

Orca Recovery Day Volunteer Planting Project

With the population of Southern Resident Orca Whales at a 30-year low, the need for large scale restoration efforts has become crucial. Accustomed to being boots on the ground organizations, Washington conservation districts saw the need to mobilize people into action and created Orca Recovery Day, a day of action that brought 2,300 people throughout the Pacific Northwest to 65 events to restore habitat, reduce stormwater pollution, and provide education. Governor Jay Inslee even declared his support for the effort, officially proclaiming October 19, 2019 as Orca Recovery Day.



Locally, Clallam Conservation District teamed up with the Lower Elwha Klallam Tribe Natural Resource Department to help restore habitat along the Elwha River near Port Angeles. Removal of the Elwha Dam in 2011 and the Glines Canyon Dam in 2014 gave unrestricted passage to Chinook salmon, as well as other fish species, to make their way through the Elwha River system. The dam removals left roughly 600 acres of former lakebeds to return to native forests for the freed up Elwha River to flow through; however, harsh growing conditions, such as no top soil, have made establishing conifers a challenge.

The Elwha Orca Recovery Day event started with a moving introduction of the importance of salmon and the ecosystem of the river as told by Lower Elwha Klallam Tribal members Mark Charles and Gerald Foster through their songs and stories. Then 70 volunteers, including 11 children, braved wet, windy weather to plant 1,738 trees along the Elwha River in the former Lake Aldwell reservoir. In time, these small trees will provide vital shade to the river and contribute large woody debris to create excellent salmon habitat, which is crucial to the recovery of the Southern Resident Orca Whale whose diet is comprised of 80% salmon. *(continued on next page)*

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 projects 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. Two are appointed by the Washington State Conservation Commission. Bob Beebe's elected term expires in 2020.

The Clallam Conservation District Board of Supervisors adopted a resolution at the November Board meeting setting the date, time, and location of the 2020 election to be held on Thursday, March 12, 2019 from 12:00pm to 7:00pm at the Clallam Conservation District office.

For more information, please contact the Clallam Conservation District or visit the Washington State Conservation Commission website at www.scc.wa.gov.

UPCOMING NATIVE PLANT WORKSHOPS



Planting Native Species for Pollinators

January 8, 2019 - 3:00pm to 4:30pm - Port Angeles Library

Clallam Conservation District is thrilled to once again host Eric Lee-Mader of Northwest Meadows-capes, with his very popular presentation on improving pollinator habitat for honeybees, butterflies and hummingbirds. He will walk through a step-by-step process to properly plan, install and maintain wildflower meadows and native hedgerows, and improve existing pollinator habitat.

Northwest Meadows-capes 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.

Pre-registration required, sign up at <https://clallamcd.org/events> or call 360-775-3747 ext. 5.

Planting & Maintaining a Native Landscape - Offered at two locations

January 9, 2019 - 3:30pm to 5:00pm - Port Angeles Library

OR

January 16, 2019 - 3:30pm to 5:00pm - Dungeness River Audubon Center in Sequim

Join Clallam Conservation District's Executive Director, Joe Holtrop, to learn how to plan a native plant-based landscape. He will focus on species selection, planting and maintenance, and help participants choose plants from the District's annual plant sale that are the best fit for their land.

Pre-registration required, sign up at <https://clallamcd.org/events> or call 360-775-3747 ext. 5.

Orca Recovery Day *(continued from previous page)*

At the completion of the event, Clallam Conservation District's 60th Anniversary was celebrated with cake and refreshments, made possible by a generous donation from Sound Community Bank. The event generated nearly zero waste with the help of Sisterland Farms, which took all the compostable trash to incorporate into their compost system. Visit the District's Facebook page to view more photos from the event.

For More Information: Visit www.betterground.org/ord to find more detailed information on Orca Recovery Day throughout the state, a detailed interactive story map of the issues facing Southern Resident Orcas, and actions people can take daily or at their own homes to positively impact the recovery of the endangered Orca whales. For local information please visit www.clallamcd.org.



Spruce Help Cedar Survive Browse

Deer and elk frequently browse newly planted western red cedar, leading to stunted growth or even complete death of the seedling. Planting cedar and Sitka spruce next to each other can deter browse, because deer don't like the sharp spruce needles, thus the cedar is protected. This great article sums up how it works: <https://sflonews.wordpress.com/2019/08/01/sitka-spruce-can-shepherd-your-cedars-toward-maturity/>

Find Us on Facebook

Please "like" Clallam Conservation District on *Facebook* to receive updates on our plant sale, workshop announcements, tips for horse and live-stock owners, natural landscaping ideas and more!



Preparing your Farm for the Winter

Caring for livestock during winter months can be challenging. Below are some suggestions to make life a bit easier for both you and your critters:

Prep Your Winter Pens

- 1) Add gravel to your existing heavy use areas, ensuring a 2% slope to allow for rain runoff.
- 2) Maintain a minimum of 6 inches of compacted gravel.
- 3) Install good outdoor lighting that allows cleaning of the pens in the dark. Longevity of mud-free heavy use areas is prolonged by daily, or even twice daily manure removal.
- 4) If you turn your animal out for exercise, don't allow them to go back and forth between exercise areas and your gravel heavy use area. Doing so allows mud to be tracked onto the gravel and reduces the longevity of the area.
- 5) Haven't installed a mud-free gravel heavy use area yet, give us a call, we can help you come up with ideas to make this winter easier and a plan for building ones when the ground dries up.



A gravel heavy use area in excellent shape due to daily manure removal.

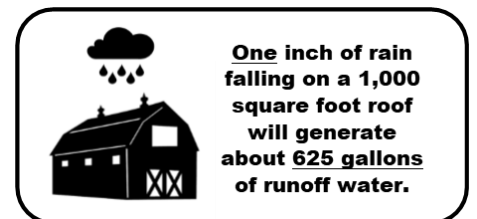
Plan for Manure

Even small livestock, like poultry, can generate an overwhelming amount of manure and waste each month. Large animals, like horses, produce about 50 pounds per day which is equivalent to about 6 cubic yards in 6 months. Manure should be collected on a regular basis, ideally daily. ***All manure piles should be covered with a tarp to keep valuable nutrients from leaching out.***

If you don't have enough room to store manure through the winter to utilize in the spring, drop us an email or give us a call to be added to the "supplier list" through our ***Manure Share Program***. The program connects people who have extra horse or livestock manure with gardeners and landscapers who need it.

Gutters and Downspouts

Make sure gutters are free of leaves and debris and that roof water is directed AWAY from livestock areas. It's not too late to install gutters and downspouts on your barns and shelters!



Upcoming Horse & Livestock Workshops

We're working on some exciting educational events for later this winter and early spring including:

- ⇒ Chicken-Keeping 101
- ⇒ Identifying & controlling weeds
- ⇒ Farm tour showcasing mud-free paddocks



Sign-up for our **NEW** horse and livestock mailing list at: www.clallamcd.org/conservation-on-the-farm. We'll notify you of upcoming educational workshops, events and publications.

Thank You Coastal Farm & Ranch and Bentgate Farms for letting us hold our fall pasture management workshop series at your facilities.

Participants at the Coastal event learned tips for caring for their pastures in the fall, such as avoiding overgrazing, which depletes grass energy reserves needed to survive the winter. Bentgate Farm's rotational pastures tour attendees learned that a key component of healthy pastures is removing animals during the wet months and confining them in winter pens.

INSIDE THIS ISSUE:

- ⇒ 2020 Annual Native Plant Sale
- ⇒ Board of Supervisors Election
- ⇒ Orca Recover Day a Huge Success
- ⇒ Winter Tips for Horse & Livestock Owners

WANT TO HELP US SAVE A TREE?

Over 1,800 people are having their newsletter delivered via email. Call us at (360) 775-3747 ext. 5 or send an email to: info@clallamcd.org to start receiving your newsletter electronically.

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 Army Square Building).

BOARD OF SUPERVISORS

Matt Heins, Chair
 Ben Smith, Vice-Chair
 Robert Beebe, Auditor
 Scott Chitwood, Member
 Christy Cox, Member

DISTRICT STAFF

(360) 775-3747
Executive Director: Joe Holtrop
Admin. Assistant: Judy Minnoch
Conservation Planners:
 Meghan Adamire & Jennifer Bond

Office Hours

Tues. - Thurs. - 9:00 AM to 4:00 PM
 Mon. & Fri. - by appointment

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. They help offset publishing and distributing costs to reach over 4,000 readers.

* **Eagle Creek Tractor**
 (360) 683-9391

* **Eastern Pacific Restoration**
 (805) 798-2643


* **Nikola Broadband Peninsula**
 (360) 582-1051

* **Environmental Group**
 (360) 819-3081

* **John and Kriss Seago**

* **Call Us to Feature Your Name Here**

Eagle Creek Tractor And Garden Services



Tilling, Mowing, Mulching
 Landscape, Grading
 Native Plants, Materials

Mike Gatchet
 485 Diamond Point Rd.
 Sequim, WA 98382
 www.eaglecreektractorandgarden.com
 Reg. No. EAGLECT917DO
 Bonded & Insured
 360-683-9391
 360-477-9303

Nikola Broadband

Serving Fairview to Blyn
 360 582-1051
 224 W Washington #104 Sequim
 www.nikolabroadband.com



Since 1990, Clallam Conservation District has held an annual Native Plant Sale, enabling over 355,000 native plants to find 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/native-plants for additional information on native plants and a photo gallery of the plants available.

We also sell 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, species details can be found on our website using the link above.

PLANT AVAILABILITY

All plants are sold on a **first-come, first-served basis**. Plants must be pre-ordered by **January 27, 2020**. 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.

Why is Our Sale in the Winter?

The nursery in Bow, WA we purchase plants from can't begin pulling plants from the ground until dormant. They need 300-400 hours of temperatures below 40 degrees F to ensure deep dormancy. This means harvest usually begins in early December.

ORDERING INFORMATION

All orders must be prepaid.

If ordering through our **NEW online system** at www.clallamcd.org, please follow the steps on our website to place your order. A receipt will be emailed to you upon checkout.

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. Once we receive your order, you will be mailed or emailed a receipt.

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**). We accept cash, check, and credit/debit cards in our office.

PICKING UP PLANTS

Plants will be available for pick-up on **February 29, 2020 (Saturday) at Lazy J Tree Farm** (located between Port Angeles and Sequim at 225 Gehrke Road) from **9:30am to 12:00pm**. We will mail you a reminder notice in the form of a brightly colored postcard two weeks prior to pick-up day. Please bring the postcard with you when picking up your plants for quicker pick-up.

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.

VOLUNTEERS NEEDED

We need volunteers for several days the last two weeks in February to get plants bundled and sorted into orders. We are still working on scheduling dates, so if you are interested in helping out, please go to our website www.clallamcd.org/volunteering to sign up, or call Meghan Adamire at (360) 775-3747 ext. 1. We will place you on a list and email you as soon as we secure our volunteer dates. Thank you, without volunteer help our plant sale wouldn't be possible.

Clallam Conservation District 2020 Native Plant Sale

SPECIES	Mature Height	PLANT DESCRIPTION & USE	HABITAT
EVERGREEN TREES			
Douglas Fir <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.
Grand Fir <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.
Shore Pine <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.
Sitka Spruce <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.
Western Hemlock <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.
Western Red Cedar <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.
DECIDUOUS TREES			
Big Leaf Maple <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.
Pacific Crabapple <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.
Red Alder <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.
Rocky Mountain Maple <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.
Vine Maple <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.
SHRUBS			
Blue Elderberry <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.
Indian Plum <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.
Mock Orange <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.
Nootka Rose <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.
Oceanspray <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.
Oregon Grape Low <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.
Pacific Ninebark <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.
Red Elderberry <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.
Red Flowering Currant <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.
Red Osier Dogwood <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.
Serviceberry <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.
Snowberry <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.
Thimbleberry <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.
Twinberry <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.
NATIVE POLLINATOR SEED MIX - Please visit our website at www.clallamcd.org/native-plants for seed mix details.			

2020 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	
CONIFER TREES				
Douglas Fir	10 for \$16.00 OR 25 for \$25			\$
Grand Fir	10 for \$16.00 OR 25 for \$25			\$
Shore Pine	10 for \$16.00 OR 25 for \$25			\$
Sitka Spruce	10 for \$16.00 OR 25 for \$25			\$
Western Hemlock	10 for \$16.00 OR 25 for \$25			\$
Western Red Cedar	10 for \$16.00 OR 25 for \$25			\$
DECIDUOUS TREES				
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			\$
SHRUBS				
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 Low - <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			\$

TOTAL \$

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, or we are now set up for **online ordering of plants through our website www.clallamcd.org**.

**Orders must be received
by January 27, 2020.
Price includes tax.**