



# Riparian Lands TAX INCENTIVE PROGRAM

## Riparian Management Plan

Order in Riparian Management Plans filed in the calendar year: 12 / 50

### Landowner Information

Name(s): *Firstname Lastname*

Street Address:

*1234 Anystreet St.*

City:

*Springville*

State:

*OR*

ZIP Code:

*97229*

Phone:

*123-456-7890*

Email:

*Firstname.lastname@gmail.com*

### Property Description

Primary Site Address:

*4567 Sitestreet St.*

City:

*Springville*

State:

*OR*

ZIP Code:

*97229*

Township

Range

Section

Quarter

Tax Lot(s)

Property ID

Riparian Acres

*01S*

*02W*

*03*

*AA*

*00123*

*R123456*

*6.34*

Stream Name:

*Mohawk River*

Stream ID Number:

*n/a*

Total Riparian Acreage:

*6.34 acres*

Miles of Streambank:

*.86 mi*

Linear feet of unstable streambank:

*120 ft*

County:

*Lane*

Property Land Use Zoning:

*EFU80: Exclusive Farm Use 80*

ODFW Fish District: *Mid Willamette*

ODFW Watershed District: *South Willamette*

Soil and Water Conservation District: *Upper Willamette SWCD*

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## Supplemental Property Details

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Oregon Conservation Strategy Ecoregion: *Willamette Valley*

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Within Oregon Conservation Strategy Conservation Opportunity Area (COA)

COA Name: *Mohawk River*

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Within urban growth boundary (UGB)

UGB Name:

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## Plan Details

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Existing vegetative condition on riparian land:

*The riparian zone has a mature overstory of Western red cedar, Douglas fir, red alder, black cottonwood, and some western hemlock. The understory is dominated by salmonberry, sword fern, western hazel, elderberry and vine maple, however other shrubs and herbaceous native plants are present. The riparian forest is mature and contains full canopy cover with the exception of an area that is used in the summer for family picnics (about 60 feet across). Wildlife snags are present, as is downed wood.*

Vegetative condition objectives to be achieved by implementing this plan:

- 1) Maintain existing high quality habitat. Maintain dead standing wood (snags), maintain native species dominated plant assemblage, maintain downed wood, and maintain relative acreage associated with the riparian forest habitat type.*
- 2) Continue manual, mechanical or chemical containment of target invasive species. Target invasive species include blackberry, Herb Robert, Scotch broom English holly and English ivy. Periodically monitor area for new invasive species.*

Soil Conditions:

*See the attached soil report for a full summary. Soil is predominately Alspaugh clay loam at 8 to 15 percent slopes.*

Existing land use/activity on land immediately adjacent to riparian land:

*A small family farm including an apple orchard and homesite, including driveways and a barn.*

Proposed land use/activity changes (if any) on land immediately adjacent to riparian land:

*None*

Describe in detail the specific management practices the landowner will implement to meet the program objectives and a timeline for implementation of these management practices:

### *Remove Himalayan blackberry and other invasive species.*

Herbicide application will take place where/when appropriate per landowner discretion. Control of invasives species will be conducted by manual, mechanical and chemical methods or a combination of the three. The best time to spray herbicide is in the fall (Between September 15 and Nov 15), so that they do not affect non target species such as the spring forbs. Large blackberry patches should be cut after August 1 to avoid critical nesting season for migratory birds and then sprayed in late September/early October for the most effective control with a minimum quantity of herbicide used. Extreme care needs to be taken when using chemical around water bodies of any type. The herbicide should be labeled specifically for use around water. Herbicides will be applied according to label and with a surfactant to minimize drift. Some invasive species require time sensitive application.

1. **Himalayan Blackberry** - Seedlings will be hand pulled. Mature plants can be hand-dug (small patches) or mowed. Chemical application after berries fall off in the fall may be utilized at landowner discretion.
2. **Herb Robert** - Seedlings and mature plants can be hand pulled. Chemical control should be used during the active plant growth stages in April, May and June. Chemical application will be less effective after July 1. Extra care not to disturb wildlife needs to be taken as the application time is in the height of nesting bird and wildlife birthing season.
3. **Scotch Broom** - Large tall bushes can be mowed in the late summer through the winter. Hand pulling with weed wrenches can also occurred in late summer, fall and winter until April 1 when nesting bird season begins. Chemical application has to occur in the spring just before bloom when leaves are at minimum surface area and activity, ideally before April 1.
4. **English Holly** - Seedlings will be hand pulled. Holly trees will be cut and removed. Stumps (high or low) will be treated with herbicide immediately upon cutting to prevent re-sprouting. It is extremely difficult to achieve success from foliar sprays.

### *Implementation Schedule*

The Conservation and Management Practices as described above will be implemented in the applicable habitat type according to the following seasonal schedule:

#### **YEARS 1 THROUGH YEAR 5: 2019-2024**

The Conservation and Management Practices will be implemented according to the following schedule:

#### **Winter/Spring:**

- o Mechanical removal (cutting/mowing/chopping) of blackberry and holly can take place before April 1st.
- o Apply herbicide to scotch broom, ideally before April 1<sup>st</sup>, if scotch broom has not sprouted, use care to apply herbicide during breeding season.
- o Apply herbicide to herb robert April-June. Use care in order to avoid nesting birds or poisoning food sources.

#### **Summer (after August 1):**

- Hand cut blackberry canes, pull holly saplings, and clip holly trees during this time. Only use large equipment after August 1<sup>st</sup> (i.e. mower).
- Mow/clip scotch broom.

**Fall:**

- Apply herbicides in the fall (after September 15) to blackberry and holly just after berries have fallen off or just before leaves start turning. This is the time when the plant is taking nutrients from the leaves and stems back up and maximizes herbicide effectiveness. This will also avoid /minimize potential negative impacts to wildlife.

**Expected Physical Features, Vegetation and Wildlife Habitats**

The following future results are anticipated as a result of implementation of the above described Conservation and Management Practices:

**Creek and Associated Riparian Habitat**

The creek and riparian habitat should continue to develop from mature to late seral stage forest with associated understory species if invasive plant species are controlled.

It will continue to serve as a deposition area for erosion caused by upstream land uses.

**Areas Managed for Uses Not Included in the RLTP**

Home, roadways, shop/garage, garden on 3.2 acres of land.

**Dwellings, Roads, Fences, and Other Man-Made Structures**

Existing dwellings, roads and shop/garage will remain the same.

**Sensitive, Threatened or Endangered Plants**

Currently, no sensitive, threatened, or endangered plants are known to occur on the property. If they become established or discovered, they will be protected.

**Sensitive, Threatened or Endangered Wildlife and Fish**

Additional species, and numbers of sensitive, threatened, or endangered wildlife are already observed on the property of interest or that may potentially occur will continue to increase as habitat conditions and functions are maintained and/or improved.

**Additional Provisions**

**Recreational Activities:**

The landowners are and aim to continue being good stewards of the land, not disturbing the vegetation, habitats, soil, or wildlife in a manner that is detrimental to the overall goal of benefiting wildlife and riparian habitats. Passive recreational activities (i.e., wildlife viewing, photography, plant identification, and walking) will occur on the property by the landowner. Intensive recreation will not occur.

*Control of Dogs and Other Pets:*

Domestic pets are kept at the property by the landowner. The dog and any other pets will not chase, harass, or harm wildlife using enrolled property if outside of the fenced area.

*Grazing Management:*

No grazing will occur on the property.

*Fire Protection:*

The landowner will maintain the existing firebreak around the residential dwelling, cutting grass and irrigating where and when necessary.

*Noxious Weeds*

The landowners will control / manage the noxious weeds, to the best of their ability, which occur on the property. The following plants will be excluded from future plantings and will be removed if they are discovered on the property: English Ivy, Herb Robert, Butterfly Bush and Scotch Broom.

*Submittal of Yearly Status Reports*

The landowner or approved agent shall submit annual reports detailing progress and status of the conservation plan and implementation schedule. Reports will be submitted yearly within the month of their approved application and are to be submitted to the ODFW (i.e., signatory). Reports will be accompanied by photographic documentation and should detail all activities conducted to date for each practice listed in the Implementation Schedule. Reports will be accompanied by photo documentation and shall reflect representative restoration areas within the site. ODFW staff biologists may also monitor the site at regular intervals to ensure compliance is met. A letter documenting findings may subsequently be submitted to the County Assessor's office for review or be provided to the County upon request.

**Attach a map** of this property with a scale of 4 inches/mile or 8 inches/mile (unless otherwise authorized by the Department). The map must indicate the legal description of the property, the boundaries of the riparian land subject to this plan, the associated stream name and location, and the landowner's property boundaries.

**Amendments to Riparian Management Plans:** *The landowner may amend a riparian management plan by resubmitting a new riparian management plan and agreement to the Department for review and approval as described in OAR 635-430-0300 through 635-430-0430.*