

Change of Classification (Chapters 84.33 and 84.34 RCW)

Tax Code: _____

County: **SNOHOMISH**

File With County Assessor

<p>Applicant(s) name and address: <i>Jay A Kuhnhen</i> <i>Julie D Kuhnhen</i> <i>Marcia A Burnham</i></p> <p>Phone No: <u>425 931 2358</u></p> <p>Land subject to this application (legal description): <i>Lot 4 of Snohomish County Short Plat PN-01-113615SP Recorded under Auditor File # 200312055018, Records of Snohomish County, Washington, Being a portion of the Northwest Quarter of the Northeast Quarter of Section 17, Township 32 North, Range 9 East, W.M.</i></p>	<p>Assessor's Parcel or Account No: <u>32091700100900</u></p> <p>Auditor's File No. on original application: <hr/></p> <div style="text-align: center; border: 2px solid red; padding: 10px; color: red; font-weight: bold; font-size: 1.2em;"> RECEIVED JUN 30 2021 EXEMPTION DEPARTMENT </div>
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Change of Classification (Check appropriate box)

The land is currently classified as Farm and Agricultural land under RCW 84.34.020(2) and I hereby request reclassification as:

- Timber land as provided under RCW 84.34.020(3), unless county has merged their timber land classification into their designated forest land program. (Attach completed form REV 64 0109 or 64 0111 and a timber-management plan)
- Open Space land as provided under RCW 84.34.020(1). (Attach completed form REV 64 0021)
- Forest Land classification under Chapter 84.33 RCW. (Attach completed form REV 62 0021 or 62 0110)
- Farm and Agricultural Conservation land as defined in RCW 84.34.020(8)(a). (Attach completed form REV 64 0021)

The land is currently classified as Farm and Agricultural Conservation land under RCW 84.34.020(8)(a) and I hereby request reclassification to:

- Farm and Agricultural land under RCW 84.34.020(2). (Attach completed form REV 64 0024 or 64 0108)

The land is currently classified as Timber land under RCW 84.34.020(3) and I hereby request reclassification as:

- Forest land classification under Chapter 84.33 RCW. (Attach completed form REV 62 0021 or 62 0110)
- Open Space land as provided under RCW 84.34.020(1). (Attach completed form REV 64 0021)
- Farm and Agricultural land as provided under RCW 84.34.020(2). (Attach completed form REV 64 0024 or 64 0108)

NOTE: If request to change classification is approved, no additional tax, interest, and penalty will be imposed.

Requests to transfer from Forest Land designation under provisions of Chapter 84.33 RCW to Current Use classification under Chapter 84.34 RCW should be made on REV 64 0038.

Attachment:

- | | | | |
|---|--------------------------------------|--------------------------------------|--------------------------------------|
| <input type="checkbox"/> REV 62 0021 | <input type="checkbox"/> REV 64 0021 | <input type="checkbox"/> REV 64 0108 | <input type="checkbox"/> REV 64 0111 |
| <input type="checkbox"/> REV 62 0110 | <input type="checkbox"/> REV 64 0024 | <input type="checkbox"/> REV 64 0109 | |
| <input type="checkbox"/> Timber Management Plan | | | |

REV 64 0060 (6/5/14)

OPEN SPACE
 Assessor's
 Application No.
3226

General Information

RECLASSIFICATIONS are defined in RCW 84.34.070(2) as follows:

- (2) The following reclassifications are not considered withdrawals or removals and are not subject to additional tax under RCW 84.34.108:
 - (a) Reclassification between lands under RCW 84.34.020(2) and (3);
 - (b) Reclassification of land classified under RCW 84.34.020(2) or (3) or Chapter 84.33 RCW to open space land under RCW 84.34.020(1);
 - (c) Reclassification of land classified under RCW 84.34.020(2) or (3) to forest land classified under Chapter 84.33 RCW; and
 - (d) Reclassification of land classified as open space land under RCW 84.34.020(1)(c) and reclassified to farm and agricultural land under RCW 84.34.020(2) if the land had been previously classified as farm and agricultural land under RCW 84.34.020(2).
- (3) Applications for reclassification shall be subject to applicable provisions of RCW 84.34.035, 84.34.037, 84.34.041, and Chapter 84.33 RCW.
- (4) The income criteria for land classified under RCW 84.34.020(2)(b) and (c) may be deferred for land being reclassified from land classified under RCW 84.34.020(1)(c) or (3), or Chapter 84.33 RCW into RCW 84.34.020(2)(b) or (c) for a period of up to five years from the date of reclassification.

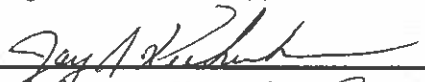

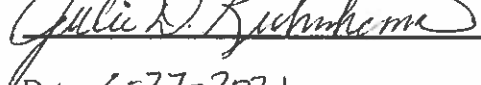
FARM AND AGRICULTURAL CONSERVATION LAND is defined in RCW 84.34.020(8)(a & b) as follows:

- (8) "Farm and agricultural conservation land" means either:
 - (a) Land that was previously classified under RCW 84.34.020(2), that no longer meets the criteria and is reclassified under RCW 84.34.020 (1)(c); or
 - (b) Land that is traditional farmland that is not classified under Chapter 84.33 or 84.34 RCW, that has not been irrevocably devoted to a use inconsistent with agricultural uses, and that has a high potential for returning to commercial agriculture.

And also defined in RCW 84.34.037(2)(c) as follows:

- (c) Whether granting the application for land applying under RCW 84.34.020(1)(c) will; (i) preserve land previously classified under RCW 84.34.020(2) or preserve land that is traditional farmland and not classified under Chapter 84.33 or 84.34 RCW; (ii) preserve land with a potential for returning to commercial agriculture; and (iii) affect any other factors relevant in weighing benefits to the general welfare of preserving the current use of property.

Signatures of Owner(s) or Contract Purchaser(s):

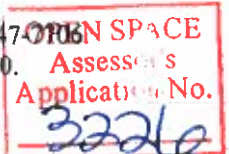



Date 6-27-2021

Assessor Use Only

If the parcel(s) subject to this document is considered contiguous, as defined in RCW 84.34.020(6), with other parcels having different ownerships, verify all remaining classified parcels with different ownerships are still:

- Adjoining
 Being managed as part of a single operation
 Meeting the definition of "family" as defined in RCW 84.34.020(6)(b)(ii) with the owner of an adjoining parcel

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Application for Classification or Reclassification
Open Space Land
Chapter 84.34 RCW

RECEIVED
JUN 30 2021
EXEMPTION
DEPARTMENT

File With The County Legislative Authority

Name of Owner(s): Jay A Kuhnhen
Julie D Kuhnhen
Marcia A. Burnham Phone No: 425 931 2358
Email Address: 29824 412th Dr NE
Address: Arlington WA 98223
jaykuhnhen@comcast.net

Parcel Number(s): 32091700100900

Legal Description: Lot 4 of Snohomish County Start Plat PFN 01-113615SP Recorded under
Auditor File # 200312055018, Records of Snohomish County, WA, Being a portion of
the Northwest Quarter of the Northeast Quarter of Section 17, Township 32 North,
Range 9 East, WM
Total Acres in Application: 9.935

Indicate what category of open space this land will qualify for:

- Conserve or enhance natural, cultural, or scenic resources
- Protect streams, stream corridors, wetlands, natural shorelines, or aquifers
- Protect soil resources, unique or critical wildlife, or native plant habitat
- Promote conservation principles by example or by offering educational opportunities
- Enhance the value to the public of abutting or neighboring parks, forests, wildlife preserves, nature reservations or sanctuaries, or other open spaces
- Enhance recreation opportunities
- Preserve historic or archaeological sites
- Preserve visual quality along highway, road, street corridors, or scenic vistas
- Retain in its natural state tracts of land not less than one acre situated in an urban area and open to public use on such conditions as may be reasonably required by the granting authority
- Farm and agricultural conservation land previously classified under RCW 84.34.020(2), that no longer meets the criteria
- Farm and agricultural conservation land that is "traditional farmland" not classified under Chapter 84.33 or Chapter 84.34 RCW, that has not been irrevocably devoted to a use inconsistent with agricultural uses, and has a high potential for returning to commercial agriculture

1. Describe the present use of the land. Residential, Restoration Project (Conservation Pasture, christmas tree plugs planted 2021, chicken coop

2. Is the land subject to a lease or agreement which permits any other use than its present use? Yes No

If yes, attach a copy of the lease agreement.

3. Describe the present improvements (residence, buildings, etc.) located on the land. Residence, Shed, Barn (will be demolished 2021-22), Riparian repair started 2020

4. Is the land subject to any easements? Yes No

If yes, describe the type of easement, the easement restrictions, and the length of the easement.

Shared drive to include 30' both side from center of drive extends the entire length of the east side of property

5. If applying for the farm and agricultural conservation land category, provide a detailed description below about the previous use, the current use, and the intended future use of the land.

I believe it was mainly pasture with a few head of cattle. Currently unused pasture, starting to plant christmas tree plugs, riparian restoration project, residence, large garden, chicken coop. Future Conservation land, small pasture, christmas trees (undecided on commercial or our own 530 buffer).

NOTICE:

The county and/or city legislative authorities may require owners to submit additional information regarding the use of the land.

As owner of the parcel(s) described in this application, I hereby indicate by my signature below that I am aware of the additional tax, interest, and penalties involved when the land ceases to be classified under the provisions of Chapter 84.34 RCW. I also certify that this application and any accompanying documents are accurate and complete.

The agreement to tax according to use of the property is not a contract and can be annulled or canceled at any time by the Legislature (RCW 84.34.070)

Jay A Kohnhenn Jay A Kohnhenn Signature of each owner: Date 6-27-2021

Marcia A Burnham Marcia A Burnham 6-27-2021

Julie D Kohnhenn Julie D Kohnhenn 6-27-2021

The granting or denial of an application for classification or reclassification as open space land is a legislative determination and shall be reviewable only for arbitrary and capricious actions. Denials are only appealable to the superior court of the county in which the land is located and the application is made.



Statement of Additional Tax, Interest, and Penalty Due Upon Removal of Classification

1. Upon removal of classification, an additional tax shall be imposed which shall be due and payable to the county treasurer 30 days after removal or upon sale or transfer, unless the new owner has signed the Notice of Continuance. The additional tax shall be the sum of the following:
 - (a) The difference between the property tax paid as "Open Space Land" and the amount of property tax otherwise due and payable for the last seven years had the land not been so classified; plus
 - (b) Interest upon the amounts of the difference in (a), paid at the same statutory rate charged on delinquent property taxes; plus
 - (c) A penalty of 20% will be applied to the additional tax and interest if the classified land is applied to some other use except through compliance with the property owner's request for withdrawal as described in RCW 84.34.070(1).
2. The additional tax, interest, and penalty specified in (1) shall not be imposed if removal resulted solely from:
 - (a) Transfer to a governmental entity in exchange for other land located within the State of Washington.
 - (b) A taking through the exercise of the power of eminent domain, or sale or transfer to an entity having the power of eminent domain in anticipation of the exercise of such power.
 - (c) A natural disaster such as a flood, windstorm, earthquake, wildfire, or other such calamity rather than by virtue of the act of the landowner changing the use of such property.
 - (d) Official action by an agency of the State of Washington or by the county or city where the land is located disallows the present use of such land.
 - (e) Transfer of land to a church when such land would qualify for property tax exemption pursuant to RCW 84.36.020.
 - (f) Acquisition of property interests by State agencies or agencies or organizations qualified under RCW 84.34.210 and 64.04.130 (See RCW 84.34.108(6)(f)).
 - (g) Removal of land classified as farm & agricultural land under RCW 84.34.020(2)(f) (farm home site).
 - (h) Removal of land from classification after enactment of a statutory exemption that qualifies the land for exemption and receipt of notice from the owner to remove the land from classification.
 - (i) The creation, sale, or transfer of forestry riparian easements under RCW 76.13.120.
 - (j) The creation, sale, or transfer of a conservation easement of private forest lands within unconfined channel migration zones or containing critical habitat for threatened or endangered species under RCW 76.09.040.
 - (k) The sale or transfer of land within two years after the death of the owner of at least a fifty percent interest in the land if the land has been assessed and valued as designated forest land under chapter 84.33 RCW, or classified under this chapter 84.34 RCW continuously since 1993. The date of death shown on the death certificate is the date used.
 - (l) The discovery that the land was classified in error through no fault of the owner.

FOR LEGISLATIVE AUTHORITY USE ONLY

Date application received: _____ By: _____

Amount of processing fee collected: \$ _____

- Is the land subject to a comprehensive land use plan adopted by a city or county? Yes No

If yes, application should be processed in the same manner in which an amendment to the comprehensive land use plan is processed.

If no, application must be acted upon after a public hearing and notice of the hearing shall have been given by one publication in a newspaper of general circulation in the area at least ten days before the hearing.

- If the land is not subject to a comprehensive land use plan, is the land located within an incorporated part of the county? Yes No

If yes, application must be acted upon by three members of the county legislative authority and three members of the city legislative authority. See RCW 84.34.037(1) for details.

If no, application must be acted upon by three members of the county legislative authority.

Application approved

In whole

In part

Application denied

Date owner notified of denial (Form 64 0103): _____

If approved, date Open Space Taxation Agreement (OSTA) was mailed to owner: _____

Signed OSTA received by Legislative Authority on: _____

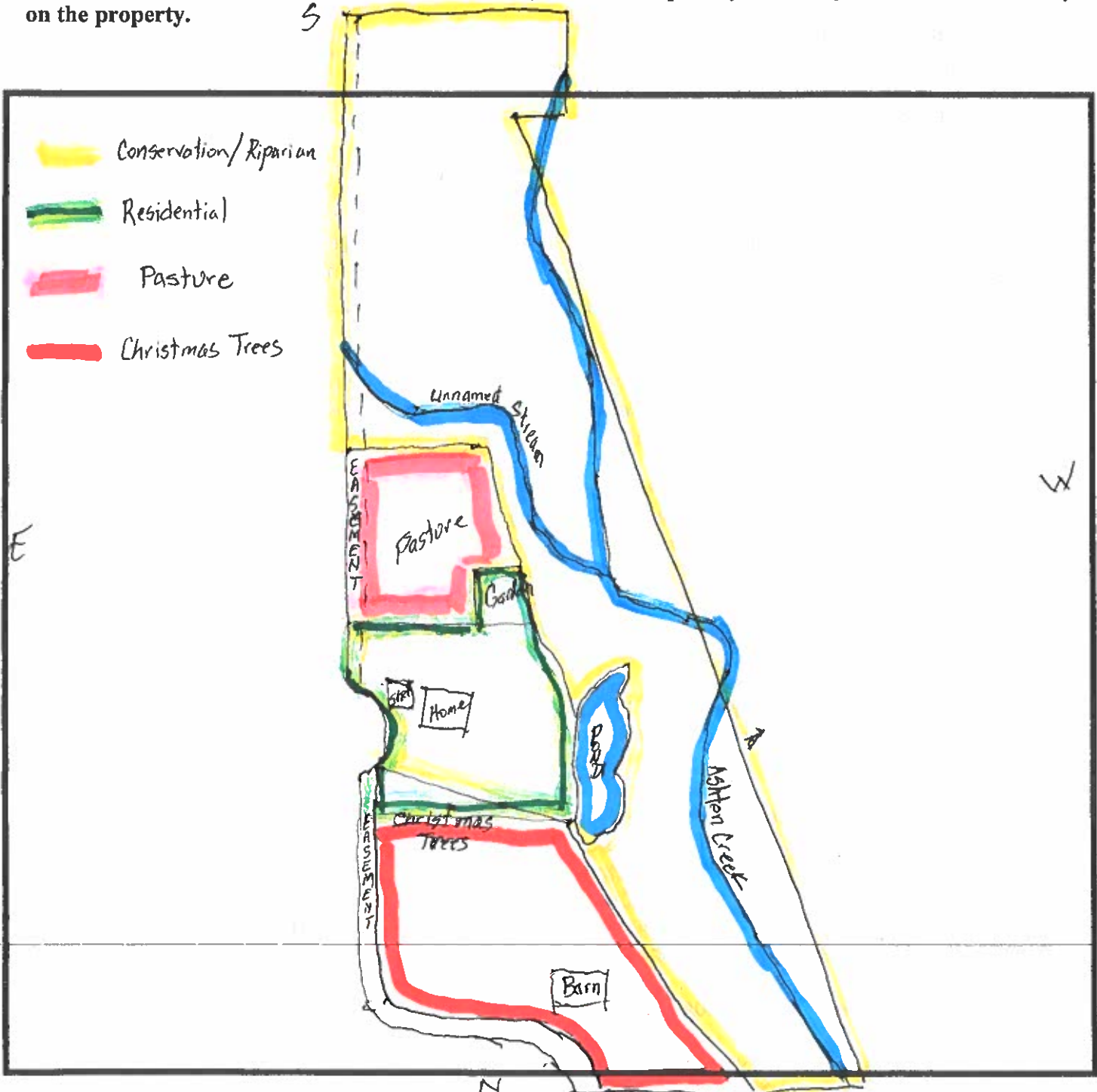
Copy of signed OSTA forwarded to Assessor on: _____

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SKETCHED MAP SHEET REQUIRED

Please sketch a representative drawing of your property which clearly locates all buildings, residence(s), sheds, forestlands, wetlands, buffers, roads, trails, etc. An aerial map may be attached, but will not be accepted as a replacement for this detailed sketch, as aerial maps may not always reflect recent activity on the property.



Property Owner Jay A. Kuhnhehn Julie D. Kuhnhehn Marcia A. Burnham

Parcel Number(s) 32091700/100900

Highway 530

OPEN SPACE
Assessor's
Application No.
3226



Snohomish County

PLANNING & DEVELOPMENT SERVICES

3000 Rockefeller Avenue, M/S #304
Everett, WA 98201-4046

OPEN SPACE CRITERIA

The Department of Planning & Development Services (PDS) reviews all Open Space/General applications according to the following checklist. In order to qualify for Open Space/General classification, **parcels must meet at least one of the criteria listed below.**

- ____(1) Urban areas where the entire site is in an undeveloped, natural state and has slopes of 25% or greater or where at least one-half of the total site area has slopes of at least 35% or more.
- ____(2) Areas designated on the comprehensive land use plan or the county park and recreation plan as potential parks, trails, or greenbelt, or designated as a critical area or environmentally sensitive area.
- ____(3) Areas which have plant or animal species which are considered rare, sensitive, threatened or endangered by an authority recognized by the county.
- ____(4) Sites within urban areas to be left in their natural state where the site is of at least 1-acre in size and is predominately forested with mature specimen trees.
- ✓____(5) Areas which are in an undeveloped, natural state and are not under the jurisdiction of the State Shoreline Management Act and are situated within stream corridors, i.e., streams and/or their associated stream buffers of 50-feet on either side of the stream. Buffer width may be increased from the 50-foot standard due to topographic, vegetative or wildlife habitat features which would logically suggest a wider buffer.
- ____(6) Undeveloped, natural areas adjacent to water bodies which come under the jurisdiction of the State Shoreline Management Act and are designated by the master plan as "natural", "conservancy", "rural", "suburban" or "urban" type environment.

____(7) Sites within an urban area which would serve as a buffer between residential development and tracts of land in excess of five acres which are designated on an adopted comprehensive plan for commercial or industrial development:

____(a) Where the site area is covered by stands of trees in excess of 20-feet in height, **and**,

____(b) Where the ground vegetation creates a visual separation of at least 50-feet between the residential tracts of land and the commercial or industrial lands, **or**;

____(c) Where the topographic features of the site form a physical separation from the abutting commercial or industrial lands by reason of gull or ravine or similar land condition.

____(8) Areas that would safely provide either public vehicular or pedestrian access to public bodies of water:

____(a) Where the site area abutting the water is at least 60-feet in width for vehicular access, **or**;

____(b) Where the site area abutting the water is at least 25-feet in width for pedestrian access.

____(9) Areas which provide a scenic vista to which the general public has safe vehicular or pedestrian access.

____(10) Sites devoted to private outdoor recreational pursuits such as golf courses, riding stables, lakes, etc., provided that access to such facilities and areas is provided to the general public free of charge or at reasonable, customary rates.

____(11) Areas which contain features of unique historic, cultural or educational values which are open to the public's use, (e.g. public access to displays, interpretive centers, etc.), free of charge or at reasonable, customary rates:

____(a) Where there are several varieties or species of flora, fauna, or both present on the site making it desirable for educational study, **or**;

___(b) Where there are habitats or species of plant life which are considered rare, sensitive, threatened or endangered by an authority recognized by the county, or:

___(c) Where there is or are recognized landmarks present on the site which provide visual reference and orientation for surrounding terrain (would include major promontories and rock formations but would exclude mountain forms and ranges), or;

___(d) Where there are historic or archeological features on the site of at least fifty years of age, which would have value to future generations due to the uncommon nature or rare representation of past times and events.

___(12) Areas located adjacent to public parks, public trails or other public lands which would materially add to or enhance the recreational opportunities of that facility:

other ___(a) Where such a site would constitute a logical extension of the park or public lands including provisions for public use but has been excluded principally by lack of funds, or;

___(b) Where the site would provide additional public access to such lands during the duration of its open space classification, or;

___(c) Where the site contains unique features of recreational value which if public use of the site were allowed would expand the variety of recreational opportunities contained in the park or public land, or:

___(d) Where the site would act as a buffer between the park and surrounding development.

___(13) Areas which contain or abut managed or monitored wildlife preserves or sanctuaries, arboretums or other designated open space and which will enhance the value of those resources:

___(a) Where the open space designation would encompass a minimum of 10 acres in land area, and:

___(b) Where plant life and/or animal life contained within the site are found in abundant varieties, or:

- ____(c) Where the site area can be distinguished from surrounding land due to the unusualness of the vegetation or the animal life inhabitants.
- ____(14) Wetland areas of at least 1/4 acres in size. Associated wetland buffers of 50-feet may also be included. The wetland buffer width may be increased from the 50-foot standard due to topographic, vegetative or wildlife habitat features which would logically suggest a wider buffer.
- ____(15) Areas which lie adjacent to scenic highways which if not designated as open space would otherwise be subject to pressures for intense development:
- ____(a) Where such highways have been designated by a city, the county or the state as scenic, and:
- ____(b) Where at least one-half of the total site lies within 200 feet of the highway,
and;
- ____(c) Where pressures for urbanization are evident either due to provision of public water and sewer facilities to the area, subdivision activity in the immediate vicinity or the site, or the development of previously platted lands.
- ____(16) Undeveloped areas, five acres and larger which are not within the 100 year flood plain, suitable for agricultural pursuits which may not currently be devoted to such use:
- ____(a) Where the comprehensive land use plan or the agricultural preservation plan designates the site as suitable for agricultural development, or;
- ____(b) Where more than 75% of the total site area contains tillable Class II or III variety soils as classified by the Soil Conservation Service.
-
- ____(17) Undeveloped areas which contain a minimum of five (5) acres which are located within the 100-year flood plain as established by the U. S. Army Corps of Engineers or Snohomish County.
- ____(18) Areas where the entire site is in an undeveloped, natural state and is considered geological hazardous by an authority recognized by Snohomish County.

____ (19) Areas which are protective buffers as required by development regulations implementing the Growth Management Act.

X (20) Farm & agricultural conservation land as defined in RCW 84.34.020(8)

X (a) Land that was previously classified as Open Space Farm & Agriculture under subsection (2) of this section, that no longer meets the criteria of subsection (2) of this section, and that is reclassified under subsection (1) of this section; or

____ (b) Land that is traditional farmland that is not classified under chapter 84.33 or 84.34 RCW, that has not been irrevocably devoted to a use inconsistent with agricultural uses, and that has a high potential for returning to commercial agriculture.

NOTE: An **URBAN AREA** is defined as: an area, designated on an adopted comprehensive plan with a density of 2 or more dwelling units per acre; and/or zoned residential 20,000 (R-20,000), or at a higher density than R-20,000; and/or within an incorporated area.

Upon the adoption of urban growth boundaries pursuant to RCW 36.70A.110, urban area shall be defined as the areas within the adopted boundaries.



Legend

- Parcel
 - Recent Sales 2021
 - Recent Sales 2020
 - Recent Sales 2019
 - City Boundary
 - County Park
 - National Forest
 - Water
- Street Types**
- Interstate
 - State Route
 - Local Road

As a public utility, we use geospatial data ("GIS") to provide information to the public. The information is not guaranteed to be accurate or up-to-date. It is the user's responsibility to verify the information for their intended use. We are not responsible for any errors or omissions in the data or for any damages resulting from the use of the information. The information is provided "as is" without any warranties, express or implied. We are not responsible for any errors or omissions in the data or for any damages resulting from the use of the information.

Map Title



6/25/2021

900 Feet

OPEN SPACE
Assessor's
Application No.
3226

Jay Kuhnenn Riparian Restoration Plan

Prepared by Thomas Bulthuis, Snohomish Conservation District

Date: September 6, 2019

Last revised:



1. Introduction and Project Description

The Snohomish Conservation District (SCD or District) will work to restore and enhance the Kuhnenn property along Ashton Creek and an unnamed tributary that enters into Ashton Creek on the property, which flows into Squire Creek 500ft downstream of the northern boundary of the property. Squire Creek then flows into the North Fork Stillaguamish River. SCD will complete 5.2 acres of riparian and floodplain planting along 1,200 linear feet of the right stream bank of Ashton Creek and 465 linear feet of both the left and right bank of the unnamed tributary on Snohomish County Parcel 32091700100900. This planting will improve degraded temperature conditions and improve habitat for Threatened Chinook salmon and steelhead as well as coho and other salmonid species that spawn and rear in Ashton Creek, Squire Creek, and the North Fork Stillaguamish River. The Snohomish Conservation District will use existing grant funding to complete the 5.2 acre riparian and floodplain restoration project.

1.1 Existing Site Conditions

The Kuhnenn property is a residential parcel. The 5.2 acre riparian buffer is dominated by Himalayan blackberry (*Rubus armeniacus*) and evergreen blackberry (*Rubus Laciniatus*). Approximately 2.5 acres of this area has mixed hardwood tree species providing a sparse native canopy under which the understory is dominated by Himalayan blackberry (*Rubus armenicus*). Approximately 1.5 acres of this area is vegetated with dense bracken fern and/or pasture grasses and contains very few native trees and shrubs. A small pasture is planned for the north end of the property adjacent to State Route 530 and the planned 100ft buffer on Ashton Creek.

2. Goals and Objectives

The goal of this restoration plan is to reforest the floodplain and riparian area of Ashton creek and the seasonal tributary on site to improve and preserve water quality and increase habitat for native fish and wildlife. Despite water quality in the lower reaches of Squire Creek being listed as impaired for high temperature (Category 4a), the North Fork Stillaguamish River has been documented to receive significant cold water inputs from Ashton and Squire Creek. Both streams identified as cold water refuge habitat for salmon, most notably Chinook, steelhead, and coho.

The objectives of this project include:

- Planting native, woody vegetation on at least 5.2 acres of riparian buffer
- Installing at least 4,200 native plants
- Monitoring and maintaining the planting site for at least 4 years and up to 10 years post installation

This project intends to remove non-native vegetation in order to establish a functioning riparian buffer. There is not an expectation of complete eradication of non-native species but rather, by increasing the cover and density of native trees and shrubs, the plan aims to reduce non-native vegetation to a level where there is minimal threat to the establishment and function of the riparian buffer.



The site will be monitored in years 1, 2, 3, 5, 7, and 10 to determine success of the project. A detailed description of monitoring actions can be found in Section 5 of this plan. Overall, a goal of 85% survival after year 10 will indicate success.

3. Planting Plan

This plan outlines the planting of native shrub and tree species to re-establish riparian and floodplain forest buffers along the right bank of Ashton Creek and along both right and left banks of the unnamed tributary.

The planting plan is specified for three zones; Appendix A describes the draft plant list for the three zones. Zone 1 is the 15ft buffer off the Ashton Creek, the unnamed tributary, and the small pond on site where live stakes will be installed to allow for improved shading of the stream. Zone 2 encompasses the more forested areas with mixed native/non-native vegetation. Understory plantings in Zone 2 will increase species and structural diversity, promote large wood recruitment, and increase the resiliency and functionality of the buffer.

Zone 3 includes the areas currently dominated by invasive Himalayan blackberry and areas lacking significant native woody species (dominated by remnant pasture grasses from previous agricultural activities).

3.1 Site Preparation

Prior to installation of plants, invasive vegetation will be cleared. The site is dominated by Himalayan and Evergreen blackberry (*R. armeniacus* and *R. lacinatus*). To improve planting conditions and survival, the blackberry will be either cut and grubbed out or a cutting followed by a spray of regrowth. Other invasive species include reed canarygrass (*Phalaris arundinaceae*) and bittersweet nightshade (*Solanum dulcamara*). The grass will be mowed to prepare for planting and maintained as needed for plant survival until installed plants can out-compete the grass. The nightshade will be removed by manual pulling.

A. Landowner Responsibilities

Landowners will allow field crews to access restoration site and communicate parking instructions for crew vehicles. Landowners will work with the District to identify the location of maintenance access trails.

B. Snohomish Conservation District Responsibilities

The District will secure funding and will hire and supervise field crews to complete site preparation work. The District will secure any permits and licenses needed to complete work, including aquatic noxious weed control permits or land use permits, and will ensure field crews possess necessary licenses and qualifications. SCD will provide 48 hour notice prior to accessing the property and a minimum of one week notice prior to completing any herbicide application.

3.2 Planting Implementation

Planting will consist of bare root, container, and live stake native plant material installed with hand tools. A draft planting plan is included in Appendix A. The species list is specified for each planting zone. This list is subject to change based on plant availability and landowner input. Buffer width will vary between 100 feet and 250 feet from the top of bank of Ashton creek with an average width of 150ft.



A pathway from the bridge crossing on the unnamed tributary into the southern portion of the property will be left unplanted to allow crew and landowner access. A 12'x 35' area will also be left unplanted for archery recreation for landowner use.

Plant protectors such as beaver exclusion tree cages and plastic or vinyl tree protectors may be installed as needed to prevent herbivory and plant damage during maintenance. Orange or pink flagging may be tied onto installed plants to assist in site preparation and maintenance.

A. Landowner Responsibilities

Landowners will allow field crews to access restoration areas and communicate parking instructions for crew vehicles. Landowners will review plant species lists and provide input on final plant species list. Landowners will work with the District and field crews/contractors to determine unplanted stream access.

B. SCD Responsibilities

The District will provide draft plant lists to the property owner for review prior to finalizing plant orders for each planting season. The District will hire and supervise field crews and contractors and procure all materials, supplies, and equipment needed to complete the planting. The District will secure any permits and licenses needed to complete work and will ensure field crews and contractors possess necessary qualifications and training. SCD will provide 48 hour notice prior to accessing the property.

3.3 Project Timeline

The District will work with field crews to complete site preparation prior to planting. Field crews will complete plant installation between November 1st, 2019 and April 30th, 2020.

4. Livestock Exclusion Fencing plan

4.1 Livestock Exclusion Fence Construction

A barbed wire livestock exclusion fence will be built on the north portion of the property where the 100 foot buffer is adjacent to the pasture (see Appendix B). The fence will be a total of 320 feet in length and will be built to NRCS standards per practice code Fence (382). Any pasture fencing that is not adjacent to the buffer planting will be built at the landowner's expense as it is outside of the project area.

A. Landowner Responsibilities

Landowners will allow field crews to access restoration areas and communicate parking instructions for crew vehicles. Landowners will review plant species lists and provide input on final plant species list. Landowners will work with the District and field crews/contractors to determine unplanted stream access.

B. SCD Responsibilities

The District will provide draft plant lists to the property owner for review prior to finalizing plant orders for each planting season. The District will hire and supervise field crews and contractors and procure all materials, supplies, and equipment needed to complete the planting. The District will secure any permits and licenses needed to complete work and will ensure field crews and contractors possess necessary qualifications and training. SCD will provide 48 hour notice prior to accessing the property.



4.2 Fencing Construction Timeline

enter timeline

5. Maintenance, Monitoring, and Adaptive Management

5.1 Monitoring

Installed vegetation will be monitored following the timeline below to evaluate planting performance. A combination of belt transects and circle plots may be used to capture a representative sample of the site when monitoring. Belt transects should be placed perpendicular to the stream, and circle plots should be placed randomly to capture a representative sample of the site in areas further from the stream. Metal posts (T-bar posts) and flagging will be used to mark vegetation plot/belt locations. Metrics to be assessed through vegetation monitoring of transects, circle plots, and experimental plots, include:

- Survival
- Growth rate (height, width, diameter)
- Percent cover (based on line-intercept data)
- Vigor assessment
- Native species richness (species count from line-intercept data)

In addition to the performance standard of 85% survival at year 10 post-installation, these metrics will allow project managers to assess success, and will aid in the adaptive management of the restoration site.

5.2 Maintenance

Maintenance will include control of non-native, invasive vegetation and replanting to achieve 85% survival at year 10 post-installation. Project integrity will be maintained according to the NRCS standard and specification 391: Riparian Forest Buffer to ensure project elements are functioning properly and as originally intended.

Maintenance will occur until plants reach a free to grow stage. Control methods of most invasive vegetation will include hand or small mechanical (hand-held brushcutter) mowing or removal of and digging of roots.

Regular inspection of the planting area will increase the likelihood of a successful project. Replanting may be required to achieve goal of 85% survival by year 10 if initial planting experiences mortality. If excessive beaver browse occurs, exclusion tree cages or fencing will be installed to protect plants.

A. Landowner Responsibilities

The landowner agrees to perform visual inspection of a portion of the planting area annually for ten years and inform the Conservation District of any issues to the project's success, including beaver browse, flood damage, or other plant mortality. The visual inspection may occur at any time throughout the year as the property owners or agents are available to inspect the project, although the growing season (March – October) is the best time to inspect plants for mortality. The landowner inspection is intended to be qualitative and limited in nature and will supplement the annual vegetation monitoring completed by the Conservation District. The landowner may request copies of vegetation monitoring data and reports.



B. SCD Responsibilities

The Snohomish Conservation District will perform vegetation monitoring in years 1, 2, 3, 5, 7, and 10 after installation, between April 15th and September 15th each season. Data will be collected and analyzed by the Conservation District and District-managed field crews trained in monitoring protocol. The Conservation District will maintain and store the data for the entire 10-year monitoring period and will submit monitoring reports to grant funders as needed.

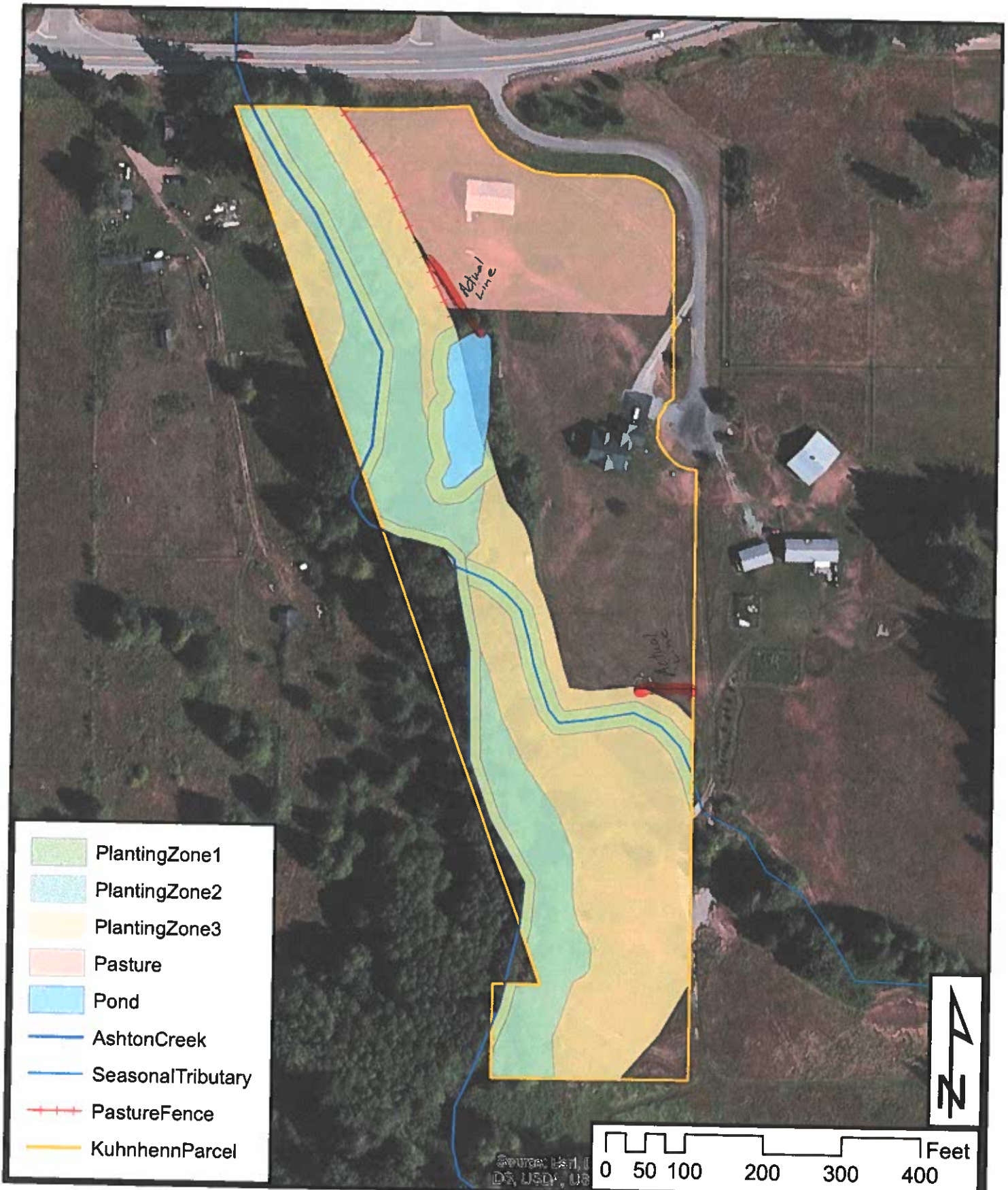
5.3 Maintenance and Monitoring Timeline

Vegetation monitoring will occur in years 1, 2, 3, 5, 7, and 10 after installation, between April 15th and September 15th each season. Competing vegetation growing in the planting area shall be controlled annually during the growing season for a period of at least four years, and then monitored at post-project years 5, 7, and 10 to evaluate plant establishment and maintenance needs.

6. Funding Information

The Snohomish Conservation District has secured grant funding from the Washington State Department of Ecology (DOE) and the Recreation and Conservation Office Salmon Recovery Funding Board (RCO SRFB) to complete planting and maintenance through year four. Maintenance and monitoring after year four will be funded through a combination of the District's Rates and Charges (local funding collected from rate-payers in the District) and annual project maintenance awards from WSCC.

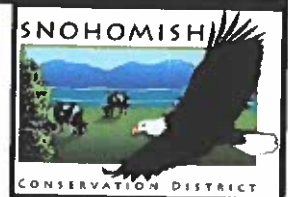




1 inch = 167 feet

Kuhnenn Riparian Restoration Project

OPEN SPACE
 Application No.
 3226



T. Bulthuis
 September 2019