Water Quality Certification Processing
Request to the Washington Department of Ecology

Project Name Terrace Mitigation Bank

Applicant Rotschy, Inc.

Contact Name Cornell Rotschy

Phone Number 360-334-3100

Address 9210 NE 62nd Avenue, Vancouver, WA 98665

Check those statements below which correspond to your project.

1. Withdrawal of certification request:

_____ **I would like to withdraw my request for certification. I do not intend to pursue certification of this project at this time.**

__X__ **I would like to withdraw my request for certification and re-apply for certification. I understand that this will extend the review period for this project of one additional year.**

2. Changes to project:

__X__ **There are no changes in my project proposal which would affect water quality.**

_____ **There are changes in my project proposal that may affect water quality. (If this answer is selected, please attach a new JARPA explaining the changes and their impacts on water quality.)**

I am authorized to make this request on behalf of this applicant.

Signature Karey Boch **Date** August 4, 2016

WASHINGTON STATE
Joint Aquatic Resources Permit Application (JARPA) Form[1,2]

US Army Corps of Engineers Seattle District

USE BLACK OR BLUE INK TO ENTER ANSWERS IN THE WHITE SPACES BELOW.

AGENCY USE ONLY
Date received: Department of Ecology
RECEIVED
SEP 14 2015
Agency reference #:
Tax Parcel #(s):
Shorelands & Environmental Assistance Program

Part 1–Project Identification

1. Project Name (A name for your project that you create. Examples: Smith's Dock or Seabrook Lane Development) [help]
Terrace Mitigation Bank

Part 2–Applicant

The person and/or organization responsible for the project. [help]

2a. Name (Last, First, Middle)			
Rotschy, Cornell			
2b. Organization (If applicable)			
Rotschy, Inc.			
2c. Mailing Address (Street or PO Box)			
9210 NE 62nd Avenue			
2d. City, State, Zip			
Vancouver, WA 98665			
2e. Phone (1)	**2f.** Phone (2)	**2g.** Fax	**2h.** E-mail
(360) 334-3100	( )	(360) 334-3101	Cornellr@rotschyinc.com

[1]Additional forms may be required for the following permits:
- If your project may qualify for Department of the Army authorization through a Regional General Permit (RGP), contact the U.S. Army Corps of Engineers for application information (206) 764-3495.
- If your project might affect species listed under the Endangered Species Act, you will need to fill out a Specific Project Information Form (SPIF) or prepare a Biological Evaluation. Forms can be found at http://www.nws.usace.army.mil/PublicMenu/Menu.cfm?sitename=REG&pagename=mainpage_ESA
- Not all cities and counties accept the JARPA for their local Shoreline permits. If you need a Shoreline permit, contact the appropriate city or county government to make sure they accept the JARPA.

[2]To access an online JARPA form with [help] screens, go to http://www.epermitting.wa.gov/site/alias__resourcecenter/jarpa_jarpa_form/9984/jarpa_form.aspx.

For other help, contact the Governor's Office of Regulatory Assistance at 1-800-917-0043 or help@ora.wa.gov.

Part 3–Authorized Agent or Contact

Person authorized to represent the applicant about the project. (Note: Authorized agent(s) must sign 11b of this application.) [help]

3a. Name (Last, First, Middle)			
Bock, Karey			
3b. Organization (If applicable)			
Ecological Land Services, Inc.			
3c. Mailing Address (Street or PO Box)			
1157 3rd Avenue, Suite 220A			
3d. City, State, Zip			
Longview, WA 98632			
3e. Phone (1)	**3f.** Phone (2)	**3g.** Fax	**3h.** E-mail
(360) 578-1371	(360) 518-9505	(360) 414-9305	karey@eco-land.com

Part 4–Property Owner(s)

Contact information for people or organizations owning the property(ies) where the project will occur. Consider both **upland and aquatic** ownership because the upland owners may not own the adjacent aquatic land. [help]

☐ Same as applicant. (Skip to Part 5.)

☐ Repair or maintenance activities on existing rights-of-way or easements. (Skip to Part 5.)

☐ There are multiple upland property owners. Complete the section below and fill out JARPA Attachment A for each additional property owner.

☐ Your project is on Department of Natural Resources (DNR)-managed aquatic lands. If you don't know, contact the DNR at (360) 902-1100 to determine aquatic land ownership. If yes, complete JARPA Attachment E to apply for the Aquatic Use Authorization.

4a. Name (Last, First, Middle)			
Aho, Melvin			
4b. Organization (If applicable)			
Kunze Farms Investment Company, Inc.			
4c. Mailing Address (Street or PO Box)			
5512 NE 109th Court, Suite 101			
4d. City, State, Zip			
Vancouver, WA 98662			
4e. Phone (1)	**4f.** Phone (2)	**4g.** Fax	**4h.** E-mail
(360) 254-0493	( )	(360) 254-6998	mel@ahoconstruction.com

Part 5–Project Location(s)

Identifying information about the property or properties where the project will occur. [help]

☐ There are multiple project locations (e.g. linear projects). Complete the section below and use JARPA Attachment B for each additional project location.

5a. Indicate the type of ownership of the property. (Check all that apply.) [help]

☒ Private
☐ Federal
☐ Publicly owned (state, county, city, special districts like schools, ports, etc.)
☐ Tribal
☐ Department of Natural Resources (DNR) – managed aquatic lands (Complete JARPA Attachment E)

5b. Street Address (Cannot be a PO Box. If there is no address, provide other location information in 5p.) [help]

5721 NE 152nd Avenue

5c. City, State, Zip (If the project is not in a city or town, provide the name of the nearest city or town.) [help]

Vancouver, WA 98682

5d. County [help]

Clark County

5e. Provide the section, township, and range for the project location. [help]

¼ Section	Section	Township	Range
NE & NW	13 & 14	2N	2E

5f. Provide the latitude and longitude of the project location. [help]

- Example: 47.03922 N lat. / -122.89142 W long. (Use decimal degrees - NAD 83)

45.6618 N lat. / -122.5166 W long.

5g. List the tax parcel number(s) for the project location. [help]

- The local county assessor's office can provide this information.

159331000, 162111000, 162114000

5h. Contact information for all adjoining property owners. (If you need more space, use JARPA Attachment C.) [help]

Name	Mailing Address	Tax Parcel # (if known)
Hernandez, Araceli	8105 NE 144th Ave. Vancouver, WA 98682	**109581810**
Lorimor, Richard D.	PO Box 872305 Vancouver, WA 98687	**109581814**
Moreno, Edgar	15406 NE 50th St Vancouver, WA 98682	**109581812**
Gray, Jennifer	15410 NE 50th St. Vancouver, WA 98682	**109581808**

5i. List all wetlands on or adjacent to the project location. [help]

A total of 18 jurisdictional wetlands were delineated onsite by ELS in April 2015. Wetlands are located in the southeastern and southwestern portions of the project area and are summarized in Table 1 below (Figure 2).

Table 1. Summary of Wetlands Onsite

Wetland Name	Area (Acres onsite)	Cowardin Classification/HGM[1]	State/Local Classification	Habitat Score in the Rating Form	Standard Buffer Width (feet)[2]
A	0.05	Emergent, depressional/saturated & seasonally ponded	IV	4	25
B	0.04	Emergent, depressional/saturated & seasonally ponded	IV	4	25
C	0.33	Emergent, depressional/saturated & seasonally ponded	IV	4	25
D	0.02	Emergent, depressional/saturated & seasonally ponded	IV	4	25
E	0.02	Emergent, depressional/saturated & seasonally ponded	IV	4	25
F	0.06	Emergent, depressional/saturated & seasonally ponded	IV	4	25
G	0.12	Emergent, depressional/saturated & seasonally ponded	IV	4	25
H	0.34	Emergent, depressional/saturated & seasonally ponded	IV	4	25
I	0.03	Emergent, depressional/saturated & seasonally ponded	IV	4	25
J	0.23	Emergent, depressional/saturated & seasonally ponded	IV	4	25
K	0.38	Emergent, depressional/saturated & seasonally ponded	IV	4	25
L	0.04	Emergent, depressional/saturated & seasonally ponded	IV	4	25
M	0.02	Emergent, depressional/saturated & seasonally ponded	IV	4	25
N	1.57	Emergent, depressional/saturated & seasonally ponded	IV	4	25
O	0.18	Emergent, depressional/saturated & seasonally ponded	III	5	75

P	0.19	Emergent, depressional/saturated & seasonally ponded	III	5	*75*
Q	0.31	Emergent, depressional/saturated & seasonally ponded	III	5	*75*
R	0.19	Emergent, depressional/saturated & seasonally ponded	III	5	*75*
Total Wetland Area (Acres)	**4.12**				

[1]Cowardin *et al.* 1979
[2]According to *VMC Chapter 20.740.140.*

5j. List all waterbodies (other than wetlands) on or adjacent to the project location. [help]

Burnt Bridge Creek dissects the project area through the center, running in a slight northwesterly direction. This creek is mapped by Department of Natural Resources (DNR) as a Type Np (non-fish bearing, perennial) stream.

5k. Is any part of the project area within a 100-year floodplain? [help]

☒ Yes ☐ No ☐ Don't know

5l. Briefly describe the vegetation and habitat conditions on the property. [help]

Dominant hydrophytic vegetation within the wetland areas onsite includes annual bluegrass (*Poa annua*, FAC). Dominant vegetation within the upland areas onsite includes annual ryegrass (*Lolium perenne*, FACU), fireweed (*Epilobium angustifolium*, NI), talus willowherb (*Epilobium ciliatum*, FACU), field chickweed (*Cerastium arvense*, FACU), field mustard (*Brassica campestris*, NI), and western marsh cudweed (*Gnaphalium palustre*, FACW).

In the northeastern portion of the project area, the dominant vegetation within the Oregon white oak woodland includes, Oregon white oak (*Quercus garryana*, FACU) Oregon ash (*Fraxinus latifolia*, FACW), Douglas-fir (*Pseudotsuga menziesii*, FACU), and Himalayan blackberry (*Rubus armeniacus*, FACU).

The majority of the habitat conditions as they exist within the property boundaries are very low quality. Available habitat includes the northeastern section of the project area, in the Oregon white oak woodland (considered a Priority Habitat according to the Washington State Department of Fish and Wildlife (WDFW)). The oak woodland understory has been impacted by invasive species and is subject to overstory competition by Douglas-fir. Low quality habitat is also available along Burnt Bridge Creek, where steep banks and lack of vegetative diversity provides little to no habitat.

5m. Describe how the property is currently used. [help]

The site was historically farmed for mint and is currently utilized for corn crop/silage production. A house and associated outbuildings are located in the northern portion of the site. A grove of Oregon white oak trees and interspersed Douglas-fir trees were identified and are located east and north of the house.

Entire fields were cropped with corn in 2014 and harvested late in the season when soils were moist. The late harvest resulted in a relatively high amount of soil compaction at the surface due to harvest techniques at that time of year, which resulted in ponding in many areas only at soil surface, with surface hydrology not extending more than 1 to 2-inches below the soil surface.

5n. Describe how the adjacent properties are currently used. [help]

The site is bordered by residential development to the north and south, agricultural land to the east, and wetlands and wetland mitigation areas to the west.

5o. Describe the structures (above and below ground) on the property, including their purpose(s) and current condition. [help]

The project area was tiled for drainage in the 1940s originally with clay drainage tile and later with plastic pipes. Currently, the project area remains tiled with plastic pipes which are maintained regularly. A private residence and outbuildings historically used for agricultural equipment/maintenance in various states of disrepair are located in the northern portion of the properties. These structures are proposed for demolition as part of the establishment of the bank (Figure 2).

5p. Provide driving directions from the closest highway to the project location, and attach a map. [help]

Heading south on I-205:

- Take exit **30** toward **WA-500 E** – 0.2 mi
- Keep **left**, follow signs for **WA-500 E** – 0.3 mi
- Keep **right**, follow signs for **Washington 500 E** and merge onto **WA-500 E** – 1.5 mi
- Turn **right** onto **NE Fourth Plain Blvd** (signs for Camas) – 1.8 mi
- Turn **right** onto **NE 152nd Ave** and follow to the gate – 0.5 mi

Heading north on I-205:

- Take exit **30A-30B-30C** for **NE Gher Rd/NE 112th Ave** – 0.8 mi
- Merge onto **WA- 500 E** – 0.7 mi
- Turn **right** onto **NE Fourth Plain Blvd** (signs for Camas) – 1.8 mi
- Turn **right** onto **NE 152nd Ave** and follow to the gate – 0.5 mi

Part 6–Project Description

6a. Briefly summarize the overall project. You can provide more detail in 6b. [help]

Rotschy, Inc. is proposing the Terrace Mitigation Bank (Bank) at the headwaters of Burnt Bridge Creek on 128 acres of light-industrial zoned farmed field, located in the City of Vancouver. The proposed mitigation site project will restore the site similar to its pre-agricultural condition, through re-establishment and rehabilitation, while operating within the confines of the neighboring property owners. In addition to the proposed wetland re-establishment and rehabilitation, the project includes riparian habitat enhancement by natural reshaping of the stream banks and native plantings, establishing a scrub-shrub buffer enhancement area in the northern portion of the BPA easement, a Nootka rose hedgerow barrier along the southern easement/Bank boundary to provide additional protection/buffer to the interior Bank area, and preservation and enhancement of the Oregon white oak (*Quercus garryana*) Priority Habitat in the northeast portion of the site.

6b. Describe the purpose of the project and why you want or need to perform it. [help]

The applicant proposes to develop the Bank to provide mitigation credits for use by applicants who have permitted, unavoidable, adverse impacts to wetland or wetland buffers in compliance with federal Clean Water Act and applicable state and local regulations. In 2008, EPA and the U.S. Army Corps of Engineers jointly promulgated regulations revising and clarifying requirements regarding compensatory mitigation. These regulations are referred to as the *2008 Final Rule for Compensatory Mitigation*. According to these regulations, the fundamental objective of compensatory mitigation is to offset environmental losses resulting from unavoidable impacts to waters of the United States authorized by Clean Water Act Section 404 permits issued by the U.S. Army Corps of Engineers. In order to reduce risk and uncertainty and help ensure that the require compensation is provided, the rule establishes a preference hierarchy for mitigation options. The most preferred option is mitigation bank credits, which are usually in place before the activity is permitted. Establishment of the Terrace Mitigation Bank will provide mitigation bank credits for permitted impacts within a service area which includes Salmon Creek, Burnt Bridge Creek, and Lacamas watersheds, where no mitigation bank currently exists.

6c. Indicate the project category. (Check all that apply) [help]

☐ Commercial ☐ Residential ☐ Institutional ☐ Transportation ☐ Recreational
☐ Maintenance ☒ Environmental Enhancement

6d. Indicate the major elements of your project. (Check all that apply) [help]

☐ Aquaculture	☒ Culvert	☐ Float	☐ Retaining Wall (upland)
☐ Bank Stabilization	☐ Dam / Weir	☐ Floating Home	☐ Road
☐ Boat House	☐ Dike / Levee / Jetty	☐ Geotechnical Survey	☐ Scientific Measurement Device
☐ Boat Launch	☐ Ditch	☐ Land Clearing	☐ Stairs
☐ Boat Lift	☐ Dock / Pier	☐ Marina / Moorage	☐ Stormwater facility
☐ Bridge	☐ Dredging	☐ Mining	☐ Swimming Pool
☐ Bulkhead	☐ Fence	☐ Outfall Structure	☐ Utility Line
☐ Buoy	☐ Ferry Terminal	☐ Piling/Dolphin	
☐ Channel Modification	☐ Fishway	☐ Raft	

☐ Other:

6e. Describe how you plan to construct each project element checked in 6d. Include specific construction methods and equipment to be used. [help]

- Identify where each element will occur in relation to the nearest waterbody.
- Indicate which activities are within the 100-year floodplain.

The culvert crossing located on Burnt Bridge Creek at the west Bank boundary will be removed to improve stream flow and prevent the need for future maintenance. The culvert will be removed during the WDFW specified in-water work window, and if water is present a temporary sand bag dam or a temporary coffer dam will be installed within the creek to block flow, and a temporary stream bypass will route flow around the work area prior to removal. The stream bottom and side slopes will be graded with an excavator to match adjacent creek elevations.

To increase stream bank stability and function, the entire stream bank will be graded by reshaping the banks with an excavator and creating a 3-foot wide bench and a 4 to 1 slope to existing ground (Figure 4). Approximately 2,847 cubic yards of material will be removed and used elsewhere onsite for compaction in drain tile removal areas and as topsoil for replanting of upland areas where impervious surfaces have been removed. All graded areas will be reseeded with a native seed mix following grading disturbance. Stream banks will also be mulched to prevent sedimentation in the stream during rain events prior to vegetation establishment. Because stream velocity is so low, no erosion control matting along the graded stream banks will be necessary.

Culvert removal will follow specifications detailed in the 2008 Corps *Programmatic Biological Assessment Restoration Actions in Washington State.* All work along Burnt Bridge Creek will occur in the 100-year floodplain.

6f. What are the anticipated start and end dates for project construction? (Month/Year) [help]

- If the project will be constructed in phases or stages, use JARPA Attachment D to list the start and end dates of each phase or stage.

Start date: Spring 2016 End date: Fall 2016 ☐ See JARPA Attachment D

6g. Fair market value of the project, including materials, labor, machine rentals, etc. [help]

$100,000

6h. Will any portion of the project receive federal funding? [help]

- **If yes**, list each agency providing funds.

☐ Yes ☒ No ☐ Don't know

Part 7–Wetlands: Impacts and Mitigation

☒ Check here if there are wetlands or wetland buffers on or adjacent to the project area.
(If there are none, skip to Part 8.) [help]

7a. Describe how the project has been designed to avoid and minimize adverse impacts to wetlands. [help]

☐ Not applicable

The general goal of the Bank site design is to restore the site similar to its pre-agricultural condition, through wetland re-establishment and rehabilitation, while operating within the confines of the neighboring property owners. In addition to the proposed wetland re-establishment and rehabilitation, the project includes riparian habitat enhancement by natural reshaping of the stream banks and native plantings.

7b. Will the project impact wetlands? [help]

☐ Yes ☒ No ☐ Don't know

7c. Will the project impact wetland buffers? [help]

☐ Yes ☒ No ☐ Don't know

7d. Has a wetland delineation report been prepared? [help]

- **If Yes**, submit the report, including data sheets, with the JARPA package.

☒ Yes ☐ No

7e. Have the wetlands been rated using the Western Washington or Eastern Washington Wetland Rating System? [help]

- **If Yes**, submit the wetland rating forms and figures with the JARPA package.

☒ Yes ☐ No ☐ Don't know

7f. Have you prepared a mitigation plan to compensate for any adverse impacts to wetlands? [help]

- **If Yes**, submit the plan with the JARPA package and answer 7g.
- **If No, or Not applicable**, explain below why a mitigation plan should not be required.

☐ Yes ☐ No ☒ Not applicable

No mitigation plan has been prepared, but a wetland mitigation banking instrument detailing the re-establishment, rehabilitation, and enhancement of wetlands onsite for creation of the mitigation bank will be prepared, and will be used as the administrative regulatory document for the establishment of the Bank.

7g. Summarize what the mitigation plan is meant to accomplish, and describe how a watershed approach was used to design the plan. [help]

Not applicable.

7h. Use the table below to list the type and rating of each wetland impacted, the extent and duration of the impact, and the type and amount of mitigation proposed. Or if you are submitting a mitigation plan with a similar table, you can state (below) where we can find this information in the plan. [help]

Activity (fill, drain, excavate, flood, etc.)	Wetland Name[1]	Wetland type and rating category[2]	Impact area (sq. ft. or Acres)	Duration of impact[3]	Proposed mitigation type[4]	Wetland mitigation area (sq. ft. or acres)
Not applicable						

[1] If no official name for the wetland exists, create a unique name (such as "Wetland 1"). The name should be consistent with other project documents, such as a wetland delineation report.
[2] Ecology wetland category based on current Western Washington or Eastern Washington Wetland Rating System. Provide the wetland rating forms with the JARPA package.
[3] Indicate the days, months or years the wetland will be measurably impacted by the activity. Enter "permanent" if applicable.
[4] Creation (C), Re-establishment/Rehabilitation (R), Enhancement (E), Preservation (P), Mitigation Bank/In-lieu fee (B)

Page number(s) for similar information in the mitigation plan, if available: _____

7i. For all filling activities identified in 7h, describe the source and nature of the fill material, the amount in cubic yards that will be used, and how and where it will be placed into the wetland. [help]

Not applicable.

7j. For all excavating activities identified in 7h, describe the excavation method, type and amount of material in cubic yards you will remove, and where the material will be disposed. [help]

Not applicable.

Part 8–Waterbodies (other than wetlands): Impacts and Mitigation

In Part 8, "waterbodies" refers to non-wetland waterbodies. (See Part 7 for information related to wetlands.) [help]

☒ Check here if there are waterbodies on or adjacent to the project area. (If there are none, skip to Part 9.)

8a. Describe how the project is designed to avoid and minimize adverse impacts to the aquatic environment. [help]

☐ Not applicable

Erosion control measures will be installed prior to heavy equipment accessing the site. Construction access will be provided by 152nd Avenue which bisects the property, continuing as a gravel road which follows an existing water line easement, terminating at the south site boundary. The staging area will be located immediately to the east of 152nd in the vicinity of an existing metal storage building. If water is present, a temporary stream bypass will be constructed within the creek during culvert removal to prevent sedimentation within the stream. Minimal grading is necessary for the project, and will be limited to the reshaping of the bank slopes and the culvert removal. All graded areas will be reseeded with a native seed mix following grading disturbance. Stream banks will also be mulched to prevent sedimentation in the stream during rain events prior to vegetation establishment. Because stream velocity is so low, no erosion control matting along the graded stream banks will be necessary. Any incidental fill in the stream channel will be removed prior to disabling the stream bypass. Seeded areas are expected to be fully established prior to water levels within the stream reaching graded areas, so no sedimentation or erosion is expected from stream flow.

8b. Will your project impact a waterbody or the area around a waterbody? [help]

☒ Yes ☐ No

8c. Have you prepared a mitigation plan to compensate for the project's adverse impacts to non-wetland waterbodies? [help]

- **If Yes,** submit the plan with the JARPA package and answer 8d.
- **If No, or Not applicable,** explain below why a mitigation plan should not be required.

☐ Yes ☐ No ☒ Not applicable

All impacts will be temporary or beneficial. No mitigation plan has been prepared, but a wetland mitigation banking instrument and basis of design report detailing the re-establishment, rehabilitation, and enhancement of wetlands onsite for creation of the mitigation bank will be prepared and will be used as the administrative regulatory document for the establishment of the Bank.

8d. Summarize what the mitigation plan is meant to accomplish. Describe how a watershed approach was used to design the plan.

- If you already completed 7g you do not need to restate your answer here. [help]

Not applicable.

8e. Summarize impact(s) to each waterbody in the table below. [help]

Activity (clear, dredge, fill, pile drive, etc.)	Waterbody name[1]	Impact location[2]	Duration of impact[3]	Amount of material (cubic yards) to be placed in or removed from waterbody	Area (sq. ft. or linear ft.) of waterbody directly affected
Culvert removal	Burnt Bridge Creek	In-water	2 days	1 36-inch by 26-foot metal culvert	~312 square feet

[1] If no official name for the waterbody exists, create a unique name (such as "Stream 1") The name should be consistent with other documents provided.
[2] Indicate whether the impact will occur in or adjacent to the waterbody. If adjacent, provide the distance between the impact and the waterbody and indicate whether the impact will occur within the 100-year flood plain.
[3] Indicate the days, months or years the waterbody will be measurably impacted by the work. Enter "permanent" if applicable.

8f. For all activities identified in 8e, describe the source and nature of the fill material, amount (in cubic yards) you will use, and how and where it will be placed into the waterbody. [help]

A 36-inch culvert which was installed to allow road access along the western boundary of the Bank site will be removed as part of the Bank's overall site design. An approximate 12-foot wide by 26-foot long area that includes the existing 36-inch corrugated metal culvert will be removed, and the stream bottom and side slopes will be graded to match adjacent creek elevations.

8g. For all excavating or dredging activities identified in 8e, describe the method for excavating or dredging, type and amount of material you will remove, and where the material will be disposed. [help]

Culvert will be removed with an excavator and will be disposed at an approved offsite location.

Part 9–Additional Information

Any additional information you can provide helps the reviewer(s) understand your project. Complete as much of this section as you can. It is ok if you cannot answer a question.

9a. If you have already worked with any government agencies on this project, list them below. [help]

Agency Name	Contact Name	Phone	Most Recent Date of Contact
US Army Corps of Engineers	Steven Manlow	(360) 694-1171	6/11/2015
	Gail Terzi	(206) 764-6903	7/29/2015
Department of Ecology	Rebecca Rothwell	(360) 407-6749	6/11/2015
Washington Department of Fish and Wildlife	George Fornes	(360) 906-6729	6/25/2015
Department of Ecology	Kate Thompson	(360) 407-6749	7/29/2015

9b. Are any of the wetlands or waterbodies identified in Part 7 or Part 8 of this JARPA on the Washington Department of Ecology's 303(d) List? [help]

- **If Yes,** list the parameter(s) below.
- If you don't know, use Washington Department of Ecology's Water Quality Assessment tools at: http://www.ecy.wa.gov/programs/wq/303d/.

☐ Yes ☒ No

9c. What U.S. Geological Survey Hydrological Unit Code (HUC) is the project in? [help]

- Go to http://cfpub.epa.gov/surf/locate/index.cfm to help identify the HUC.

Lower Columbia-Sandy Watershed – 17080001

9d. What Water Resource Inventory Area Number (WRIA #) is the project in? [help]

- Go to http://www.ecy.wa.gov/services/gis/maps/wria/wria.htm to find the WRIA #.

28

9e. Will the in-water construction work comply with the State of Washington water quality standards for turbidity? [help]

- Go to http://www.ecy.wa.gov/programs/wq/swqs/criteria.html for the standards.

☒ Yes ☐ No ☐ Not applicable

9f. If the project is within the jurisdiction of the Shoreline Management Act, what is the local shoreline environment designation? [help]

- If you don't know, contact the local planning department.
- For more information, go to: http://www.ecy.wa.gov/programs/sea/sma/laws_rules/173-26/211_designations.html.

☐ Rural ☐ Urban ☐ Natural ☐ Aquatic ☐ Conservancy ☒ Other N/A

9g. What is the Washington Department of Natural Resources Water Type? [help]

- Go to http://www.dnr.wa.gov/BusinessPermits/Topics/ForestPracticesApplications/Pages/fp_watertyping.aspx for the Forest Practices Water Typing System.

☐ Shoreline ☐ Fish ☒ Non-Fish Perennial ☐ Non-Fish Seasonal

9h. Will this project be designed to meet the Washington Department of Ecology's most current stormwater manual? [help]

- **If No,** provide the name of the manual your project is designed to meet.

☐ Yes ☒ No

Name of manual: *2012 Stormwater Management Manual for Western Washington*

9i. Does the project site have known contaminated sediment? [help]

- **If Yes,** please describe below.

☐ Yes ☒ No

9j. If you know what the property was used for in the past, describe below. [help]

In the late 1800s, Burnt Bridge Creek was created by ditching historical marsh land. The Bank site has been commercially farmed since the early 1940s, mainly for the commodity crop peppermint. Since the 1940s, the evaluation area was tiled for drainage originally with clay drainage tile and later with plastic pipes. Ongoing maintenance of the drainage system has effectively drained the soils and eliminated most of the jurisdictional wetlands, particularly over the past fifteen years as documented by three jurisdictional determinations.

9k. Has a cultural resource (archaeological) survey been performed on the project area? [help]

- **If Yes,** attach it to your JARPA package.

☒ Yes ☐ No

9l. Name each species listed under the federal Endangered Species Act that occurs in the vicinity of the project area or might be affected by the proposed work. [help]

No ESA listed species are known to occur in the vicinity of the project that could be affected by the proposed work.

9m. Name each species or habitat on the Washington Department of Fish and Wildlife's Priority Habitats and Species List that might be affected by the proposed work. [help]

The site has an Oregon white oak woodland Priority Habitat located in the northeast corner of the Bank. This area will be enhanced and preserved through the establishment of the Bank. No other priority habitat or species are known to occur in the vicinity of the project that could be affected by the proposed work.

Part 10–SEPA Compliance and Permits

Use the resources and checklist below to identify the permits you are applying for.

- Online Project Questionnaire at http://apps.ecy.wa.gov/opas/.
- Governor's Office of Regulatory Assistance at (800) 917-0043 or help@ora.wa.gov.
- For a list of addresses to send your JARPA to, click on agency addresses for completed JARPA.

10a. Compliance with the State Environmental Policy Act (SEPA). (Check all that apply.) [help]

- For more information about SEPA, go to www.ecy.wa.gov/programs/sea/sepa/e-review.html.

☐ A copy of the SEPA determination or letter of exemption is included with this application.

☒ A SEPA determination is pending with City of Vancouver (lead agency). The expected decision date is November 2015.

☐ I am applying for a Fish Habitat Enhancement Exemption. (Check the box below in 10b.) [help]

☐ This project is exempt (choose type of exemption below).

☐ Categorical Exemption. Under what section of the SEPA administrative code (WAC) is it exempt? _____

☐ Other: _____

☐ SEPA is pre-empted by federal law.

10b. Indicate the permits you are applying for. (Check all that apply.) [help]

LOCAL GOVERNMENT

Local Government Shoreline permits:

☐ Substantial Development ☐ Conditional Use ☐ Variance

☐ Shoreline Exemption Type (explain): _____

Other city/county permits:

☐ Floodplain Development Permit ☒ Critical Areas Ordinance

STATE GOVERNMENT

Washington Department of Fish and Wildlife:

☒ Hydraulic Project Approval (HPA) ☐ Fish Habitat Enhancement Exemption – Attach Exemption Form

NOTE: An online HPA application will be submitted following the official SEPA determination for this project.

Effective July 10, 2012, you must submit a check for $150 to Washington Department of Fish and Wildlife, unless your project qualifies for an exemption or alternative payment method below. **Do not send cash.**

Check the appropriate boxes:

☐ $150 check enclosed. (Check #_____)
Attach check made payable to Washington Department of Fish and Wildlife.

☐ Charge to billing account under agreement with WDFW. (Agreement #_____)

☐ My project is exempt from the application fee. (Check appropriate exemption)

☐ HPA processing is conducted by applicant-funded WDFW staff. (Agreement #_____)

☐ Mineral prospecting and mining.

☐ Project occurs on farm and agricultural land.
(Attach a copy of current land use classification recorded with the county auditor, or other proof of current land use.)
☐ Project is a modification of an existing HPA originally applied for, prior to July 10, 2012.
(HPA # _____)

Washington Department of Natural Resources:

☐ Aquatic Use Authorization

Complete JARPA Attachment E and submit a check for $25 payable to the Washington Department of Natural Resources. Do not send cash.

Washington Department of Ecology:

☒ Section 401 Water Quality Certification

FEDERAL GOVERNMENT

United States Department of the Army permits (U.S. Army Corps of Engineers):

☒ Section 404 (discharges into waters of the U.S.) ☐ Section 10 (work in navigable waters)

United States Coast Guard permits:

☐ General Bridge Act Permit ☐ Private Aids to Navigation (for non-bridge projects)

Part 11–Authorizing Signatures

Signatures are required before submitting the JARPA package. The JARPA package includes the JARPA form, project plans, photos, etc. [help]

11a. Applicant Signature (required) [help]

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities, and I agree to start work only after I have received all necessary permits.

I hereby authorize the agent named in Part 3 of this application to act on my behalf in matters related to this application. CR (initial)

By initialing here, I state that I have the authority to grant access to the property. I also give my consent to the permitting agencies entering the property where the project is located to inspect the project site or any work related to the project. CR (initial)

Cornell Rotschy		9-1-15
Applicant Printed Name	Applicant Signature	Date

11b. Authorized Agent Signature [help]

I certify that to the best of my knowledge and belief, the information provided in this application is true, complete, and accurate. I also certify that I have the authority to carry out the proposed activities and I agree to start work only after all necessary permits have been issued.

Karey Bock	Karey Bock	9/1/15
Authorized Agent Printed Name	Authorized Agent Signature	Date

11c. Property Owner Signature (if not applicant). [help]
Not required if project is on existing rights-of-way or easements.

I consent to the permitting agencies entering the property where the project is located to inspect the project site or any work. These inspections shall occur at reasonable times and, if practical, with prior notice to the landowner.

Melvin Aho		9-2-15
Property Owner Printed Name	Property Owner Signature	Date

18 U.S.C §1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly falsifies, conceals, or covers up by any trick, scheme, or device a material fact or makes any false, fictitious, or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious, or fraudulent statement or entry, shall be fined not more than $10,000 or imprisoned not more than 5 years or both.

If you require this document in another format, contact the Governor's Office of Regulatory Assistance (ORA) at (800) 917-0043. People with hearing loss can call 711 for Washington Relay Service. People with a speech disability can call (877) 833-6341.
ORA publication number: ENV-019-09 rev. 06-12