

## **Board of Supervisors Elections to be February 28**

Clallam Conservation District is pleased to announce an opportunity to contribute to conservation and your community by serving on the Board of Supervisors. Supervisors are public officials who direct the activities of the conservation district, identify local conservation needs, set priorities, and oversee the implementation of plans to protect soil, water, wildlife, and other renewable natural resources.

Five members comprise the Board, each serving a three-year term without compensation. Three of the five Supervisors are elected by registered Clallam County voters, and the other two are appointed by the Washington State Conservation Commission. Robert Beebe, Donald Hatler and Joe Murray are the three elected Supervisors. Matt Heins and Ben Smith are appointed. The elected position held by Donald Hatler and the appointed position held by Ben Smith expire in 2015.

Clallam County residents who are registered to vote are eligible to run for the position of Conservation District Supervisor. Interested candidates must submit a candidate information form to the Clallam Conservation District by the candidate filing deadline of 4:00pm on January 29, 2015. To be listed on the election ballot, a nominating petition form, signed by 25 or more registered Clallam County voters, must also be submitted by the filing deadline. The election will be held on February 28, 2015. To be considered for appointment, an application form must be received by the Washington Conservation Commission no later than March 31, 2015. Election and appointment forms and information, including election day details may be obtained at the District Office and on our website ([www.clallamcd.org](http://www.clallamcd.org)).



### **Draft PIC Plan Released**

Public comment is being accepted on the Draft Pollution Identification & Correction (PIC) plan for the Sequim Bay-Dungeness Watershed Clean Water District (CWD). The draft plan is available on our website ([www.clallamcd.org](http://www.clallamcd.org)), at our office and at the Sequim Public Library and will be presented at the PIC Meeting on December 11. Comments on

the plan will be accepted through December 22, 2014 and the final plan will be published in January 2015.

Over the past 18 months the Conservation District has been working to facilitate the development of the PIC plan. The PIC plan is intended to better coordinate water quality monitoring and conduct water clean-up efforts in a more strategic manner.

The plan includes details on how sources of pollution will be identified through strategic water quality sampling in high priority project areas. Once pollution sources are identified, project partners will assist residents in correcting the pollution sources. The plan also outlines technical and financial assistance that will be available for pollution correction actions like septic system repairs and agricultural best management practices.

Clallam County Health and Human Services (CCEH) Environmental Health Section has received grant funding from the Washington State Department of Health (DOH) to implement the newly developed PIC plan. The PIC Implementation Pilot Project will launch in January 2015 and go through June of 2017. The project will focus on the Dungeness area, including the sub-watersheds of Meadowbrook Creek and Cooper Creek. The Conservation District will partner with CCEH to help publicize the project and will assist agriculture operations with pollution correction activities.

### **PIC PUBLIC MEETING**

**What:** Release of draft PIC plan and introduction of upcoming PIC Implementation Pilot Project

**When:** Thursday, December 11, 2014  
from 6:00-7:30PM

**Where:** Dungeness Schoolhouse,  
2781 Towne Rd, Sequim

## **Important Updates at the Conservation District**

**OFFICE HOURS:** Our staff are frequently out doing field work, but we want to make sure we don't miss your visit. We have therefore reduced our advertised office hours to **Tuesday through Thursday from 9:00am to 4:00pm**. You might catch someone on Monday and Friday, but it's best to make an appointment first.

**PLANT SALE ORDER DATES:** In order to reduce the risk of running out of plant inventory (or having surplus), we have changed our plant sale order dates. We will be accepting orders from December 1, 2014 through January 28, 2015, see page 4 of the newsletter for more details.



**GIFT CERTIFICATES NOW AVAILABLE:** The Conservation District is now offering gift certificates to help you shop this holiday season. The recipient can use their gift certificate to purchase native plant posters (*\$5 each*) or soil tests (*\$20 per test*) year-round or use the gift certificate during our popular native plant sale in December and January (*bundles of plants range from \$15 to \$25*). Call or stop by our office for more information.

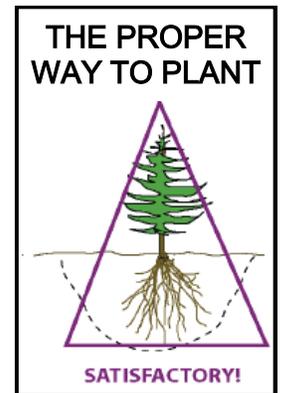
## **Choosing the Right Plant for Your Needs**

First, narrow your plant selection down to trees versus shrubs, then evergreen versus deciduous. Your landscape objectives inform these basic decisions. Do you want shade in summer but sun in winter? Are you trying to create year-round privacy, screen a view, block the wind, or are you just trying to reduce your lawn and improve wildlife habitat? Consider the mature size of the plant—you don't want to block any prized views or have trees grow into power lines.

Second, let the site conditions influence your selection of species. The most important site condition is moisture availability. Is your soil well-drained or does it hold water well? Do you have a high water table or ponding water in the winter? What is the microclimate like? Is the site sunny or shady? Is it exposed to wind or protected? See the *Habitat* column in the **Plant Descriptions** table for information about soil moisture and microclimate.

Third, narrow your species selection based on aesthetic criteria, such as blossoms, fall color, fragrance, and wildlife benefits. As a general rule, if you want blossoms for color or attracting nectar-feeding birds and insects, most shrubs will work and will produce fruit that attract wildlife. For fall color you're limited to deciduous trees and shrubs. Evergreens are good for windbreaks, year-round screens and winter cover for wildlife.

And finally, don't forget to think about how you're going to care for the plants when you pick them up. Our plants are bare-root seedlings and must be treated with care, preferably put back into the soil within a day or two of purchase. Unless the final destination for these plants is an area you can easily water and care for, it's best to pot up your plants for fall planting. All new plantings will require supplemental water until established—typically two or three growing seasons.



## **AQUIFER RECHARGE PROJECT UPDATE**

Design work is complete for a shallow aquifer recharge project along Carlsborg Road. The project will be put out to bid soon for construction of the first fully functional aquifer recharge in the Dungeness Valley.

A little over a half mile of the existing irrigation ditch that is no longer needed to convey irrigation water will be modified to infiltrate water into the ground. The ditch bottom will be scarified to improve infiltration, rather than trying to seal it to reduce leakage. The majority of the ditch will be replaced with perforated pipe laid in drain rock and backfilled. An irrigation pipeline that replaced open ditch will take water from the Dungeness River and deliver it to the recharge site during the late spring and early summer snow melt period.

Clallam Irrigation Company will be the owner and operator of the Carlsborg aquifer recharge site and Clallam Conservation District is the lead for construction. Several other potential recharge sites are under consideration for development in the near future.

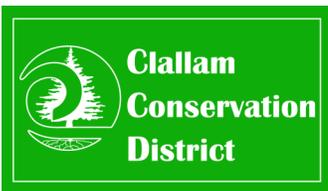
In related news, the Washington Water Trust is leading an effort to potentially construct a large off-stream reservoir on Department of Natural Resources land just west of River Road. This project is in the early stages of exploration but has the potential to store a substantial amount of water for late summer irrigation, as well as playing an important role in management of stormwater that contributes to flooding in the city of Sequim.



# 2015 Plant Descriptions



SPECIES	Mature Height (max.)	PLANT DESCRIPTION/USE	HABITAT
<b>EVERGREEN TREES</b>			
<b>Douglas Fir</b> <i>Pseudotsuga menziesii</i>	200'	Pyramid shaped with straight trunk & blue/green needles. Fast growing. Used for windbreaks, firewood & lumber.	Prefers full sun. Grows in all but the wettest conditions. Drought tolerant.
<b>Grand Fir</b> <i>Abies grandis</i>	140'-200'	Straight, stately, fast growing conifer. Glossy, dark green flat needles. Popular, fragrant Christmas tree.	Full sun to partial shade. Tolerant of varying soils and moisture conditions.
<b>Shore Pine</b> <i>Pinus contorta "contorta"</i>	15-100'	Relatively short conifer with variable form & crooked to straight trunk. Pine nuts favored by squirrel & song birds.	Full sun. Tolerates varying soils and moisture conditions from wet to well-drained.
<b>Sitka Spruce</b> <i>Picea sitchensis</i>	200'	Giant among trees. Stiff, sharp-pointed, pale green needles & droopy branches. Tolerance to salt spray.	Full sun to partial shade. Prefers deep, moist, well-drained soils.
<b>Western Hemlock</b> <i>Tsuga heterophylla</i>	140'-180'	Graceful, down-sweeping branches & feathery foliage.	Prefers shade. Grows best in deep, moist, well-drained soil, with high organic matter.
<b>Western Red Cedar</b> <i>Thuja plicata</i>	200'	Grand & long lived tree. Drooping branches hold flattened, spray-like branchlets with scaly leaves.	Full sun to full shade. Tolerates saturated soils and seasonal flooding.
<b>DECIDUOUS TREES</b>			
<b>Big Leaf Maple</b> <i>Acer macrophyllum</i>	40-100'	Large, short trunked tree noted for giant leaves that provide shade in summer and turn golden yellow in the fall.	Full sun to partial shade. Moist to somewhat dry, well-drained soils.
<b>Pacific Crabapple</b> <i>Malus fusca</i>	40'	Slender tree or large shrub. Fragrant white to pink blossoms in spring. Crisp, sour, juicy pomes in fall.	Full sun to partial shade. Moist sites. Tolerates saturated soil.
<b>Red Alder</b> <i>Alnus rubra</i>	120'	Fast growing, short-lived tree. Fixes nitrogen. Often used for firewood. Speckled bark shows well in winter.	Full sun to partial shade. Adaptable to poor soils. Tolerates flooding and drought.
<b>Vine Maple</b> <i>Acer circinatum</i>	10-30'	Large shrub or small deciduous tree. Interesting bark coloration & vibrant fall color. Small red/purple flowers.	Full sun to partial shade. Dry to somewhat moist sites.
<b>SHRUBS</b>			
<b>Blue Elderberry</b> <i>Sambucus caerulea</i>	20'	Flat-topped clusters of creamy-white flowers. Ripe berries are dark blue & can be used for making pies, jams & wine.	Full sun to partial shade, moist to dry soils. Mostly found in clearings.
<b>Indian Plum</b> <i>Oemleria cerasiformis</i>	16'	Heralds early spring with pendant shaped, greenish white clusters of flowers. Purple fruits are favored by birds.	Full sun to full shade. Prefers partial shade. Moist to dry sites with well-drained soils.
<b>Mock Orange</b> <i>Philadelphus lewisii</i>	5-10'	Loosely branched shrub with bright green leaves. Showy white flowers, with a citrusy scent, appear in late spring.	Full sun to shade, prefers partial shade. Moist, well-drained to dry soils.
<b>Ninebark (Pacific)</b> <i>Physocarpus capitatus</i>	13'	Multi-stemmed shrub with white pom-pom like flowers favored by bees & butterflies. Seeds feed songbirds.	Full sun to partial shade. Moist to wet sites, often near streams or wetlands.
<b>Nootka Rose</b> <i>Rosa nutkana</i>	8'	Robust, thorny rose. Large, fragrant, pink flowers in spring, bright red berries in winter. Great for hedgerows.	Full sun to partial shade. Fairly dry to wet sites. Tolerates saturated soil.
<b>Oceanspray</b> <i>Holodiscus discolor</i>	15'	Bushy shrub with showy white, cascading flower clusters. Seeds persist into winter season.	Full sun to partial shade. Dry to moist sites with well-drained soil. Drought tolerant.
<b>Oregon Grape Tall</b> <i>Mahonia aquifolium</i>	8'	Broadleaved evergreen shrub with holly-like leaves. Clusters of yellow flowers and dark blue berries. Pairs well with native snowberry for a stunning garden arrangement.	Full sun to full shade. Dry to moist sites with well-drained soil.
<b>Red Elderberry</b> <i>Sambucus racemosa</i>	10-20'	Arching stemmed shrub with white flower clusters and red berries. Attractive to butterflies & birds. Hollow stems can be used to make flutes or toy whistles.	Full sun to partial shade, moist to some-what dry sites.
<b>Red Flowering Currant</b> <i>Ribes sanguineum</i>	4-12'	Deciduous shrub with brilliant display of ornamental carmine red flowers that attract butterflies and hummingbirds.	Full sun to partial shade. Well-drained, dry to somewhat moist soils.
<b>Red Osier Dogwood</b> <i>Cornus sericea</i>	15'	Many-stemmed shrub. White flowers & blue/white berries. Red-purple leaves in fall. Red twigs in winter.	Full sun to partial shade, moist, well-drained soil. Tolerates seasonal flooding.
<b>Serviceberry</b> <i>Amelanchier alnifolia</i>	10-25'	Multi-stemmed shrub/tree with clusters of showy white flowers. Dark purple fruit loved by birds. Nice fall color.	Full sun to partial shade, moist to dry sites with well-drained soil. Drought tolerant.
<b>Snowberry</b> <i>Symphoricarpos albus</i>	5-6'	Delicate but dense, twiggy, spreading shrub. Small clusters of pink flowers in spring & white berries in summer.	Full sun to partial shade. Dry to wet sites.
<b>Thimbleberry</b> <i>Rubus parviflorus</i>	2-10'	Soft velvety leaves, large white flowers, & tasty red berries. Favored food for birds, squirrels & chipmunks.	Full sun to partial shade. Intolerant of saturated soils.
<b>Twinberry</b> <i>Lonicera involucrata</i>	12'	Woody, branching shrub with conjoined yellow tubular flowers & glossy black berries framed by maroon bracts.	Prefers shade. Commonly found in moist sites near streams or wetlands.



# 2015 Conservation District Plant Sale Ordering Information

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## PLANTS:

Most plants are 1 to 2 year-old **bare-root seedlings** (no soil on the roots) ranging in size from 8" to 24", with the exception of twinberry which is a 36" cutting. Plants are sold in bundles of 10 of each species, except for conifer trees, which are also available in bundles of 25.

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## AVAILABILITY:

All plants are sold on a **first-come, first-serve basis**. Plants must be pre-ordered by **January 28, 2015** for pick up on **February 28, 2015**. Quantities are limited and many species sell out, thus early orders are advised. In the event we cannot fill part or all of your order, a plant substitution or refund will be offered.

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## PLANT PICK UP:

Plants are available for pick up on **February 28 (Saturday) at Lazy J Tree Farm** (located between Port Angeles and Sequim) from **9:30am to 12:30pm**. Unless prior arrangements are made, any plants not picked up on this date may be donated to restoration projects. Refunds won't be given for plants not picked up.

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## ORDERING:

Minimum order amount is \$25. All orders **must be prepaid**, either by cash or check. Sorry, we cannot accept credit cards. If paying with cash please have exact amount.

**Orders will be taken until January 28, 2015**

**By Mail:** Fill out the order form (available on our website starting December 1) and mail it along with a check payable to:

**Clallam Conservation District**  
228 W. First Street, Suite H  
Port Angeles, WA 98362



**In Person:** Stop by our office (Tuesday through Thursday, 9:00am to 4:00pm)

Once we receive your order, a receipt will be mailed or emailed out to you with information on when and where to pick up your plants. We will also mail you a reminder notice a couple of weeks prior to pick up day.

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## VOLUNTEERS:

If you would like to help fill orders on February 20, help organize orders on February 27, or distribute plants on February 28, please call Meghan Adamire at (360) 775-3747 ext. 1. Your help is greatly appreciated!

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## QUESTIONS:

Visit our **website** at: [www.clallamcd.org](http://www.clallamcd.org) for additional articles on native plants and a plant photo gallery with descriptions of the plants.

*OR*

**Give us a call** at (360) 775-3747 ext. 5

*OR*

**Stop by our office** at 228 W. First St., Suite H in Port Angeles (top floor, west end of the Armory Square building)

*OR*

**Attend our Planting and Maintaining a Native Landscape Workshop**

Learn how to select and care for newly acquired native plants, including incorporating them into residential landscapes, planting, and maintenance.

- **December 16, 2014** at the Port Angeles Public Library at 2210 South Peabody Street in Port Angeles from 3:30pm to 5:00pm



# **PREPARE YOUR HORSE & LIVESTOCK PROPERTY FOR WINTER**

**Check gutters and downspouts** to be sure they are clean and functioning properly. Be sure to divert water out of paddocks and remove animals from areas where they will come in contact with the water. If you don't have gutters and downspouts on your barns or shelters it isn't too late to install them. They can keep thousands of gallons of water from adding to mud problems.



## **Pick up manure on a regular basis.**

Manure adds to muddy conditions for animals, so if practical, try to remove manure every three days from stalls, paddocks, confinement areas and high traffic areas.



*Photo courtesy of Susan Strohl*

**Invest in a good wheelbarrow and lighting.** A two-wheeled wheelbarrow or cart can be much easier to maneuver than a wheelbarrow with one wheel. If you don't have lights in your barn consider investing in a good headlamp.



**Tarp manure piles** to keep nutrients in the pile from leaching out. One year of horse manure is equivalent to approximately \$150 of fertilizer, so why not keep those nutrients in your manure pile then spread them on your pastures or gardens next spring. Manure storage areas can be as simple as a few pallets held together with baling twine and a tarp on top, or as elaborate as concrete slabs with concrete or wood sides and a roof. Ensure your manure pile is located away from wells, ditches, streams and other waterways.

**Remove animals from pastures** and confine them in a winter paddock or sacrifice pasture. Grazing pastures below 4" in the fall will cause them to grow more slowly in the spring. Since grass is dormant during the winter it cannot survive being trampled and constantly grazed. Also wet soils will become compacted during the winter.

**Buy your winter supply of feed** or ensure that you can get a truck in to your barn to deliver hay during the winter months. An average 1,000-lb animal will need roughly 20 pounds of hay per day, more if the quality of the hay is poor. So for one 1,000-lb animal confined during the wet, rainy months (generally mid-October through mid-April) you will need nearly two tons of hay.

**Be prepared to water animals during freezing temperatures.** Frozen hoses or power outages can lead to animals not getting adequate

water. Consider purchasing stock tank heaters or large watering tanks to keep an adequate supply of water. Roof water can be diverted into stock tanks to keep a clean supply of water as well.



**Plan now for mud-free paddocks next winter.** Although it may be too late this year to install gravel mud-free paddocks (as seen in the picture to the left), now is a great time to plan for a mud-free winter next year.

Give us a call at 775-3747 for more information and assistance. We provide free technical assistance to horse and livestock owners in Clallam County. We can help you figure out a solution to your winter problems!

# 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.

Sponsorships help us offset costs associated with distributing the Conservation News, which now reaches 3,500 readers four times a year.

Thank you sponsors!!!



**Landscapes Northwest**  
Landscape & Irrigation  
*design, installation, consultation*

**Steve Gilchrist**  
LANDSN\*099PM      Sequim, WA      (360) 681-2583  
landnw@olympen.com

- \* Eagle Creek Tractor - Mike & Julie Gatchet
- \* Habitat Farms, LLC
- \* Landscapes NW
- \* Lila Morris LMP, Skookum Massage
- \* Nikola Broadband
- \* North Olympic Land Trust
- \* Peninsula Friends of Animals supporter
- \* Peninsula Nurseries
- \* Jim & Cherie Pickett

Clallam Conservation District is a subdivision 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.

## BOARD OF SUPERVISORS

Joe Murray, Chair  
Ben Smith, Vice-Chair  
Don Hatler, Auditor  
Matt Heins, Member  
Robert Beebe, Member

## DISTRICT STAFF

(360) 775-3747

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

## NATURAL RESOURCES CONSERVATION SERVICE

Jim Poffel  
(360) 452-8994 ext. 101

**WANT TO HELP US SAVE A TREE?**  
Join over 950 folks who are now receiving their newsletter by email. Call us at (360) 775-3747 or send an email to: [info@clallamcd.org](mailto:info@clallamcd.org) to start receiving a newsletter electronically.

- ⇒ Now Taking Orders for 2015 Plant Sale
- ⇒ 2015 Board of Supervisor Openings
- ⇒ Winter Tips for Horse and Livestock Owners

## INSIDE THIS ISSUE:

**CLALLAM CONSERVATION DISTRICT  
228 W. First St., Suite H  
PORT ANGELES, WA 98362**

Non-profit Org.  
U.S. Postage  
PAID  
Olympic Mailing  
Services



# 2015 Plant Sale Order Form

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

EMAIL \_\_\_\_\_

PHONE \_\_\_\_\_

## CLALLAM CONSERVATION DISTRICT

228 W. 1st St., Suite H  
Port Angeles, WA 98362  
Phone: (360) 775-3747 ext. 5  
Email: info@clallamcd.org  
Website: www.clallamcd.org

Can we send your receipt by email?

Yes  No

If you do not currently receive our newsletter, would you like to be added via:  Mail OR  Email

SPECIES	PRICE PER BUNDLE	QUANTITY (# of bundles)	PRICE
<b>CONIFER TREES</b>			
Douglas Fir	10 trees for \$15.00		\$
	25 trees for \$25.00		\$
Grand Fir	10 trees for \$15.00		\$
	25 trees for \$25.00		\$
Shore Pine	10 trees for \$15.00		\$
	25 trees for \$25.00		\$
Sitka Spruce	10 trees for \$15.00		\$
	25 trees for \$25.00		\$
Western Hemlock	10 trees for \$15.00		\$
	25 trees for \$25.00		\$
Western Red Cedar	10 trees for \$15.00		\$
	25 trees for \$25.00		\$
<b>DECIDUOUS TREES</b>			
Big Leaf Maple	10 trees for \$15.00		\$
Pacific Crabapple	10 trees for \$15.00		\$
Red Alder	10 trees for \$15.00		\$
Vine Maple	10 trees for \$15.00		\$
<b>DECIDUOUS SHRUBS</b>			
Blue Elderberry	10 shrubs for \$15.00		\$
Indian Plum	10 shrubs for \$15.00		\$
Mock Orange	10 shrubs for \$15.00		\$
Pacific Ninebark	10 shrubs for \$15.00		\$
Nootka Rose	10 shrubs for \$15.00		\$
Oceanspray	10 shrubs for \$15.00		\$
Red Elderberry	10 shrubs for \$15.00		\$
Red Flowering Currant	10 shrubs for \$15.00		\$
Red Osier Dogwood	10 shrubs for \$15.00		\$
Serviceberry	10 shrubs for \$15.00		\$
Snowberry	10 shrubs for \$15.00		\$
Thimbleberry	10 shrubs for \$15.00		\$
Twinberry - 36" cuttings	10 shrubs for \$15.00		\$
<b>EVERGREEN SHRUBS</b>			
Oregon Grape Tall	10 shrubs for \$15.00		\$

Please complete this form and return with payment (checks payable to **Clallam CD**) to the above address. Orders must be received by January 28, 2015. *Price includes tax.*

**TOTAL: \$**

*Note: \$25 minimum order*