

## Exhibit C: Coaledo Drainage District Tide Gate Replacement and Beaver Slough Fish Passage Project Planting Details

Restore 3 miles of riparian habitat to mitigate climate change by creating a thermal corridor for cold water from the Coquille Valley Wildlife Area to reach the Coquille River. This includes planting 13 acres of riparian forest and building 16,000' of livestock exclusion fencing.

### Planting Details

A total of 18 riparian acres will be enhanced with 1.75 miles receiving an average 50' riparian buffer (approx. 11 acres) and 1.25 miles receiving an average 15' riparian buffer (approx. 7 acres). All slumping areas and lower banks will be heavily planted with willow stakes and the upper banks will be planted with other native conifers, hardwoods, and shrubs to add diversity (See Figure 1 for Planting Diagram). The contractor will be responsible for pick-up and delivery of bareroot plants. Local nursery stock will be acquired prior to outsourcing.

All bareroot plants will be protected with 4' Vexar tubing and secured with a 5' bamboo stake. Additionally, 700 black cottonwood trees will be protected with 12" diameter tree cages of 4' tall, 14-gauge (or greater), galvanized steel, 2"x4" mesh welded wire protection cages; secured with 2 - 1"x2"x5' or 2"x2"x5' wooden stakes. Planting will occur between November 2023 and March 2024. Sourcing and delivery of plant protection materials will be the responsibility of the contractor.

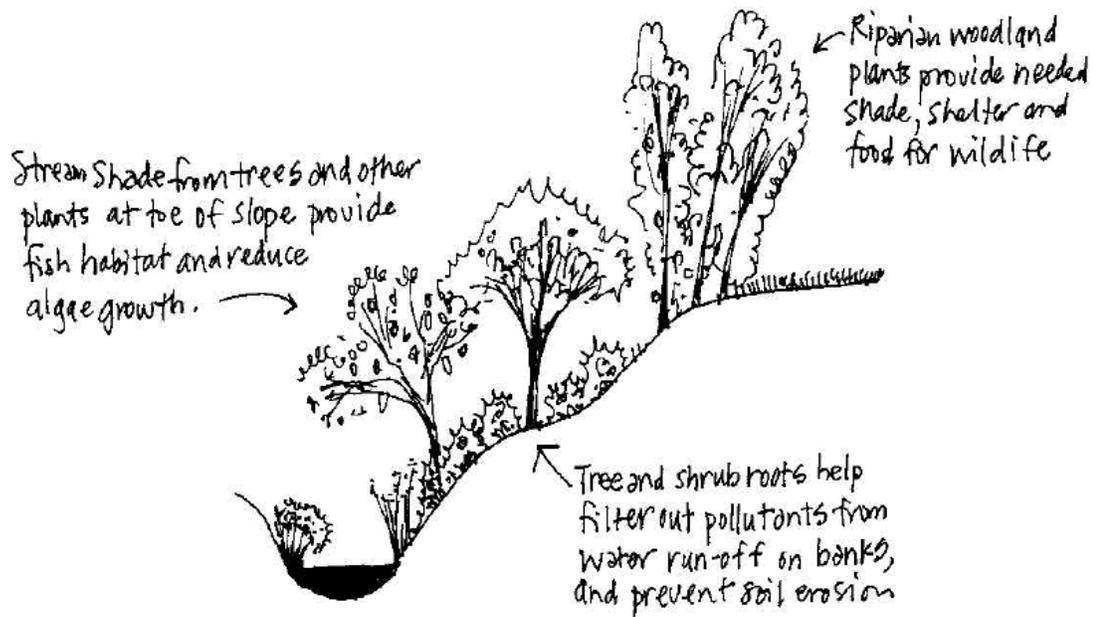


Figure 1 Planting Diagram

All planting sites will have site-specific planting plans (See Figure 2 for map of Planting Sites) that take into consideration terrain, existing riparian composition, animal activity, flood-prone conditions, soil saturation/drainage and desired outcomes.

**Adjacent Slough Planting Sites:** The riparian areas along will be densely planted with 3' willow stakes.

**Upper Coquille and Beaver Slough Planting Site:** Willow, red osier dogwood, and elderberry will be placed lower on the bank to provide shrub cover and reduce solar loading within a couple of years. This tier of planting also creates low velocity areas for juveniles to seek refuge within the channel. Larger hardwoods and conifers such as black cottonwood, Douglas fir, Sitka spruce, western red cedar, Oregon ash, big leaf maple and others will be placed higher on the bank to replicate over story structure (See Table 1 for more information on species quantity, sourcing, and spacing). One river access area within the Upper Coquille Planting Site will not be planted and only shrubs and hardwoods will be planted within 15 feet of either side to maintain openness as plants reach maturity.

**Lower Coquille Planting Site:** Interplanting of Sitka spruce, western red cedar, and Oregon ash will occur in areas where trees have been removed or where pasture is being converted to riparian forest (See Table 1 for more information on species quantity, sourcing, and spacing). This planting site currently has a mostly intact riparian area.

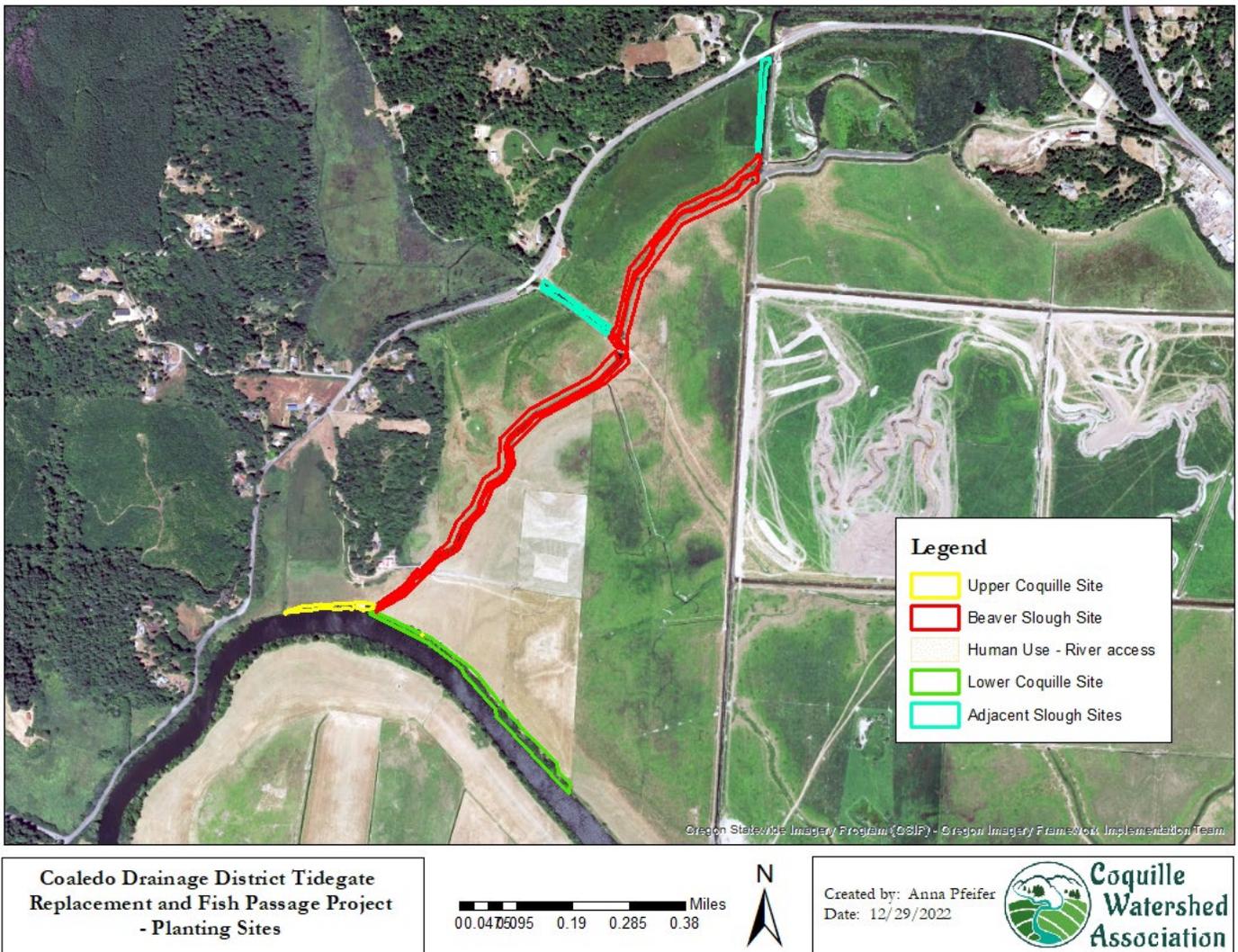


Figure 2: Coaledo Planting Sites

Table 1: Coaledo Planting Prescription including plant species, sourcing, spacing, and quantities. Note: Plant species may vary depending on availability, site conditions and landowner preference.

<b>Coaledo Planting Prescription</b>			
Prescribed plants per acre (13 acres):		500 bareroot/acre	
Site Competition:		Moderate	
Percent Protected:		85%	
Species	Stock Source	Spacing	Amount
Willow Cuttings	Landowner property/ local harvest	Between 1'x1' and 4'x4' clusters	1300
Black Cottonwood	Local harvest and nursery stock	4'x4' clusters	700
Douglas Fir	Local nursery stock	12'x12'	200
Sitka Spruce	Local nursery stock	12'x12'	560
Western Red Cedar	Local nursery stock	12'x12'	560
Big Leaf Maple	Local nursery stock	8'x8'	450
Oregon Ash	Local nursery stock	4'x4' clusters	655
Red Osier Dogwood	Local harvest/ nursery stock	3'x3' clusters	600
Elderberry	Local nursery stock	3'x3'	300
Oregon Crabapple	Local nursery stock	various	450
Douglas Spirea	Local nursery stock	8'x8'	250
Twinberry	Local nursery stock	3'x3' clusters	250
Indian plum	Local nursery stock	Random 12'x12'	350
Snowberry	Local nursery stock	Random 12'x12'	200
Evergreen Huckleberry	Local nursery stock	3'x3'	200
<b>Total</b>			<b>7,025</b>