA Fish and Wildlife
Presentation: *Seabirds*

Wednesday, Nov 15th

Speaker TBA

All Meetings Agenda

10 AM – 11 AM	Beach Watcher News / Updates
11 AM – 12 PM	Guest Speaker
12 PM – 12:30 PM	Mingle and Clean Up

Feature Article

Water Sampling: What Are We Sampling For?

By Cheryl Jensen, Class of 2016

Beach Watchers are involved in sampling the water at multiple beaches in Snohomish County this summer. The beaches include Edmonds Underwater Park, Edmonds Marina, Picnic Point, Mukilteo, Howarth Park in Everett, Jetty Island, Mission Beach and Warm Beach. The program has grown since its inception. Beach Watchers coordinated with the Tulalip Tribes to sample Mission Beach for the first time in 2016. Warm Beach is new for the 2017 sampling season and is a cooperative effort between Beach Watchers, the Stillaguamish Clean Water District and Snohomish County.

To participate, Beach Watchers are trained in the Department of Ecology (DOE) program called BEACH (Beach Environmental Assessment, Communication and Health). To sample at Mission Beach in Tulalip, volunteers must take a similar course offered by the Tulalip Tribes. Sixteen volunteers took the BEACH training this year and nine took the Mission Beach training. The program had a similar number of volunteers trained last year. Twenty-six volunteers are participating this year including one volunteer from the Clean Water District.

The goal of these programs is to identify unhealthy levels of bacteria in the water that would make the area unsafe for swimming.

Three samples are taken weekly at each beach. Sampling is conducted using autoclaved sterile bottles, a thermometer, and salinity gauge. A Field Data Form is completed weekly for each sampled beach. Pertinent information collected includes: tide height and phase, wind direction and speed, whether it had rained recently, current weather conditions, water temperature and salinity. Additionally, the collection form asks for the number of people, dogs and birds on the beach and the amount of algae or seagrass present, if any. Whether waves are breaking on the beach is also a factor.



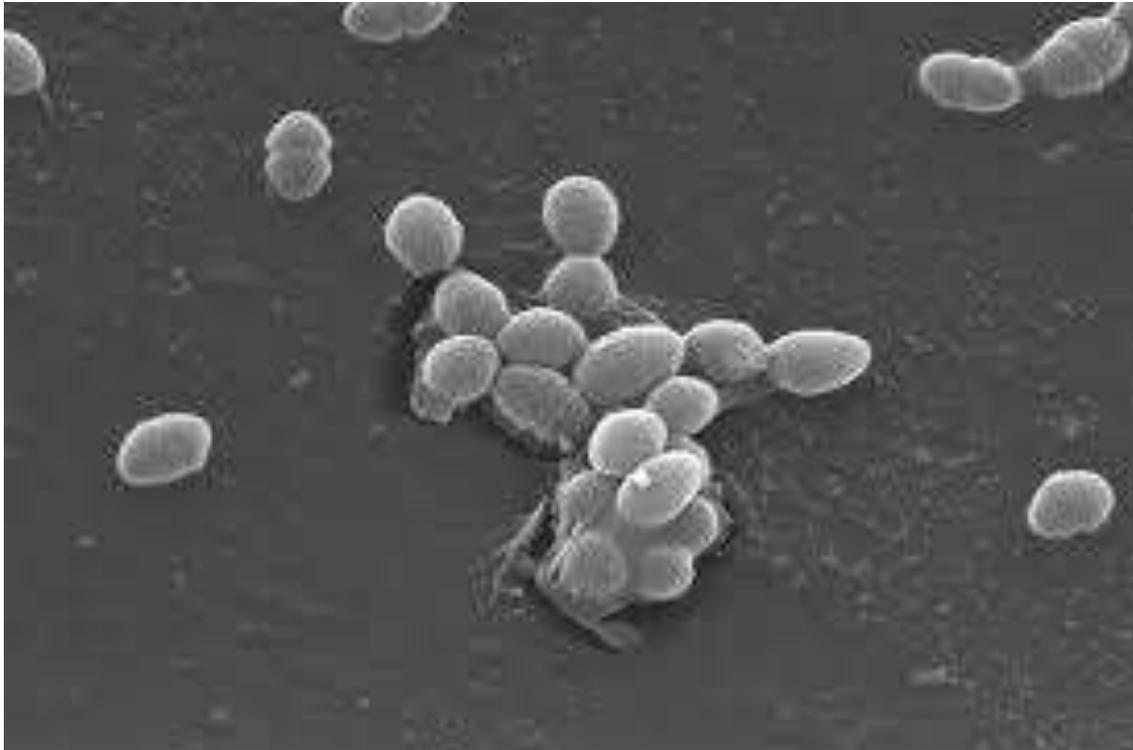
Volunteers gather samples in autoclaved sterile bottles obtained from the respective labs. Mud, wave action and weather affect the difficulty of obtaining samples. Long poles can be used to add reach when necessary. The samples must be free of particles like sand and seaweed. Sampling times are determined based on tide height and time for North County beaches. Since both labs have a 2 PM cutoff time, all samples must be collected and delivered prior to 2 PM. Samples are stored in a cooler on ice until delivery. They must be kept cool (about 50 degrees Fahrenheit) after collection to prevent bacterial growth that would affect the results. Mission Beach samples are delivered

directly to the lab at Tulalip. All other samples are delivered to the Everett Environmental Lab at the wastewater treatment plant near Langus Riverfront Park.

Chis Merwede, Water Quality Process Analyst at the Everett Environmental Lab, says water samples are analyzed for *Enterococcus*, a kind of bacteria found in the gut and feces of humans and animals. *Enterococcus* can enter our waters by several avenues, including sewage overflow and

drainage runoff. Rain washes wild and domestic animal droppings and runoff eventually carries the bacteria into lakes and Puget Sound.

Figure 1. A picture of *Enterococcus faecalis* (from Wikimedia Commons)



By Janice Haney Carr, Centers for Disease Control and Prevention Public Health Images Library

To process water quality samples, the lab requires a volume of 100 milliliter (100 ml) of the water sample for testing. The test looks for something called a Colony Forming Unit (CFU). A Colony Forming Unit will contain at least one viable *Enterococcus*. The lab then counts the number of CFU's per 100 ml.

The Department of Ecology (DOE) website lists the following meanings for the sample results:

< 10	No fecal bacteria could be detected
10 - 104	Some fecal bacteria detected, but the beach is still within EPA's water quality limits
> 104	Fecal bacteria levels exceed EPA's water quality limits

At the BEACH Program training we learned that if the sample contains fewer than 104 CFU's the beaches stay open. Samples containing 105-276 CFU's are immediately resampled to confirm the high levels of *Enterococcus*. If the second sampling also produces results within that high range, a *CAUTION* advisory is posted at the beach in question (Figure 2). Samples with >276 CFU's are also resampled and if levels are still >276 the beach is closed and *WARNING* signs are posted (Figure 2). According to Yolimar Rivera, Natural Resource Projects Coordinator, when this occurs DOE works with the Department of Health to notify the public via other media in addition to beach signage. The status of all beaches being monitored by DOE can be found at <https://fortress.wa.gov/ecy/coastalatlus/Tools/BeachClosure.aspx>.

Last year, Edmonds Underwater Park was closed July 28th through August 1st due to secondary to high *Enterococcus* levels. On June 13th last year, Picnic Point required a re-sample due to high levels, but the re-sample returned with safe levels and the beach remained open.

Figure 2. CAUTION and WARNING signage for swimming and wading at beaches sampled through the BEACH program.



In addition to beach water sampling, the storm water outflow drain at Mukilteo is also sampled. Last year, two of eight samples from the storm drain returned levels >104. These samples did not result in beach closures.

To learn more about the sampling protocol and the BEACH Program, visit <http://www.ecy.wa.gov/programs/eap/beach/program.html>.

Educational Opportunities

Northwest Stream Center Events in June McCollum Park, Everett

Check out the Northwest Stream Centers' website for a schedule of events including films and excursions. Most events are intended for all ages. The Center charges nominal fees and registration at (425) 316-8592 is suggested, since some of the events are limited in attendance. For more information, visit <http://www.streamkeeper.org/aasf/Classes.html>.

The Northwest Stream Center seeks to train **docent naturalists** in June. Orientation is scheduled for June 12 or 13, and the full training is scheduled for June 16 or 17. Questions? Call (425) 316-8592.

Northwest Stream Center Presentation in June



Northern flicker from Creative Commons

Thursday June 29, 7 PM – Welcome to Subirdia: Sharing Our Neighborhoods With Wrens, Robins, Woodpeckers, and Other Wildlife, by Dr. John Marzluff. During his presentation, Dr. Marzluff will reveal how our own actions affect the birds and animals that live in our cities and towns, and he will provide ten specific strategies everyone can use to make human environments friendlier for our natural neighbors. There will be a book signing after this educational and entertaining presentation.

Last Chance for a Free Auto-Leak Workshop!



To register go to: www.fixcarleaks.org and click “workshops”

Does your car drip? Ever wondered if a ‘spot’ on the ground came from your car? Want to learn how to properly maintain your car?

Join the experts for a **FREE Auto Leaks workshop** - a **\$125 value**. Open to everyone in Puget Sound. At this workshop you'll:

- Get a free professional car health assessment from a certified automotive instructor.
- Learn how to identify and prevent leaks.
- Receive tips on repairing minor common leaks.
- Learn preventive maintenance.
- Leave the class with a **FREE Vehicle Maintenance Check Kit** and the confidence to talk to your mechanic.

Check out this promo video: <http://www.youtube.com/watch?v=UzCzBf1SXS8>

The FINAL workshops will be held at Sno-Isle Tech Skills Center

June 17th and June 24th 9am-1pm

Watch this video and hear what past participants have to say:

<http://www.youtube.com/watch?v=fEy1oTedzho>

Space is limited! So register now! To register go to: www.fixcarleaks.org

These free workshops are brought to you by the Department of Ecology and WSU Snohomish County Extension.

June is Orca Month!

Join the *Orcas in Our Midst* Workshop Saturday, June 10th, 10 AM – 4:30 PM Whidbey Children's Theater, 723 Camano Ave, Langley

Don't miss Orca Network's second annual Orcas in Our Midst Workshop. This educational workshop, which focuses exclusively on Southern Resident orcas and the salmon they rely on, is part of the 11th annual Orca Awareness Month for June 2017. Confirmed speakers and presentations include:

Mike Ford, NOAA. Southern Resident orca genetics
Gay Bradshaw, The Kerulos Center. Carnivore Minds
Kriss Kevorkian, PhD. Environmental Grief
And more!



Registration fee: \$35 or \$25 for seniors/students

There is an optional sandwich lunch for \$10 or you can bring your own sack lunch! There will also be educational displays and time to network during breaks. Visit www.orcanetwork.org for more information or contact Cindy Hansen with any questions at cindy@orcanetwork.org or (360) 223-5666

Kayak Point Regional Park Public Meeting June 14th, 6:00 – 7:30 PM Warm Beach Fire Station 19727 Marine Dr. Stanwood, WA

Snohomish County is working on creating a new Preferred Plan for Kayak Point Park and is inviting the public to review a preliminary concept for future development of approximately 350 acres of land at the park. Ideas that are being considered include additional camping, trails, a community center and other recreation features.

The County wants your input! – Join a public meeting to hear about current thoughts for future improvements at Kayak Point and provide your input in order to help point this work in the right direction.

Questions? www.snocoparks.org or (425) 388-6616.

Puget Sound Nutrient Dialogue July 19th (Register by July 5th) Green River Community College, 12401 SE 320th Street, Auburn

To engage the Puget Sound recovery community and share our science, Department of Ecology is hosting an all-day open to the public workshop.

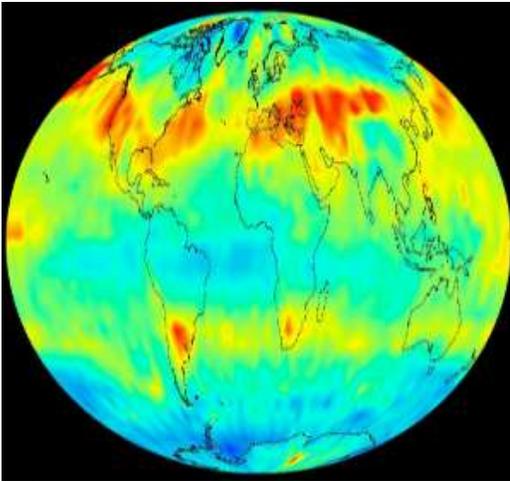
The Puget Sound Nutrient Dialogue will bring together subject matter experts from the region to discuss how nutrients (especially unhealthy levels of nutrients) are playing a role in changes such as

low DO (dissolved oxygen), excessive algae blooms and jellyfish populations, changes to food web dynamics and more. Also in the discussion will be the roles of human impact and climate change on the health of Puget Sound.

If you are involved in Puget Sound recovery in a technical or policy role, a Puget Sound tribe member or staff, work for local/state/federal government, a researcher or academic, part of the regulated community, an environmental or non-profit organization, or just a resident of Puget Sound who is interested in learning more please consider attending this free event.

Additional information on this Dialogue and a web link for registration may be found at: http://www.ecy.wa.gov/puget_sound/reducing-nutrients.html. **Registration deadline is July 5.** The Dialogue agenda is pending and will be posted later.

8th Annual Northwest Climate Conference
Working Together to Build a Resilient Northwest
October 10 – 11
Tacoma Convention Center, Tacoma, WA



Learn the latest about climate in Tacoma this October for the 8th Annual Northwest Climate Conference. This conference annually brings together more than 300 researchers and practitioners from around the region to discuss scientific results, challenges, and solutions related to the impacts of climate on people, natural resources, and infrastructure in the Pacific Northwest.

The conference is the region's premier opportunity for a cross-disciplinary exchange of knowledge and ideas about regional climate, climate impacts, and climate adaptation science and practice. The conference also provides a forum for presenting emerging policy and management goals, objectives, and information needs related to regional climate impacts and adaptation.

This conference is sponsored by the WA Department of Ecology. More information can be obtained at <http://pnwclimateconference.org/>

Conference registration opens in June. For questions and information, contact Lara Whitely Binder at lwb123@uw.edu or #nwclimate2017 (Twitter)

Volunteer Opportunities

Looking for Volunteers!

Storm Drain Marking Outreach

- Many opportunities to select from!

Beach Watchers will continue the effort of marking City of Mukilteo's storm drains with medallions that read "No Dumping. Drains to Sound". We are looking for several Beach Watchers that can help us meet the goal of installing 200 medallions this year! Below are the three kinds of opportunities you can help in.



Give Presentations!

Help us raise awareness about stormwater pollution by giving presentations to homeowner associations, community groups and families in Mukilteo about our storm drain marking project in the City of Mukilteo. We schedule the presentations and volunteers go to give them. The presentation is about 20 minutes long. All Beach Watchers will be provided with a flash drive and talking points.

COME OBSERVE A PRESENTATION!

Monday, June 12th at 5:30 PM

Mukilteo YMCA

Yolimar will be offering the stormwater presentation to Mukilteo Girl Scouts and their parents. This is a great opportunity for Beach Watchers to see the presentation and get an idea on how to do it themselves! [Let Yolimar know if you are planning to attend no later than Monday, June 12th at 10 AM.](#)

Be a Lead Contact for Groups to Install Storm Drain Medallions!

If giving presentations is not your thing, but you'd like to deliver storm drain kits and explain how to do the work, then sign up to do this instead!

Help Install Medallions at a Public Event!

On **July 15th** we will be hosting a public event for Mukilteo residents to install storm drain medallions. **We will need many helping Beach Watchers to act as team leaders for the installment.** The plan is to meet at Mukilteo's City Council Chambers for a brief overview and then divide into teams (led by a Beach Watcher) and travel to target neighborhoods. To participate of this fun stewardship event by sending your RSVP to onlyrain.indrains@wsu.edu calling (425) 357-6029.

Public Storm Drain Marking Event

July 15th, 10 AM – 1 PM

Mukilteo City Council Chambers

To sign up or for questions:

Contact Ani Gothard-Williams (Class of 2015) or Paul Granquist (Class of 2012)

Intertidal Beach Characterization Monitoring

The Beach Watchers have been engaged in this project now for several years, and have built up a strong experience base. This year the Snohomish Beach Watchers Intertidal Beach Characterization Monitoring team has already successfully surveyed Picnic Point Beach and Edgewater Beach late in May. Four more beaches remain to be surveyed this summer, and with this project, the more hands available the better. With our modified protocols, a team may expect to be on the beach for about four or five hours.



For information and to sign up, contact team leaders Craig Wollam (Class of 2010) or Paul Granquist (Class of 2012).

These are the remaining beaches to be surveyed this summer, with tidal information and survey times

Date	Location	Tides	Teams Arrive
June 23 (Friday)	Edmonds Olympic beach	10:48 AM -3.19 f L	7:30 AM
June 25 (Sunday)	Kayak Point beach	12:23 PM -3.53 f L	9:15 AM
July 23 (Sunday)	Howarth Park beach	11:30 AM -3.00 f L	8:30 AM
July 24 (Monday)	Mukilteo Lighthouse Park beach	12:16 PM -2.64 f L	9:15 AM

Festival Season Is HERE! Volunteers Needed

Beach Watchers are committed to educating about the connections between Puget Sound, Orca health and stormwater pollution, as well as what each of us can do to recover Puget Sound, through our festival outreach events. Sign up with Yolimar (yolimar.rivera@wsu.edu or 425-357-6029) to share your passion for Puget Sound and an array of simple solutions to keep pollution out of our local waterways. **Let Yolimar know which shift(s) and festivals you want to attend.**



WE COULD USE THE HELP OF 1 – 2 VOLUNTEERS FOR ALL SHIFTS

Festival of the River, Sat, August 12th and Sun, August 13th. River Meadows County Park, Arlington.

Shift 1: 11 am – 2 pm

Shift 2: 2 – 5 pm

Evergreen State Fair, Saturday, August 26th. Evergreen State Fairgrounds, Monroe.
 Shift 1: 9:30 am – 12:30 pm
 Shift 2: 12:30 – 3:30 pm
 Shift 3: 3:30 – 6:30 pm

Mukilteo Lighthouse Festival
Save the Dates – Sign up with Yolimar!
 September 8, 9 & 10

**Summer Beach Naturalists Days
 June through August**



WSU Beach Watchers and Beach Naturalists will be leading beach explorations at Kayak Point County Park, Mukilteo Lighthouse Park and Olympic Beach in Edmonds this summer. We will be sharing what we know to help families learn more about the beach and the amazing creatures that live there. Times below indicate advertised time for the public. Naturalists arrive 1/2 hour early and depart 1/2 hour after the field trip ends.

<p>Kayak Point County Park 15711 Marine Dr. NE Stanwood, WA 98292</p> <p>June 2017 Dates 25th (Sun), 11:30 am – 1:30 pm 26th (Mon), 12:15 – 2:15 pm 27th (Tue), 1 – 3 pm</p> <p>July 2017 Dates 9th (Sun), 11 am – 1 pm 10th (Mon), 11:30 am – 1:30 pm 11th (Tue), 12 – 2 pm 23rd (Sun), 10:30 am – 12:30 pm 24th (Mon), 11:15 am – 1:15 pm 25th (Tue), 12 – 2 pm</p> <p>August 2017 Dates 22nd (Tue), 11 am – 1 pm</p> <p>Sign up with Sandy Evans (Class of 2012) to volunteer in Kayak.</p>	<p>Mukilteo Lighthouse Park 609 Front St. Mukilteo, WA 98275</p> <p>June 2017 Dates 23rd (Fri), 10 am – 12 pm 24th (Sat), 10:45 am – 12:45 pm 25th (Sun) 11:30 am – 1:30 pm</p> <p>July 2017 Dates 8th (Sat), 10:15 am – 12:15 pm 9th (Sun), 11 am – 1 pm 22nd (Sat), 9:45 – 11:45 am 23rd (Sun), 10:30 am – 12:30 pm 24th (Mon), 11:15 am – 1:15 pm</p> <p>August 2017 Dates 20th (Sun), 9:30 – 11:30 am 21st (Mon), 10:15 am – 12:15 pm</p> <p>Sign up with Tim Ellis (Class of 2015) to volunteer in Mukilteo.</p>	<p>Olympic Beach 200 Admiral Way Edmonds, WA 98020</p> <p>June 2017 Dates 27th (Tue) , 1 pm – 3 pm</p> <p>July 2017 Dates 10th (Mon), 11:30 am – 1:30 pm 21st (Fri), 9 am – 11 am 25th (Tue), 12 am – 2 pm</p> <p>August 2017 Dates 19th (Sat), 8:30 am – 10:30 am</p> <p>Sign up with Nancy Engen (Class of 2010) to volunteer in Edmonds.</p>
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SAVE THE DATE!

Rain Garden Performance – Monitoring Training Wednesday, July 26th. Time TBA

Background: Rain gardens are an important tool to address polluted storm water runoff in local waterways and Puget Sound. **WSU Beach Watchers** can play a critical role in the success of creating this tool, which will be used by local and state governments, organizations, and businesses throughout the region once it's completed!

Free Training: WSU Beach Watchers joining the team as **Citizen Scientists** for this project will experience a mix of classroom and outdoor-field training. To learn more about the project, contact Chrys Bertolotto at chrys@wsu.edu or (425) 357-6029.

Blitz Leak Check Events: Volunteer to Keep our Waters Clean!

Every year, more than 7 million quarts of motor oil drip out of vehicles onto streets and parking lots and makes its way to lakes, rivers, streams and the Puget Sound. Most of this toxic pollution comes from small drips from cars and trucks. And that's just motor oil.

Puget Sound Starts Here's "Don't Drip and Drive" program was designed to build awareness and educate people throughout the Puget Sound region that it is important to check for vehicle leaks regularly to keep their car on the road and protect local waters. Studies show that 67 percent of drivers who find a leak will fix it within three months.

This summer WSU Snohomish County Extension Sustainable Community Stewards will be testing cars for leaks at local businesses, event venues, and parks. In order to make these events a success and to test the highest number of cars, **we need all hands on deck**. So, we welcome the help from any volunteer!

Below are the dates, locations, and times we have secured so far, and we will have more events scheduled in August.

Volunteers will be frequently bending down to place drip sheets, walking good distances, and speaking with the public. Extension will provide orange safety vests, ice water, and light snacks for volunteers.



This is a great way to help keep our waters clean! To sign up, please email Stephanie Leeper at s.leeper@wsu.edu or call her at (425) 357-6027.

New “Don’t Drip and Drive” sites with schedules

Date	Time	Location	# of Volunteers Needed
Tuesday, July 11 th	4:15am-9am (at the latest)	Boeing’s Everett Modification Center	18 volunteers needed!
Saturday, July 15 th	3:30pm-8pm	Evergreen State Fairgrounds Monroe	25 volunteers needed!
Wednesday, August 16 th	4:15am-9am (at the latest)	ATS at Paine Field	20 volunteers needed!
Two additional events to be added in August!			

Seattle Summer Sweep: Puget Soundkeeper Alliance
Saturday, June 17th, Arboretum
Wednesday, July 5, Lake Union Fireworks Cleanup
Saturday, August 12, Salmon Bay

Join the team protecting our urban waterways

Three events over the three summer months! Last year, volunteers removed more than 3500 pounds of trash from Seattle's waterways as part of the Seattle Summer Sweep cleanup series. Help to break the record! Sign up to participate in a land or water-based cleanup in June, July or August to help protect our urban waters from dangerous pollution. Borrow a kayak or bring your own.



Register and learn details including borrowing kayaks at:

http://www.pugetsoundkeeper.org/th_event/seattle-summer-sweep-arboretum/

http://www.pugetsoundkeeper.org/th_event/seattle-summer-sweep-fireworks-cleanup/

http://www.pugetsoundkeeper.org/th_event/9969/

Contact: Kathryn Davis, Stewardship Manager, Puget Soundkeeper Alliance. Look for contact information at <http://www.pugetsoundkeeper.org/about-us/contact-us/>.

Become a Waste Warrior and Join a Master Composter/Recycler type program! Training Starts on 7/22

Did you know that Washington State’s recycling rate is stagnant at 51%? In 2011, a King County study found that 39.7% of things thrown away could have been composted, and 21% could have been recycled. Over half of what’s tossed could be turned into new products or into beneficial compost. Using recycled aluminum cans to make new aluminum cans uses 95% less energy than

using raw material; for every ton of paper made from recycled paper, 17 trees are saved, and 50% less water is used. Most people want to recycle but are often confused by how to do it properly.

That is where *Waste Warriors* can help!

Saturdays, July 22nd, July 29th, and August 5th from 10am – 4pm

Plus, one evening tour (TBD)

McCollum Park, 600 128th St NE, Everett, WA

And various locations around Snohomish County

All Waste Warriors receive 18 hours of training! This training not only will teach you the nuances of recycling and composting, but will also make you an expert that all your neighbors and friends will call upon when they have questions. You'll have the opportunity to educate the public about recycling and composting at local festivals as well.

In this three-week training, you'll learn from expert presenters on why things can and cannot be recycled, where our recycling goes, backyard composting techniques, and how to reduce your waste overall; as well as have an opportunity to tour a local recycling center. The topics this training will include are:

- Waste 101
- Recycling Myths and Facts
- Product Stewardship / Producer Responsibility
- Household Hazardous Waste
- Green Cleaning
- Backyard Composting
- Commercial Composting Systems

After the training is complete, you will be asked to give 16 hours back to the program at festivals located throughout Snohomish County in August and September. You will provide crucial education to the

public about keeping our compost system free of plastics, why only some plastics are recyclable, and how to correctly sort waste. Additional volunteer opportunities in September and October will focus on non-toxic product outreach and proper storage of household chemicals.

Because this training will only be offered once in 2017 and seating is limited, there is an application process. **The deadline to apply is Friday, July 7th.** A \$35 fee (to cover materials) will be due after you have been accepted.

For more information, please contact Stephanie Leeper, Sustainable Community Stewards Coordinator, at s.leeper@wsu.edu or (425) 357-6027.

You can also visit <http://extension.wsu.edu/snohomish/naturalresources/sustainable-community-stewards/> for more information and application.



Working Group Leads

If you would like to get involved with any of these efforts, share your ideas or stay connected with the following activities, please contact the WSU Beach Watcher listed. If you are interested in any of these lead spots, please contact Chrys Bertolotto at (425) 357-6020 or chrys@wsu.edu.

BEACH Program: Tim Ellis

EBB TIDE Newsletter: Chuck LoPresti

Edmonds Summer Naturalists: Nancy Engen

Facebook Communications: Jim Traugott and Christine Gormley

Festivals: **VACANT**

Intertidal Beach Monitoring: Craig Wollam and Paul Granquist

Kayak Point Beach Days: Sandy Evans

Kayak Point Youth Spring Field Trips: **VACANT**

Monthly Breakfast: Bill McLaughlin

Mukilteo Lighthouse Park Kiosks: Scott Montgomery

Mukilteo Lighthouse Park Naturalist Team: Tim Ellis and Linda Lambert

Office Work Parties: Linda Lambert

Online Calendar Notices: Carol Bradley

Pre-School Library Readings: Gail Dillaway

Social Committee: Kathy Traugott, Linda Whatley, Darla Gay Smith, Judy Atkins and Carol Forsberg

Storm Drain Medallion Project: Ani Gothard-Williams and Paul Granquist

Veterinary Clinic Outreach: Karen Langseth

Warm Beach & Mission Beach Water Testing: Cheryl Jensen

Youth Classroom Presentations: Keri DeVilbiss

Project Spotlight

Crabber Education Days – Impact and Fun Rolled Together!



Photo Credit: Ghost Fishing – Dungeness crabs brought up in derelict pots.

Did you know that our efforts in the recreational crabber education program have had tangible results? Over the years, we saw declines in the number of lost pots and increases in compliance with conservation rules. These results keep derelict gear out of waters and crab populations around – an important part of our marine food web. Not only that, but it is VERY FUN! There is always a bit of

excitement in the air at the Everett Boat Launch and Kayak Point County Park. Please join us on Saturday, July 1 and Sunday, July 2. This is crabbing opening weekend and a great chance to talk with crabbers at Kayak Point and the Everett Boat Launch! We're still looking for a few Beach Watchers to fill a few of the three hour shifts at each park. Check out the doodle poll below that our partners have created and sign up for a shift online! If you've not been trained, you can buddy up with someone who has been!

<http://doodle.com/poll/6sauyfmk7mpyrxy4>

Chrys (425) 357-6020, chrys@wsu.edu

A Wavy Column

June 8th, 2017

Today is World Oceans Day! A day observed globally to celebrate our amazing oceans and work together to make a better future. You can learn all about it at www.worldoceansday.org.

On behalf of this celebration, I'd like to invite those who are interested, for a beach clean-up at Howarth Park beach. This is one of the beaches that the Snohomish County MRC (Marine Resources Committee) restored and that had been closed to public access for a while. So, if you haven't been there, this is a great opportunity to visit and give back!



Howarth Park Beach Cleanup Details

When: Saturday, July 10th at 10 AM

Where: Howarth Park, 1127 Olympic Blvd, Everett, WA 98203

Meeting Point: Howarth Park lower parking lot (the one closest to the beach), 10 AM

How to Sign Up: If you get the chance, let me know via email or phone by Friday, June 8th at 4 PM if you are planning to come, or simply show up at the park on Saturday at 10 AM!

What to Bring: I'll bring garbage bags and gloves for those who need it. If you plan to join me, please dress for the weather! So far it looks like it'll be partly cloudy, but we'll be at the beach, so it might be cold and you might get wet! Rain gear, layers, waterproof/sturdy shoes, a hat, sunscreen and a water bottle are always good to bring.

The Plan: I signed up to the cleanup at Howarth Park as part of International Coastal Cleanup day (and World Oceans Day) through Puget Soundkeeper and the Seattle Aquarium. They would like us to use the Ocean Conservancy's app, *Clean Swell*, to share the type of trash we collected. You can find more about the app here: <https://oceanconservancy.org/trash-free-seas/international-coastal-cleanup/cleanswell/>.

Anyone is also welcome to post pictures of the clean-up on Twitter or Instagram with hashtags #HourOcean and #SeattleAquarium for a chance to win prizes! Those with the largest items, most items, and most unique trash discoveries can also win prizes.

These are of course, optional, but the main objective is to walk the beach and remove any trash we might find. I'm planning to be done by 11 am. I would appreciate your help in taking the trash bags and disposing of them properly once we get home, since there is no main dumpster at the park.

Those who are up for it, are welcome to join me for brunch after the cleanup at the Diamond Knot Brewery to celebrate and enjoy conversations.

If you cannot make it, you can always do a beach cleanup on a different date – the important part is to help our Puget Sound marine environment and its wildlife!



I encourage you all to check out www.plasticfreejuly.org. People worldwide are taking on the challenge to try living plastic-free for a day, a week or the whole month of July! Every bit of effort counts to keep our world, a healthier, better place 😊

Yolimar

(425) 357-6029, yolimar.rivera@wsu.edu

Wish List for Snohomish County Beach Watchers

STAFF WISH LIST – we would work more efficiently if we had the following items:

A zipped bag to store coffee, tea, cups, plates, etc. and make a second coffee/bag to share with our Natural Resources Team (Chrys, Yolimar and Stephanie Leeper all share the same coffee/tea bag!). With more trainings and events being led by our staff, it's harder to coordinate the one coffee bag...

Please contact Yolimar at (425) 357-6029 or yolimar.rivera@wsu.edu if you have items you would like to donate to the cause. Team leaders can also put in wish list items to assist with their projects and activities by sending their wishes to Chuck Lo Presti (Class of 2013) to announce in the Ebb Tide.

Beach Watcher Member News

Beach Watcher Google Calendar

This is a reminder that we would like to make all Beach Watchers aware of – a link to the Snohomish County Beach Watchers Google Calendar so you know what's coming up. Enjoy!

<http://beachwatchers.wsu.edu/snohomish/events/index.htm>

Beach Watcher Monthly Breakfast

Come, join us for fun filled conversation and breakfast at Patty's Egg Nest on 128th Street, Wednesday, June 14th at 9:00 A.M. where we will celebrate the following and maybe more!

National Flag Day, International Bath Day, National Bourbon Day, Strawberry Shortcake plus the famed, not to be missed Pop Goes the Weasel Day, amongst others.

Beach Watcher Basics

	Beach Watcher Breakfast!	Beach Watcher Facebook Page Like Us!	Beach Watcher Web Tools	Contributions to Ebb Tide
When Is It?	Monthly, 2 nd Wednesday, 9 AM	ANY TIME!	24 Hours a Day, Every Day!	Submissions last day of the month.
How Can I Find It?	Patty's Egg Nest, 303 128 th St. SW, South Everett	www.facebook.com/snohomishbeachwatchers	www.beachwatchers.wsu.edu/Snohomish/VolunteerInformationPage.htm	Arrives to your email every month
Why Should I Care?	Great conversations and getting to know fellow Beach Watchers!	Great way to Get and Share Information.	Find anything you need – events calendar, link to volunteer hour database, notices, flyers, great web links, and more!	Ebb Tide is the main way that volunteers get information. We could use submissions of articles, cool events, photos, etc., from Beach Watchers.
Want More Information ?	See Working Group Lead or Team Leader Contacts above!			

Beach Watcher Highlights

Dates	Type	Title	Location / Time
June 8	Youth Education	Classroom Beach Field Trips	Mukilteo and Kayak Point. 9:30 AM – 12:30 PM
June 9	Youth Education	Classroom Beach Field Trips	Mukilteo Lighthouse Park 10:15 AM – 1:15 PM
June 10	Naturalists	Beach Cleanup	Howarth Park, Everett. 10 AM
June 14	Social	Monthly Breakfast	Patty's Egg Nest, 303 128 th St. SW, 9 AM
June 23-27	Naturalists	Summer Naturalist Days Kick Off	Mukilteo, Kayak and Edmonds. See page 10 for details.
June 23	Research	Intertidal Beach Characterization	Olympic Beach, Edmonds. 7:30 AM – 12:00 PM
June 25	Research	Intertidal Beach Characterization	Kayak Point Beach 9:15 AM – 2:00 PM
July 1-2	Education	Recreational Crabber Education	Kayak Point and Everett Boat Launches. 6 AM – 3 PM
July 12	Social	Monthly Breakfast	Patty's Egg Nest, 303 128 th St. SW, 9 AM
July 15	Education	Storm Drain Marking Event	Mukilteo Council Chambers, City Hall. 10 AM – 1 PM
July 23	Research	Intertidal Beach Characterization	Howarth Park Beach 8:30 AM – 2:00 PM
July 24	Research	Intertidal Beach Characterization	Mukilteo Lighthouse Park Beach 9:15 AM – 2:00 PM
August 9	Social	Monthly Breakfast	Patty's Egg Nest, 303 128 th St. SW, 9 AM
August 12-13	Festival	Festival of the River	River Meadows County Park, Arlington. 11 AM – 5 PM
August 26	Festival	Evergreen State Fair	Evergreen State Fairgrounds, Monroe. 9:30 AM – 6:30 PM
September 8-10	Festival	Mukilteo Lighthouse Festival	Mukilteo Lighthouse Park. Time varies by date.

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