

## Matriotti & Lotzgesell Targeted for Clean-Up



The next Pollution Identification & Correction (PIC) project is slated to begin in lower Matriotti and Lotzgesell creek watersheds. Water quality monitoring at the mouths of these streams has detected high levels of bacterial contamination.

Bacterial pollution can make people sick and close beaches to shellfish harvest. The goal of PIC is to strategically find and fix the sources of pollution by targeting the highest priority contaminated streams.

Water sampling teams will make their way upstream in an effort to pinpoint sources of pollution. Clallam County Environmental Health will work with residents to ensure that septic systems are current on inspections and in good working condition, and Clallam Conservation District will help farmers install agricultural practices to protect water quality.

The new PIC project expands efforts already underway in Meadowbrook Creek and Golden Sands Slough. For more information contact Jacob Melly at [jmelly@co.clallam.wa.us](mailto:jmelly@co.clallam.wa.us) or at 360-417-2415.

## Sustainable Landscaping Classes

### **Natural Landscaping Course**

Learn how to design and install a sustainable landscape that will work for you and the environment. Course participants will learn how to evaluate the unique site conditions of their properties, prepare landscape plans suited to those conditions, and develop implementation strategies.

**WHEN:** Tuesday evening sessions from 6:00pm to 8:30pm on Oct. 3, 10, and 17 and Saturday afternoon field trips on Oct. 7, 14 and 21.

**WHERE:** Dungeness River Audubon Center in Sequim (evening classes)

**COST:** \$25 materials fee. Call 360-775-3747 x 5 or email: [joe.holtrop@clallamcd.org](mailto:joe.holtrop@clallamcd.org) to register

### **Landscaping With Native Plants Field Workshop**

Learn how to identify over 25 native trees and shrubs, their wildlife benefits and how to incorporate them into residential landscapes, all while walking trails in the beautiful Dungeness Recreation Area.

**WHEN:** September 30 (Saturday) from 9:00 to Noon

**WHERE:** Dungeness Recreation Area

**COST:** FREE, but pre-registration is required. Call 360-775-3747 x 5 or email: [joe.holtrop@clallamcd.org](mailto:joe.holtrop@clallamcd.org)



# 2018 Native Plant Sale Pre-Orders



Ninebark

## Place Large Orders Now

If you are interested in ordering *100 or more* native plants of the same species, please contact the Conservation District by email at [info@clallamcd.org](mailto:info@clallamcd.org) or phone 360-775-3747 x 1.

These large orders can be purchased at the substantial bulk discounts to the right. The deadline for placing large pre-orders is November 16, 2017. Plants will be available for pick-up on March 3, 2018. Prepayment is required. Limited quantities are available at the large order pricing and will be sold on a first come, first served basis.

## Place Smaller Orders in December and January

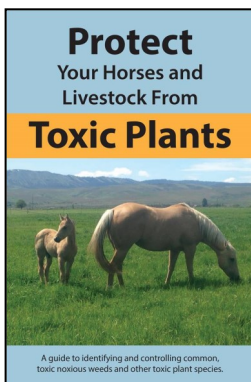
Regular plant sale ordering takes place between December 4, 2017 and January 25, 2018. This includes bundles of 10 for all species, as well as bundles of 25 for conifer trees.



Red Flowering Current

Order forms and pricing information will be included in the Winter issue of our newsletter, which will go out the first week of December and will also be posted on our website. Please visit our website at [www.clallamcd.org](http://www.clallamcd.org) for more information on our plant sale, including descriptions of plants we offer for sale.

## Horse & Livestock Toxic Weed Booklet



The Washington State Noxious Weed Control Board has put out a wonderful full-color publication on plants that are toxic to horses and livestock. It provides identification, symptomology, actions to take if you suspect toxic plant exposure, and control options for over 21 toxic plants. There is even a section on choosing hay and a section specifically on plants that are toxic to chickens.

Thanks to Clallam County Noxious Weed Control Board, the Conservation District was given a stack of booklets to distribute to horse and livestock owners. Please stop by our office during normal business hours to pick up your copy. The publication can also be viewed online at [http://www.nwcb.wa.gov/pdfs/Final-WSNWCB-toxic-booklet\\_low\\_res.pdf](http://www.nwcb.wa.gov/pdfs/Final-WSNWCB-toxic-booklet_low_res.pdf)

## Weed Watch: Spotted Knapweed

Spotted knapweed grows 8 to 40 inches tall and typically has pink to purple flowers, which bloom from June to October. It has bracts that occur at the base of the flower head.

Spotted knapweed is an aggressive and invasive species that invades pastures and meadows, and is often found along roads in our area. It is a Class B designate weed in Clallam County, so control is required county-wide. More information on this plant can be found at [http://www.clallam.net/weed/documents/spottedknapweed\\_long.pdf](http://www.clallam.net/weed/documents/spottedknapweed_long.pdf)



2018 Large Order Pricing	PRICE (Per 100 Plants)
<b>Conifers</b>	
Douglas Fir	\$ 64.00
Grand Fir	\$ 64.00
Shore Pine	\$ 64.00
Sitka Spruce	\$ 64.00
Western Hemlock	\$ 87.00
Western Red Cedar	\$ 87.00
<b>Hardwoods</b>	
Big Leaf Maple	\$ 97.00
Pacific Crab Apple	\$ 92.00
Rocky Mtn Maple	\$ 97.00
Red Alder	\$ 87.00
Vine Maple	\$ 92.00
<b>Shrubs</b>	
Blue Elderberry	\$ 92.00
Indian plum	\$ 92.00
Mock Orange	\$ 123.00
Ninebark	\$ 97.00
Nootka Rose	\$ 97.00
Oceanspray	\$ 97.00
Oregon Grape - Low	\$ 97.00
Red Elderberry	\$ 92.00
Red Flowering Current	\$ 92.00
Red Osier Dogwood	\$ 92.00
Serviceberry	\$ 92.00
Snowberry	\$ 97.00
Thimbleberry	\$ 112.00
Twinberry	\$ 112.00



## Be FireWise

Don't let this past cold, wet winter and spring give you a false sense of security about wildfire. Numerous grass and brush fires have already sprung up across western Washington, and the conditions are only going to get worse over the next couple of months. The good news is there are simple ways to help prepare and protect your property in the event of a wildfire.

If you live in or adjacent to a wooded area, especially at the top of a slope, take special precautions to reduce your wildfire risk. Always be careful with fire and obey burn bans.

Here are some tips for preparing your home and landscape to be more survivable in a wildfire.

### **For Fire-Service Access, Make Sure:**

- Your address marker is easily viewed at night.
- Firefighters can get equipment down your driveway. Driveways and gates should be at least 12 feet wide with a 15-foot vertical clearance, and a less than 5% slope.
- There are adequate turnaround areas for firetrucks. If firefighters think they might get themselves and their equipment trapped, they won't risk venturing down your driveway.

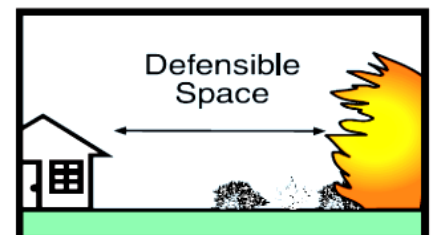
### **Your Home & Structures (Built Fuel)**

- The roof is the most vulnerable part of your home in a wildfire. It should be Class A fire-rated roofing. Ask a professional for guidance on this.
- Choose metal or vinyl gutters.
- Keep the roof and gutters free of flammable leaves, needles and debris.
- Cover or enclose attic, eave, soffit and crawl space openings with 1/8-1/4 inch metal screening to prevent embers from blowing in.
- Install double paned windows that can withstand more heat.
- Choose metal screening for windows.
- Remove highly flammable furniture and floor mats from decks when leaving for multiples days during fire season.
- Enclose the area under decks with 1/8-1/4 inch metal screening or other fire-resistant material to prevent embers from blowing in.
- If wooden fences are connected to the house, put metal flashing between the connections.
- Store firewood and lumber 40 feet away from the house and other structures.



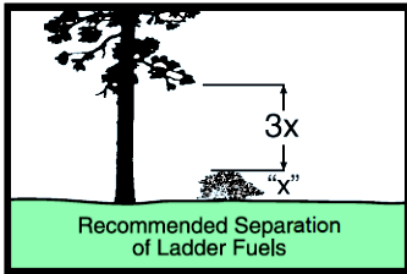
### **Your Landscaping – 5 feet from house**

- Remove dead vegetation and debris from around structures and under decks, including raking back accumulated layers of dry needles and leaves from against the house.
- Trim tree limbs so they don't hang over the roof.
- Keep area adjacent to house clear of highly flammable plants, such as most evergreen trees, junipers, lavender and rosemary.
- Consider putting a 3 to 5-foot wide swath of gravel around the base of homes structures.



## Your Landscaping – up to 30 feet from house

- Keep grass short around all structures, wood piles and propane tanks.
- Maintain vegetation in a healthy condition. If possible, irrigate this area of your landscape.
- Maintain an emergency water source. If you have an irrigation system, make sure it is operable even if you've turned it off in to conserve water; it may come in handy in case of fire.
- Have tools (e.g., shovel, rake, axe, handsaw or chainsaw) and water hoses readily available. These may be useful for firefighters during a wildfire.



## Your Landscaping – over 30 feet from house

- Ground fires can become dangerous tree crown fires if the lower limbs of large trees and understory vegetation that create a ladder for the fire are not removed. Lowest limbs should be 6 to 10 feet from the ground or understory plants.
- Incorporate fuel breaks into your landscape such as a gravel driveway or path, healthy lawn, water features, and sidewalks.

Lastly, prepare for wildfire by developing, discussing and practicing a disaster plan with everyone in your home. Your disaster plan should include the following:

- Details for care of pets and livestock.
- Identification of at least two ways out of your neighborhood.
- A designated meeting place.



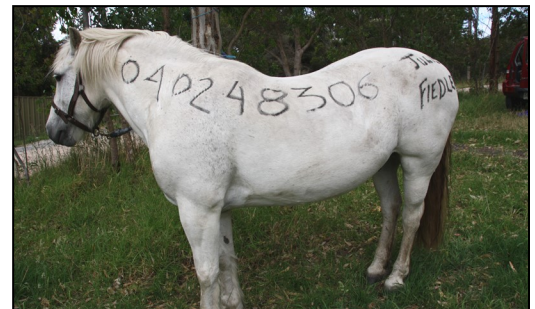
For more information on how to reduce your risk of wildfire disaster, visit [www.firewise.org](http://www.firewise.org).

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## Fire Evacuation Planning for Large Animals



- Make sure animals are trained to load quickly in a trailer or, if they are not trained to lead, that you have fence panels or a corral to pen them up to load into a trailer.
- Pre-determine possible locations to take your animals. Have portable fencing ready in your trailer (solar charger, hot wire and step-in posts) in case you need to put up a temporary fence.
- Put animals in a pre-determined “fire safe area” on your property if evacuation isn’t possible. It should be as large as possible, devoid of flammable vegetation and surrounded by fire-proof, metal fencing. It could be a large sand arena (no wood footing or fencing which can ignite and burn), a large dry lot turnout or an over-grazed pasture. If time permits, put water and feed in the center in non-flammable, metal containers.
- Remove all synthetics (nylon halters, blankets, fly masks), since they can melt and burn an animal. Instead, use cotton or leather halters and leads.
- If you have to leave animals try to put your contact information on them with a livestock marking pen (grease pen). On horses, a metal identification tag like those used on dog collars can also be braided into a mane.
- Finally, **never, ever turn animals loose**. Loose horses and livestock on roadways can block both traffic and emergency personnel who are trying to deal with the fire.



A livestock marking pen is used to make the owners phone number and name large enough to be read from a distance.

## **FREE Farm Tour: Mud-Free Paddocks and Healthy Hooves**



**WHEN:** Wednesday, August 30 from 5:30 to 7:00 PM

**WHERE:** Olympic Peninsula Equine Network's (OPEN) equine rescue facility south of Sequim (directions will be given upon registration)

The Conservation District is teaming up with OPEN to tour their newly constructed barn and mud-free gravel paddocks built by volunteers on the 5-acre facility that serves as the rescue's headquarters. Attendees will learn techniques for creating all-season, mud-free paddocks and tips for reducing mud. Farrier, Joe Marceau, will also give a talk on maintaining good hoof health in our challenging wet winter environment.

Space is limited so call 360-775-3747 ext. 5 or email [info@clallamcd.org](mailto:info@clallamcd.org) to reserve your spot.

## **FREE Pasture Renovation Workshop**

**WHEN:** Wednesday, September 6 from 5:00 to 6:30 PM

**WHERE:** Coastal Farm & Ranch, 990 E. Washington St., Sequim

Join us at the newly opened Coastal store in Sequim to learn how to renovate your pastures this fall. Topics will include seasonal pasture management, rotational grazing, fertilizing, liming and over-seeding.

Attendees are encouraged to submit a soil sample to the Conservation District office on Wednesday, August 16 so results can be reviewed during the workshop.

Please call 360-775-3747 ext. 5 or email [info@clallamcd.org](mailto:info@clallamcd.org) to register for this event. Space is limited.



### **Soil Testing**

Soil samples are accepted the 1<sup>st</sup> and 3<sup>rd</sup> Wednesday of every month from 9:00am to 4:00pm at the Conservation District office. The cost is \$20 per sample and gives specific fertilizer and liming rates for the plants you are growing (pastures, garden, lawn, etc.) Soil probes are available for check-out (free of charge). Visit our website at [www.clallamcd.org](http://www.clallamcd.org) for instructions on how to collect a soil sample.



Track paddocks promote healthy pastures by providing a natural area for equines to live while pastures are re-growing after grazing.

## **Track Paddocks for Equines**

Track paddocks are quickly becoming popular alternatives to traditional horse-keeping systems because they encourage horse movement and health while protecting pastures and sensitive areas like streams and wetlands.

Track footing can include gravel, sand, hogfuel and even natural obstacles like rocks and logs for horses to navigate. Manure should be collected regularly (every 1-3 days) and properly stored.

Streams, ditches, wetlands, and ponds must be excluded from track paddocks to ensure water stays clean and tracks don't have excess water. Strategically installed gates along the track can enable convenient and easy rotational grazing in adjacent pastures.

Have you built a track paddock and are interested in sharing your experience? If so, call us at 360-775-3747 ext. 5 or email us at [info@clallamcd.org](mailto:info@clallamcd.org).

# Conservation Sponsors

Conservation News sponsorships cost \$50 a year for business names printed every issue or \$100 for a name every issue and a business card once a year.

Newsletter sponsorships help offset the costs of publishing and distributing our *Conservation News*, which reaches 3,700 readers four times a year.

Thank you sponsors!



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Clallam Conservation District is a sub-division of state government created to promote the stewardship and conservation of natural resources in Clallam County. Public meetings are held at 3:00 p.m. on the second Tuesday of each month at the Clallam Conservation District office, 228 W First St., Suite H in Port Angeles (top floor of the Armory Square Building).

## BOARD OF SUPERVISORS

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## DISTRICT STAFF

(360) 775-3747

**Executive Director:** Joe Holtrop  
**Admin. Assistant:** Beth Loveridge  
**Conservation Planners:**  
Meghan Adamire & Jennifer Bond

## Office Hours

Tues. - Thurs. - 9:00am to 4:00pm  
Mon. & Fri. - by appointment

Over 1,300 folks are having their newsletter delivered via email. Call us at (360) 775-3747 ext. 5 or send an email to: [info@clallamcd.org](mailto:info@clallamcd.org) to start receiving your newsletter electronically.

**WANT TO HELP US SAVE A TREE?**

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- ⇒ 2018 Native Plant Sale Large Order Info.
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- ⇒ Horse & Livestock Workshops

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**CLALLAM CONSERVATION DISTRICT**  
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