

## Long-Range Plan Update

Conservation districts are required by state statute “to prepare and keep current a comprehensive long-range program recommending the conservation of all the renewable natural resources of the district.” Long-range plans are updated every five years, and Clallam’s current plan is due for updating.

Draft planning documents, including a general overview of the conservation district and inventory of renewable natural resources and conservation programs are available on our website. Please visit [www.clallamcd.org](http://www.clallamcd.org) to review these documents.

Draft plan updates are scheduled for review during the regularly scheduled December and January board meetings, which are held on the second Tuesday of each month beginning at 3:00pm at the Clallam Conservation District office. All conservation district board meetings are open to the public.

## It’s Board of Supervisors Election and Appointment Time

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 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.

At the regular monthly Board meeting scheduled for 3:00 pm on December 12, 2017 at Armory Square, 228 W. 1st St., Ste. H, Port Angeles, WA, the Clallam Conservation District Board of Supervisors will adopt a resolution setting the date, time, and location of the 2018 election. Donald Hatler’s term expires in 2018.

For more information, please contact the Clallam Conservation District or visit the Washington State Conservation Commission website at [www.scc.wa.gov](http://www.scc.wa.gov).

## PIC Open House—Matriotti Creek Project Underway

On Monday, December 11th from 5:00 to 7:00 PM Clallam County Environmental Health, along with partners, will hold an open house at the Sequim Prairie Grange (290 Macleay Road in Sequim) to share Pollution Identification & Correction (PIC) project updates. PIC aims to eliminate sources of bacterial pollution that impact human health and shellfish resources. From 2014 through 2017, cleanup has focused on the Meadowbrook Creek, 3 Crabs and Golden Sands neighborhoods. Now, the lower Matriotti Creek watershed will get some much needed help to battle long-term bacteria pollution issues.

Public participation and input is welcomed and attendees will have the opportunity to speak directly with project partners. Information such as project area maps, water quality data, project timelines, and more will be available during the open house. Visit the County PIC website (<http://www.clallam.net/hhs/EnvironmentalHealth/PICProject.html>) for more information and PIC updates.

# Planting Native Species for Pollinators Workshop

Learn how to plan, install and maintain wildflower meadows and native hedgerows, control noxious weeds, and improve pollinator-habitat for honeybees, butterflies and hummingbirds.

**WHEN:** Monday, January 22<sup>nd</sup> from 2:30 to 4:30PM

**WHERE:** Port Angeles Library Carver Room, 2210 S. Peabody St, Port Angeles

**REGISTRATION:** Free workshop, but pre-registration is required due to space limitations. Email [info@clallamcd.org](mailto:info@clallamcd.org) or call us at 360-775-3747 ext. 5 to register.

## SPEAKERS

**Eric Lee-Mader**, of Northwest Meadows, will present information on planting native pollinator species to provide habitat for bees, butterflies, hummingbirds, and beneficial insects, many of which are experiencing significant population declines. Northwest Meadows is a native seed farm, located on Whidbey Island that specializes in pollinator-friendly native flowers and grasses. Eric is also the Pollinator Program Co-Director for the Xerces Society, which focuses on protecting invertebrates and their habitats.



**Cathy Lucero**, Clallam County Noxious Weeds, will discuss the importance of controlling noxious weeds like Scotch broom and Himalayan blackberry, and replacing them with native species. While these plants do provide habitat for pollinators, their negative impacts on native plant communities do not make them ideal plants for pollinators. Cathy will share tips for successfully controlling these noxious weeds while promoting healthy, native plant communities.

**Conservation District staff** will provide information on the District's annual native plant sale, which includes many flowering tree and shrub species, as well as native pollinator seed packets.

## New to our Plant Sale - Native Pollinator Seed Mix

This year we are excited to announce that we are including a pollinator seed mix in the line-up of plants we are offering through our annual native plant sale. The mix is formulated to cover 100 square feet at a density of 40 seeds per square foot, and designed to attract bees, butterflies, hummingbirds, and beneficial insects.

The combination of native annuals and perennials in this seed mix provides an ongoing succession of flowers over multiple years. The seed mix even includes native bunch grasses to provide nesting habitat for bees and to reduce weed encroachment. Contents include:

**Annual Wildflowers 34%** - Douglas Meadowfoam (*Limnanthes douglasii*), Large Flower Collomia (*Collomia grandiflora*), Globe Gilia (*Gilia capitata*), Farewell to Spring (*Clarkia amoena*), Wine Cup Clarkia (*Clarkia purpurea*), Diamond Clarkia (*Clarkia rhomboidea*), Sea Blush (*Plectritis congesta*)

**Perennial Wildflowers 35%** - Springbank Clover (*Trifolium wormskioldii*), Douglas aster (*Symphotrichum subspicatum*), Self Heal (*Prunella vulgaris*), Western Yarrow (*Achillea millefolium*), Large Camas (*Camassia leichtinii*), Puget Sound Gumweed (*Grindelia integrifolia*), Canada Goldenrod (*Solidago canadensis*), Riverbank Lupine (*Lupinus rivularis*), Rose Checkermallow (*Sidalcea virgata*), Common Camas (*Camassia quamash*), Bigleaf Lupine (*Lupinus polyphyllus*), Meadow Checkermallow (*Sidalcea campestris*), Showy Milkweed (*Asclepias speciosa*) seen in above photo.



**Grasses 31%** - Prairie Junegrass (*Koeleria macrantha*), Blue Wild Rye (*Elymus glaucus*), Roemer's Fescue (*Festuca romerii*), California Oatgrass (*Danthonia californica*), California Brome (*Bromus carinatus*), Tufted Hairgrass (*Deschampsia cespitosa*), Meadow Barley (*Horedum brachyantherum*)

To establish the seed, it is recommended to sow on bare, weed-free ground. For more information on planting please join us at the workshop above, or refer to a wonderful step-by-step publication published by the Xerces Society, *Establishing Wildflower Meadows from Seed* at: <http://www.xerces.org/wp-content/uploads/2013/12/EstablishingPollinatorMeadows.pdf>



**Clallam  
Conservation  
District**

## 2018 NATIVE PLANT SALE

Since 1990, Clallam Conservation District has held an annual Native Plant Sale. Through our sales, over 305,000 native plants have found homes with thousands of Clallam County residents.

### **PLANT INFORMATION**

Most plants are 1 to 2 year-old **bare-root seedlings** (no soil on the roots) ranging in size from 8" to 24". Plants are sold in bundles of 10 of each species, except for conifer trees, which are available in bundles of 10 or 25. Visit our website [www.clallamcd.org](http://www.clallamcd.org) for additional information on native plants and a photo gallery of the plants available.



This year we are offering a **Native Pollinator Seed Mix**. The mix is formulated to cover 100 square feet at a density of 40 seeds per square foot, and designed to attract bees, butterflies, hummingbirds, and beneficial insects. The mix includes annual and perennial wildflowers and grasses.

### **PLANT AVAILABILITY**

All plants are sold on a **first-come, first-served basis**. Plants must be pre-ordered by **January 25, 2018**. Quantities are limited and species often sell out, so please order early. In the event we cannot fill part or all of your order, a plant substitution or refund will be offered.

### **PICKING UP PLANTS**

Plants will be available for pick up on **March 3, 2018 (Saturday) at Lazy J Tree Farm** (located between Port Angeles and Sequim at 225 Gehrke Road) from **9:30am to 12:00pm**. Unless prior arrangements are made, any plants not picked up on this date may be donated to restoration projects. Refunds will not be given for plants not picked up.

### **ORDERING INFORMATION**

The minimum order amount is \$25. All orders **must be prepaid**. We accept cash and checks, and if presented in person at our office, we now accept credit/debit cards.

**If ordering by mail please** fill out the order form available in our newsletter or on our website and mail it to our office along with a check.

**In Person:** Stop by our office at 228 W. First St., Suite H in Port Angeles (top floor, west end of the Armory Square Building) during our scheduled office hours (Tuesday through Thursday, 9:00am to 4:00pm)

Once we receive your order, a receipt will be mailed or emailed to you. We will also mail you a reminder notice in the form of a brightly colored postcard two weeks prior to pick up day.

### **VOLUNTEERS NEEDED**

If you would like to help fill orders on February 23 (Friday), organize orders on March 2 (Friday), or distribute plants on March 3 (Saturday), please call Meghan Adamire at (360) 775-3747 ext. 1. Your help is greatly appreciated.

### **WORKSHOPS: PLANTING & MAINTAINING A NATIVE LANDSCAPE**

Join Executive Director, Joe Holtrop to learn how to plan a native plant-based landscape. He will focus on species selection, planting and maintenance. Workshops are free, but please pre-register by emailing [info@clallamcd.org](mailto:info@clallamcd.org) or call (360) 775-3747 ext. 5.

**WHEN:** December 14, 2017 OR January 11, 2018

**TIME:** 2:30 to 4:00 PM

**WHERE:** Clallam County PUD - Lake Crescent Boardroom, 104 Hooker Road, Sequim, WA 98382

# 2018 Clallam Conservation District Native Plant Sale

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

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

EMAIL \_\_\_\_\_

PHONE \_\_\_\_\_

Mail to: **Clallam Conservation District**  
228 W 1st St., Suite H  
Port Angeles, WA 98362

**Phone:** (360) 775-3747 ext. 5

**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
		Bundle of 10	Bundle of 25	
<b>CONIFER TREES</b>				
Douglas Fir	10 for \$16.00 <b>OR</b> 25 for \$25			\$
Grand Fir	10 for \$16.00 <b>OR</b> 25 for \$25			\$
Shore Pine	10 for \$16.00 <b>OR</b> 25 for \$25			\$
Sitka Spruce	10 for \$16.00 <b>OR</b> 25 for \$25			\$
Western Hemlock	10 for \$16.00 <b>OR</b> 25 for \$25			\$
Western Red Cedar	10 for \$16.00 <b>OR</b> 25 for \$25			\$
<b>DECIDUOUS TREES</b>				
Big Leaf Maple	10 trees for \$16.00			\$
Pacific Crabapple	10 trees for \$16.00			\$
Red Alder	10 trees for \$16.00			\$
Rocky Mountain Maple	10 trees for \$16.00			\$
Vine Maple	10 trees for \$16.00			\$
<b>SHRUBS</b>				
Baldhip Rose - <i>New this year</i>	10 shrubs for \$16.00			\$
Blue Elderberry	10 shrubs for \$16.00			\$
Indian Plum	10 shrubs for \$16.00			\$
Mock Orange	10 shrubs for \$16.00			\$
Nootka Rose	10 shrubs for \$16.00			\$
Oceanspray	10 shrubs for \$16.00			\$
Oregon Grape Short - <i>Evergreen</i>	10 shrubs for \$16.00			\$
Pacific Ninebark	10 shrubs for \$16.00			\$
Red Elderberry	10 shrubs for \$16.00			\$
Red Flowering Currant	10 shrubs for \$16.00			\$
Red Osier Dogwood	10 shrubs for \$16.00			\$
Serviceberry	10 shrubs for \$16.00			\$
Snowberry	10 shrubs for \$16.00			\$
Thimbleberry	10 shrubs for \$16.00			\$
Twinberry	10 shrubs for \$16.00			\$
NATIVE POLLINATOR SEED	1 packet for \$10.00			\$

Please complete this form and return with payment (checks payable to **Clallam CD**) to the above address. We also accept credit/debit cards, presented in person at our office.

Orders must be received by January 25, 2018. Price includes tax.

**TOTAL \$**

**Note:** \$25 minimum order

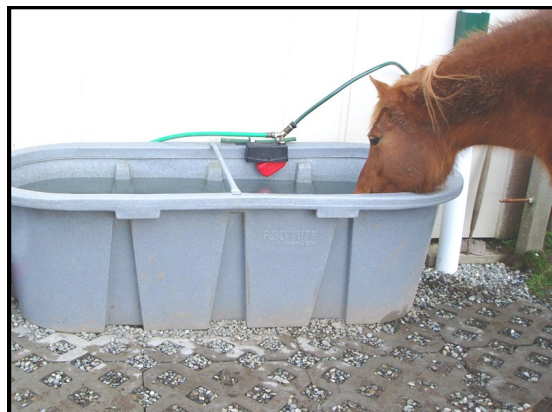
# Clallam Conservation District 2018 Native Plant Sale

SPECIES	Mature Height	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, high in 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.	Prefers shade when young. 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>Rocky Mountain Maple</b> <i>Acer glabrum</i>	30'	Small deciduous tree with gray to brown bark, deep emerald green leaves & red petioles. Weather tolerant.	Full sun to partial shade. Dry to somewhat moist sites.
<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>Baldhip Rose</b> <i>Rosa gymnocarpa</i>	5'	Small rose commonly found in open coniferous forests. Spreads 3-6'. Bloom lasts most of summer.	Partial sun to full shade. Dry to moist sites.
<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 partial shade. Moist, well-drained to dry soils.
<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 Low</b> <i>Mahonia nervosa</i>	2'	Broadleaved evergreen shrub with holly-like leaves. Clusters of yellow flowers and dark blue berries.	Full sun to partial shade. Dry to moist sites with well-drained soil.
<b>Pacific Ninebark</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>Red Elderberry</b> <i>Sambucus racemosa</i>	10-20'	Arching stemmed shrub with white flower clusters and red berries. Attractive to butterflies & birds.	Full sun to partial shade, moist to somewhat 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.	Sun or shade. Commonly found in moist sites near streams or wetlands.

## Winter Farm Tips

Our early winter weather abruptly ended the construction season for installing gravel, mud-free paddocks but don't fret; there's still plenty you can do now to improve your farm this winter!

- ⇒ Direct roof water away from livestock confinement areas, and ensure gutters and downspouts are in good working condition.
- ⇒ Remove debris, leaves and branches from drainage ditches, culverts, and storm drains.
- ⇒ Walk your farm during storm events and note where runoff water is impacting livestock areas. Use this information to develop a drainage plan for next year.
- ⇒ Confine your livestock in a sacrifice pasture to save the rest of your pastures from overgrazing and mud. Pick a high, dry pasture to "sacrifice" and ensure that is well away from wetlands, ditches, streams or ponds.



Capture roof runoff water and divert it to a stock tank. With a downspout diverter and float valve, water is diverted to a dry well when the tank is full.

## Manure Storage Structures

If you're itching for a rewarding and useful winter project, consider building a manure storage structure! They can be constructed any time of the year. A concrete base is ideal for large structures with routine tractor use, but most small farms can get by without a concrete base.

Here are a few tips to consider when planning your manure storage structure:

- Size – Plan for enough storage to accommodate 6 months of manure and stall waste. *Call the Conservation District for help with sizing based on your type and number of animals.*
- Location – Pick an area near livestock facilities but away from surface water and wells.
- Design – Walls can be constructed out of numerous materials such as concrete ecology blocks, poured concrete or lumber. Multiple bin systems allow for compost in different stages of decomposition.
- Ensure that there is easy wheelbarrow, vehicle, and tractor access to the structure.
- Install a roof or tarp to keep clean rainwater from mixing with the manure.



Concrete base with concrete ecology block walls and hooks for attaching a tarp cover during the wet months.



Wooden, 3-bin system with removable boards.



Wooden, 2-bin system with an equipment storage area on the far left, creates a tidy area to store manure, carts and manure forks.

# 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!



**John Bornsworth**  
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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

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

## Office Hours

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

Over 1,400 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?**

- ⇐ Long Range Plan and Upcoming Election
- ⇐ Workshop: Planting for Pollinators
- ⇐ Annual Native Plant Sale Info & Order Form
- ⇐ Manure Storage Structures

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**CLALLAM CONSERVATION DISTRICT**  
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