

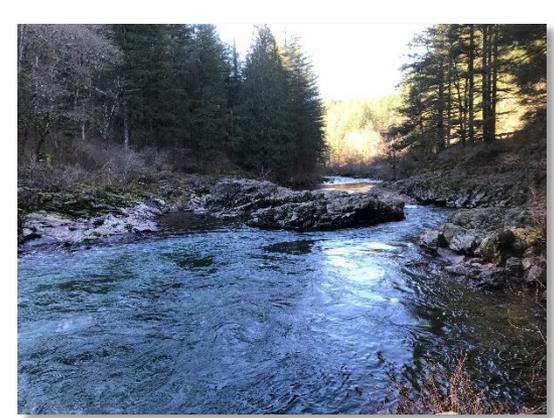


Grant Project Development

for the East Fork Lewis River Partnership



Devan Rostorfer
Leanne Whitesell
Eliza Keeley-Arnold
Seth Elsen
Shawn Ultican



Welcome!

Grant Project Development Workshop

Monitoring

Source
Assessment

TMDL
Alternative

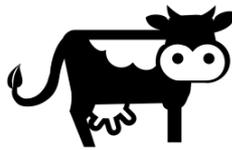
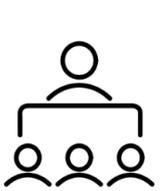
Implementation
Nonpoint Source

Public Education
& Monitoring



Workshop Background & Goals

- **EARLY** project planning and application development.
- **This workshop will focus on.....**
 - Nonpoint Source Activities



- **Less focus on.....**
 - Stormwater Facilities & Activities

Agenda

- **9:00 a.m. - 9:20 a.m.**
Workshop Overview & Goals, Introductions
- **9:20 a.m. - 9:30 a.m.**
East Fork Lewis River Priorities
- **9:30 a.m. - 10:15 a.m.**
Connecting Your Projects to Water Quality
- **10:15 a.m. - 10:30 a.m.**
Break
- **10:30 a.m. - 11:00 a.m.**
Cultural Resources
- **11:00 a.m. - 11:20 a.m.**
Eligible Nonpoint Activities
- **11:20 a.m. - 11:45 a.m.**
Budget, Schedule, and Scope of Work
- **11:45 a.m. - 12:45 p.m.**
Breakout Session
Working Lunch
- **12:45 p.m. – 1:00 p.m.**
Next Steps
- **1:00 p.m.**
Workshop Adjourn
- **1:00-2:00 p.m.**
***Optional* Additional Work Time**

Survey Results

East Fork Lewis River
Partnership
for clean water

Please indicate with an "X" if your project is aligned with one of the Priority Projects in the East Fork Lewis River

Priority Projects in the East Fork Lewis River	
	Private landowner - Septic system outreach and education, and correction work. <ul style="list-style-type: none"> • <i>Priority Areas: Brezee, Jenny, McCormick, Riley, Lockwood, and Rock Creek North.</i> • <i>Other: Private landowners with septic systems that are past-due for inspection.</i>
	Private landowner – Agricultural BMP planning, technical assistance, and implementation. <ul style="list-style-type: none"> • <i>Priority Areas: Brezee, Jenny, McCormick, Riley, Lockwood, and Rock Creek North.</i> • <i>Other: Small acreages in Mason Creek.</i>
	Private landowner – Riparian restoration, tree planting. <ul style="list-style-type: none"> • <i>Priority Areas: Properties located between river miles ____ and ____.</i> • <i>Other: Shade deficits in tributaries.</i>
	Public landowner – Preservation, restoration, and enhancement projects. <ul style="list-style-type: none"> • <i>Priority Areas: Properties located between river miles ____ and ____.</i>
	Public - Stormwater management planning and implementation. <ul style="list-style-type: none"> • <i>Priority Area: Brezee Creek.</i>

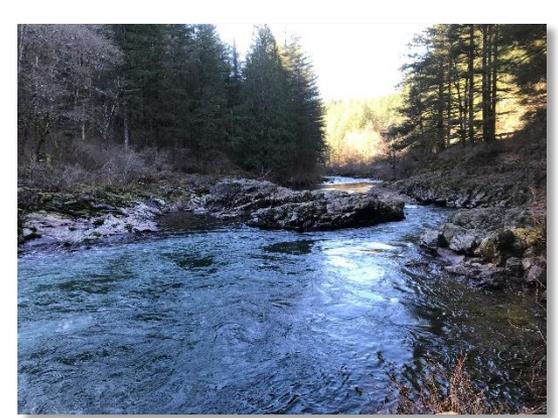
Characterize your project idea

Project name:
Organization name:
Project location:
Short description:

- **Monitoring, Bacteria Source Tracing**
- **Septic System Outreach**
- **Small Acreage Agriculture**
- **Riparian Forest Restoration**
- **Stormwater**

A scenic view of a stream flowing through a lush green landscape. The stream is surrounded by tall grasses and trees, with a large log partially submerged in the water. The background shows a dense forest of green trees under a bright sky.

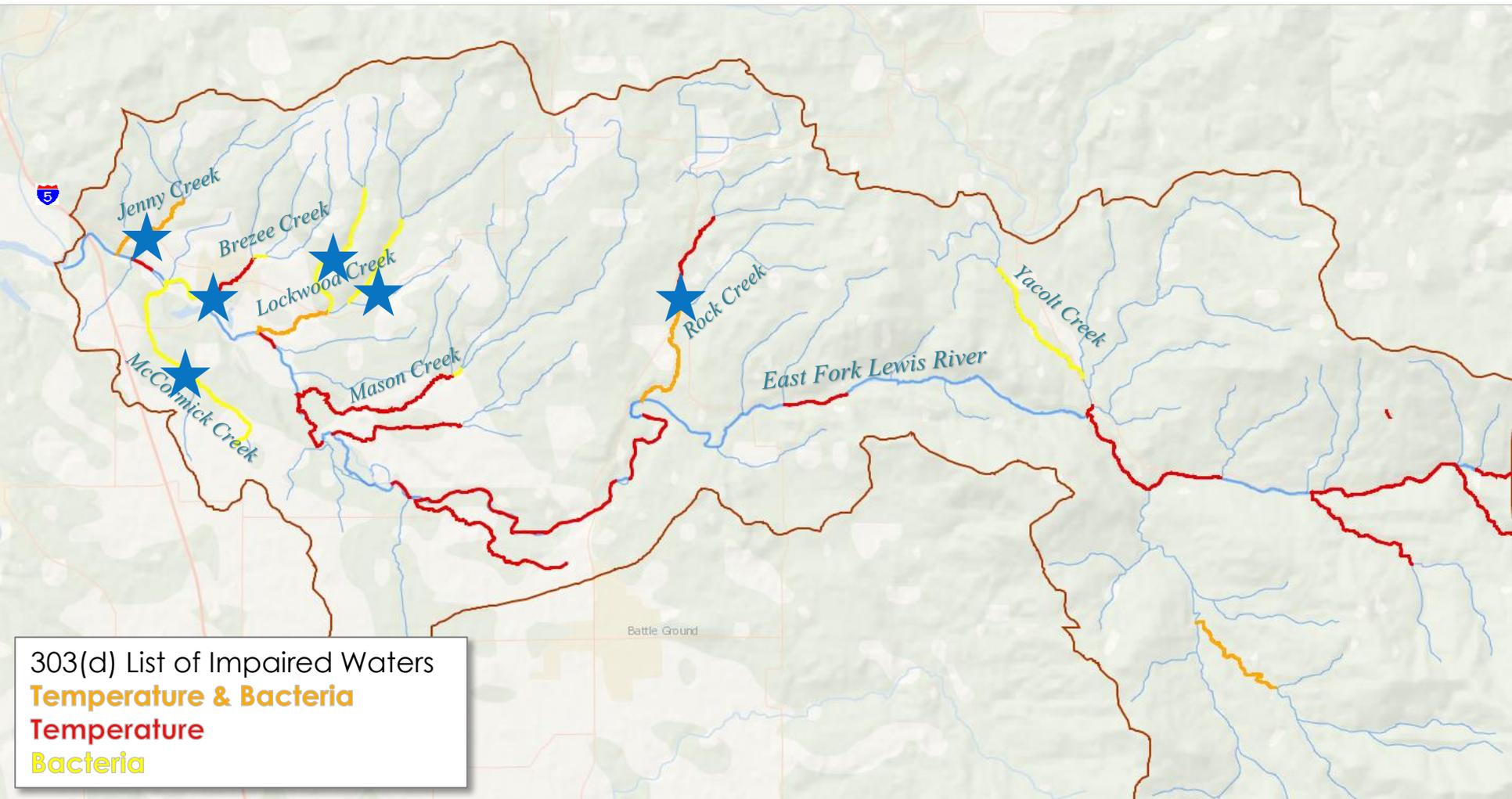
**What brings you here?
What project ideas do you have?**



East Fork Lewis River Priorities

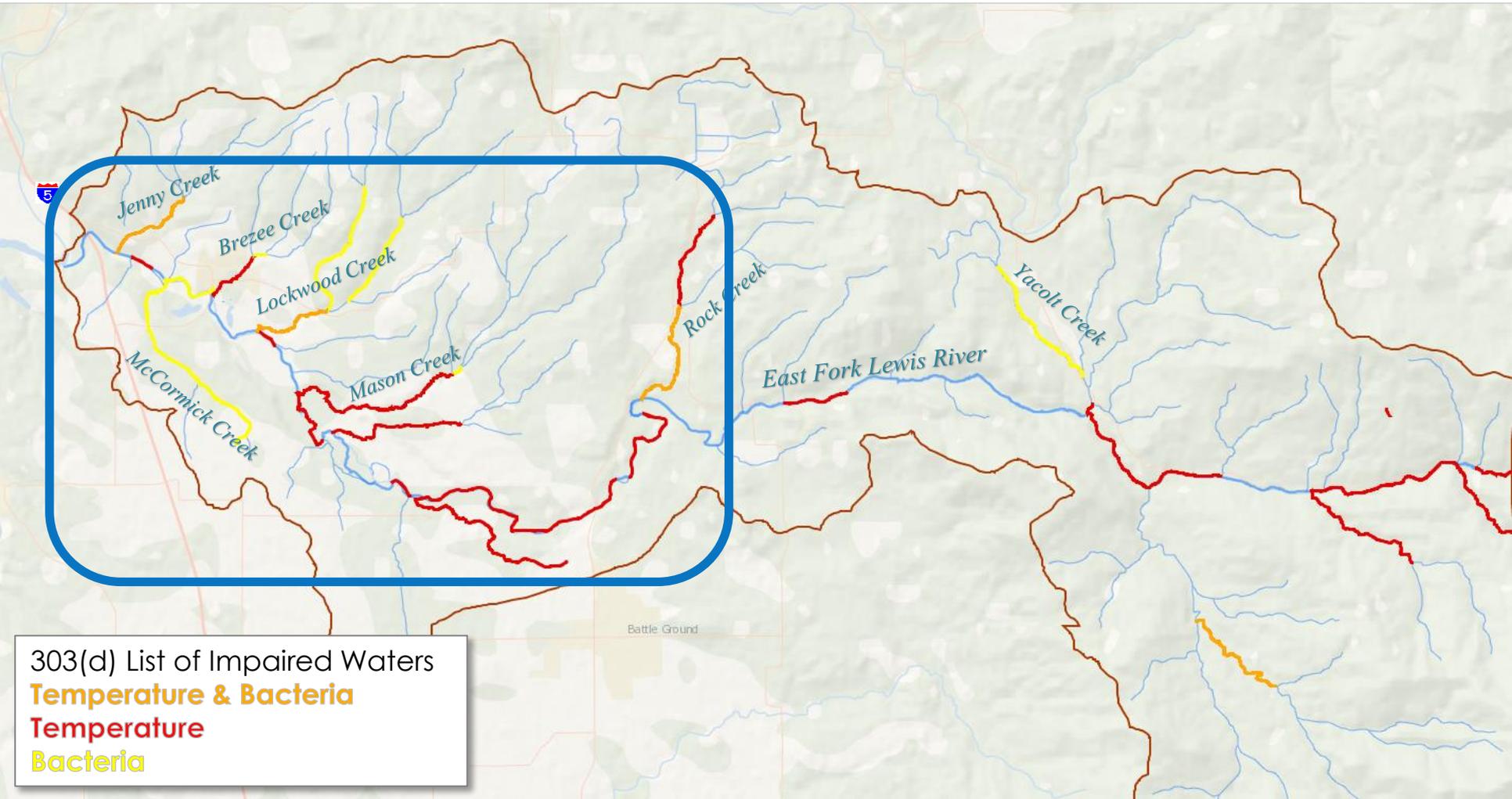


Priority Areas to Address Bacteria



Priorities: Septic systems and Small Acreage Agriculture / Livestock
Brezee, McCormick, Jenny, Riley, Lockwood, & Rock Creek North

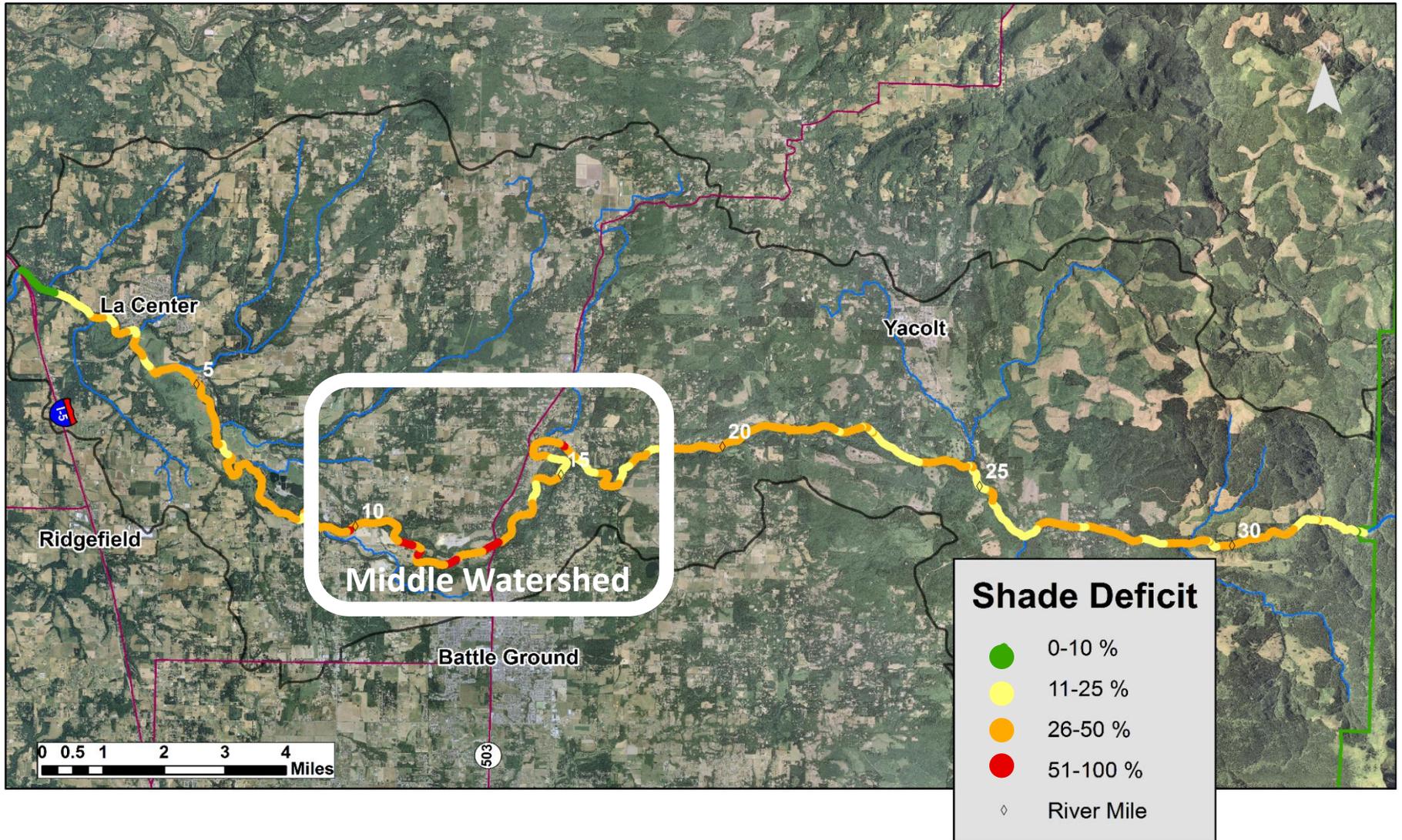
Priority Areas to Address Temperature



Temperatures Increase Downstream



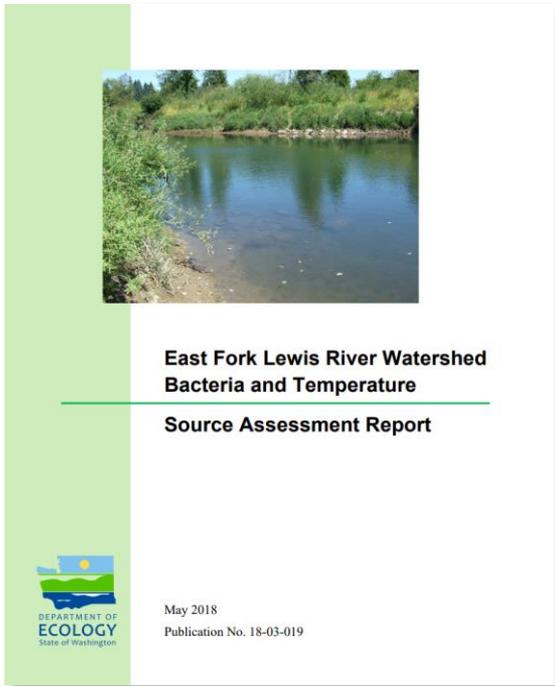
Priority: Increase riparian forested buffer areas in middle and lower watershed.



Highest Shade Deficits = Middle Watershed

Source Assessment to Success

Find and Fix Sources of Pollution



Private Landowner Technical Assistance

Small Acreage
Agriculture

Septic
Systems

Riparian
Planting

Priority Project & Program Areas

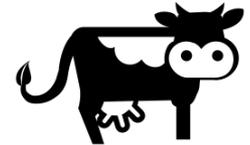
1. Septic Systems

*Outreach, Inspection, Maintenance, Repair
Pollution Identification & Correction*



2. Small Acreage Agriculture

*Conservation Planning, Technical Assistance
BMP Implementation*



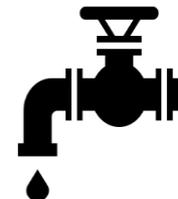
3. Riparian Restoration

Public & Private Lands



4. Stormwater Management

*Source Tracing, Illicit Discharge Detection & Elimination
Stormwater Management Planning*





Eligible Stormwater Projects

Stormwater Facility Projects

Facility projects treat and/or provide flow control for stormwater prior to discharge to receiving waters.

- Retrofit site evaluation and planning
- Design
- Design/construct
- Construction-only
- Runoff from existing development and infrastructure

* Preparing a stormwater project for Ecology funding can be very different from nonpoint.



Contact David Mora or Lorie Hammerli.

Stormwater Activity Projects

Activity projects work to control the sources of pollution, preventing future impacts to water bodies.

- Establishment of stormwater utility
- Education and outreach projects
- High-efficiency vacuum sweepers
- Stormwater quality monitoring



Clark County Public Works

Contact:

David Mora (360) 690-4782 - damo461@ecy.wa.gov

or

Lorie Hammerli (360) 407-6294 - Lham461@ecy.wa.gov

Anytime you see these symbols....



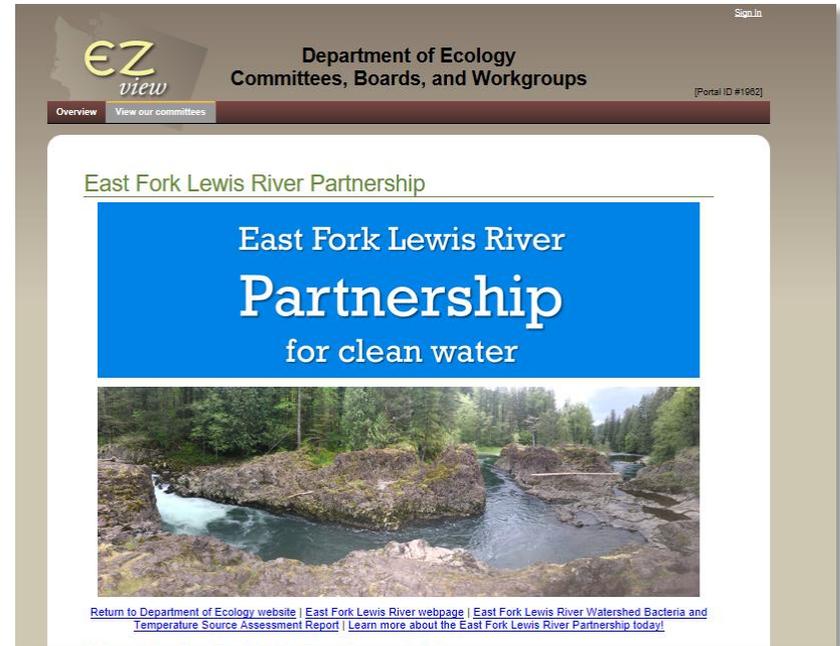
**Tool or Template
available for you!**



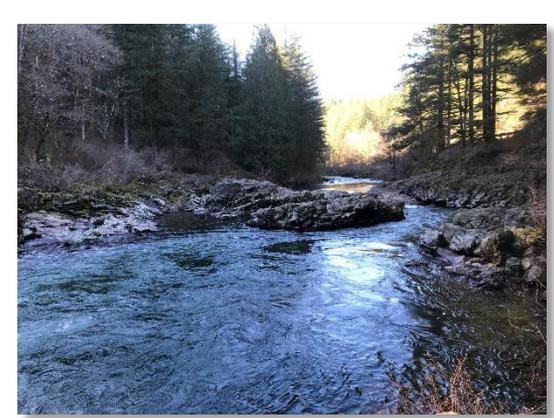
Requirement

Forms & Templates Available

- Budget and Schedule examples
- Landowner Agreement and Acknowledgement templates
- BMP Approval Form
- Cultural Resource & IDP Forms
- Riparian Planting Plan template
- Draft Applicant Prep Tool



https://www.ezview.wa.gov/site/alias_1962/view_our_committees_east_fork_lewis_river_partnership/37305/east_fork_lewis_river_partnership.aspx



Connecting Projects to Water Quality

WQ Problem → BMP Implementation → Outcomes





What is the Water Quality Problem?





Reed Canary Grass

Lack of Shade



Lack of Shade

Livestock in Stream







Water Quality Atlas

Water Quality Atlas

Map water quality data

CHOOSE TOPIC: Water quality standards **Assessed waters / sediments** Permits / outfalls Improvement projects (TMDLs)

SEARCH BY: 305(b) report - includes 303(d) list [What is 303\(d\), 305\(b\)?](#)
 303(d) list of impaired waters

All Pollutants ▾

GO TO: Washington State
Enter city, county, legislative district, watershed, waterbody, or improvement project

Map

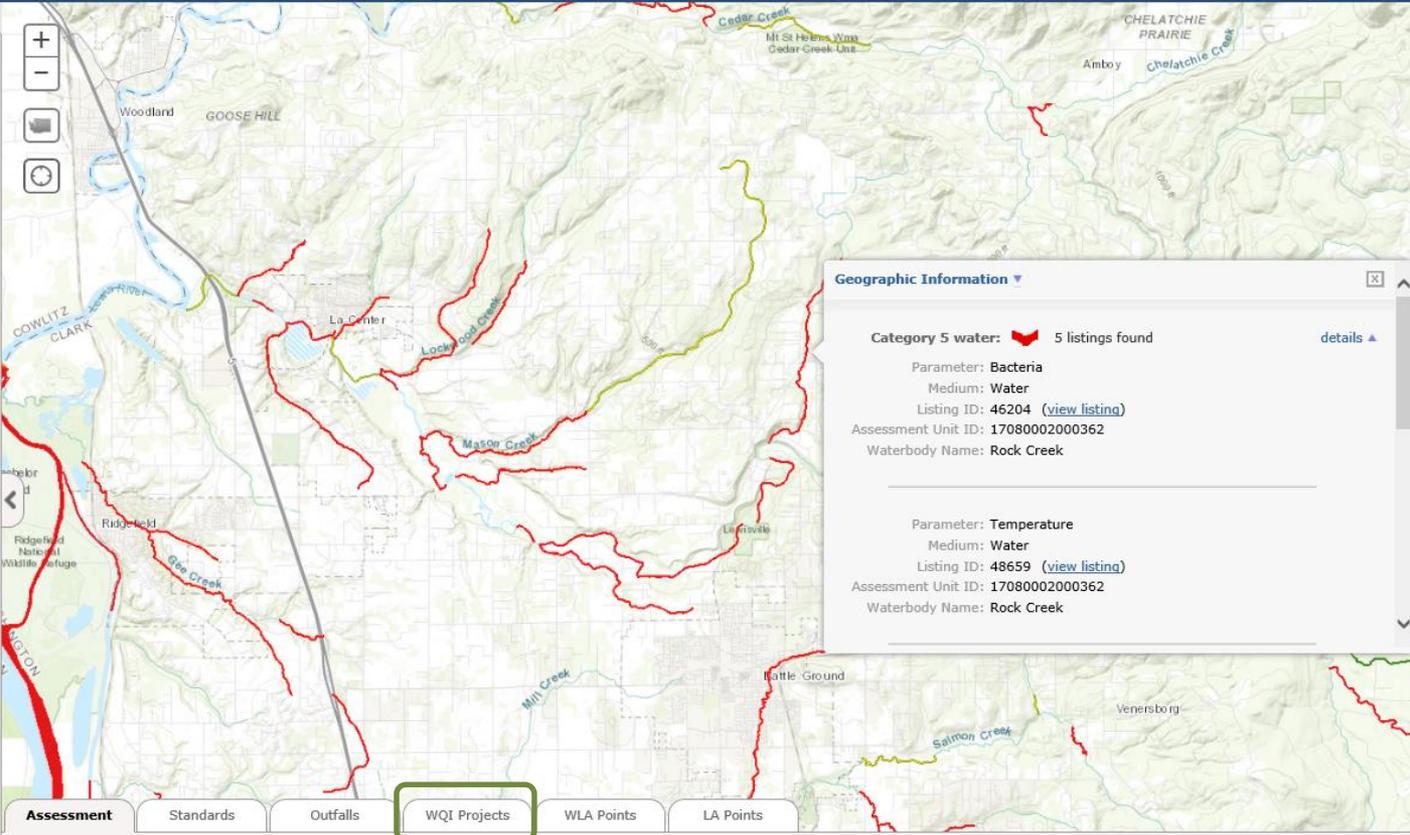




Add or remove map data

Assessed Waters/Sediment

- Water**
- Category 5 - 303d
 - Category 4C
 - Category 4B
 - Category 4A
 - Category 2
 - Category 1
- Sediment**
- Category 5 - 303d
 - Category 4C
 - Category 4B
 - Category 4A
 - Category 2
 - Category 1



Geographic Information

Category 5 water: 5 listings found [details](#)

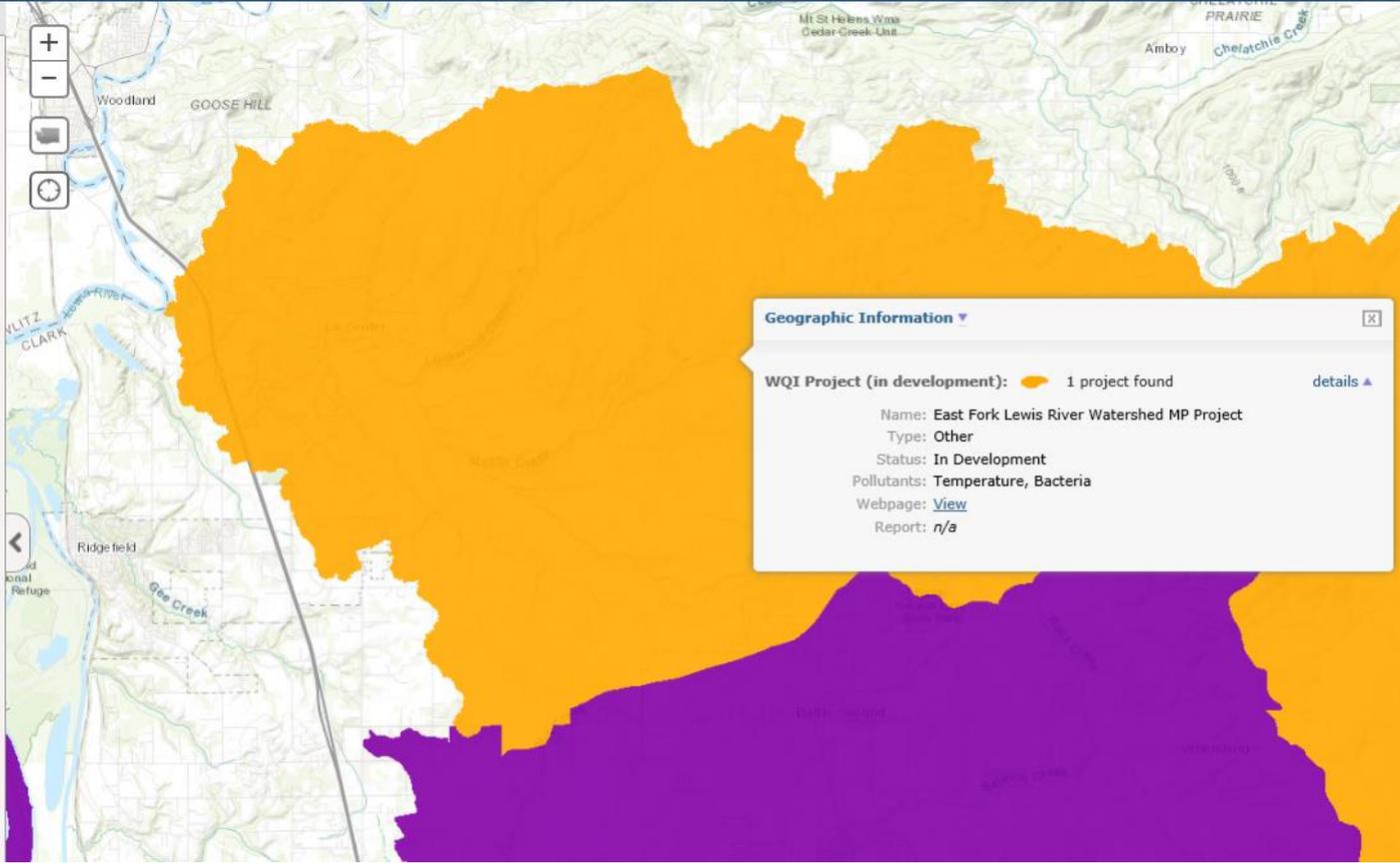
Parameter: **Bacteria**
Medium: **Water**
Listing ID: **46204** ([view listing](#))
Assessment Unit ID: **17080002000362**
Waterbody Name: **Rock Creek**

Parameter: **Temperature**
Medium: **Water**
Listing ID: **48659** ([view listing](#))
Assessment Unit ID: **17080002000362**
Waterbody Name: **Rock Creek**

Add or remove map data

WQ Improvement Projects x

- Approved
- In Development



Geographic Information x

WQI Project (in development): ■ 1 project found details ▲

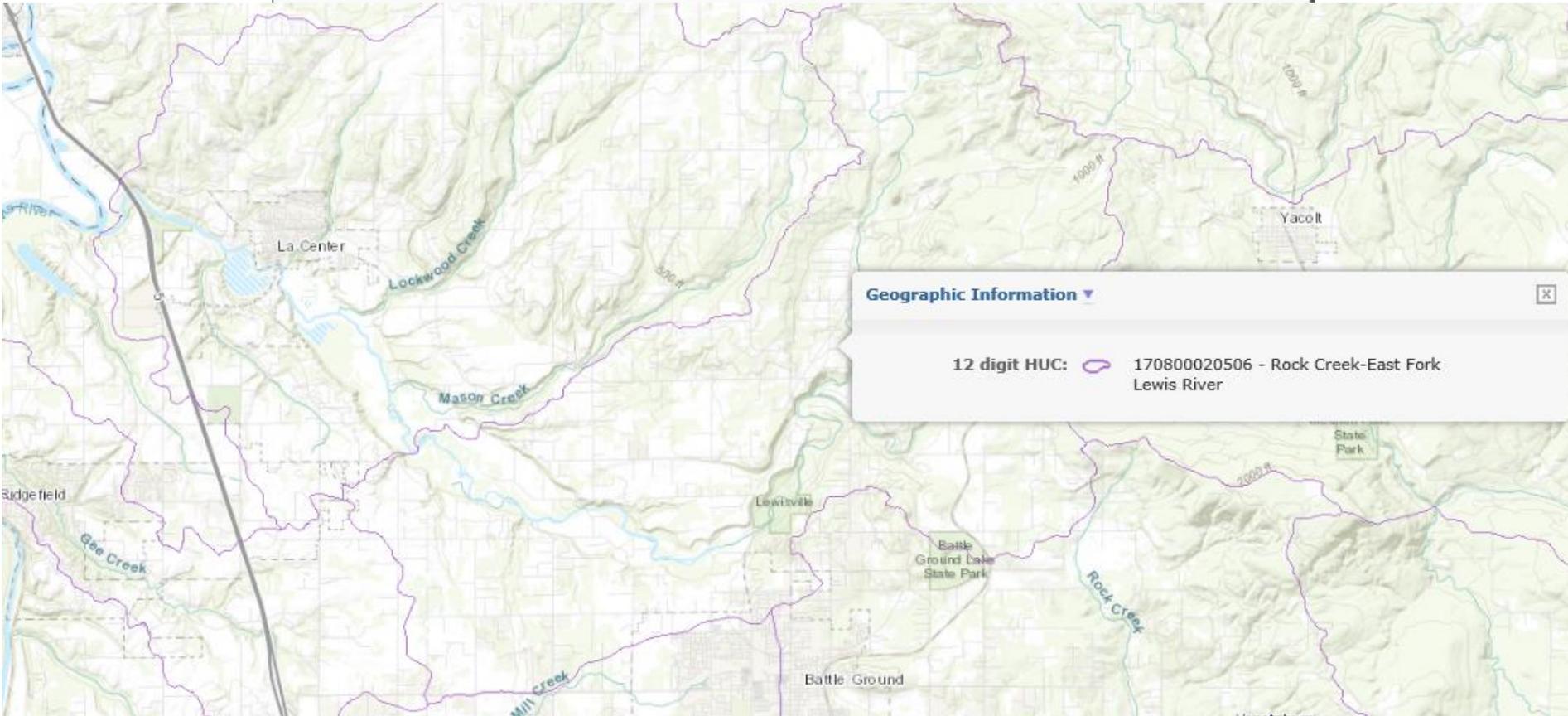
Name: **East Fork Lewis River Watershed MP Project**
Type: **Other**
Status: **In Development**
Pollutants: **Temperature, Bacteria**
Webpage: [View](#)
Report: *n/a*

Map Layers:



Water Quality Data

Boundaries



Geographic Information



12 digit HUC:  170800020506 - Rock Creek-East Fork Lewis River

Map Layers:

Find map layer... ▼

Shoreline

shoreline photos,
public beaches,
shoreline biology...

Ocean resources

human use,
oceanography,
fishing...

**Administrative/
Regulated**

cities, counties,
assessed waters...

Land cover

land cover, canopy
cover, impervious
surface...

Habitat and Living Resources

- Habitats of Particular Concern ⓘ
- Blue whale ⓘ
- Dall's porpoise ⓘ
- Fin whale ⓘ
- Humpback whale ⓘ
- Risso's dolphin ⓘ
- Northern right whale ⓘ
- Pacific white-sided dolphin ⓘ
- Short-beaked dolphin ⓘ
- Small beaked whale ⓘ
- Sperm whale ⓘ
- Striped dolphin ⓘ

Oceanography

- Bathymetric contours ⓘ
- Undersea feature names ⓘ

Infrastructure

- Submarine cables ⓘ
- Marinas ⓘ
- Shipping fairways/lanes/zones ⓘ
- Wrecks and obstructions ⓘ

Marine Boundaries

- Olympic marine sanctuary ⓘ
- Federal lease blocks ⓘ
- State-owned aquatic lands ⓘ
- US maritime boundaries ⓘ
- Olympic national park ⓘ
- Coastal wildlife refuge boundaries ⓘ

Commercial fishing

- Coastal crab ⓘ
- Pink shrimp ⓘ
- Sardine ⓘ
- Groundfish ⓘ
- Pacific whiting (Hake) ⓘ

Recreational fishing

- Albacore ⓘ
- Bottomfish ⓘ
- Halibut ⓘ
- Salmon ⓘ

Human Use - Recreational

- Beach use ⓘ
- Kayak fishing ⓘ
- Motorized boating ⓘ
- Paddling ⓘ
- Recreational dive fishing ⓘ
- Recreational fishing from shore ⓘ
- Recreational intertidal harvest ⓘ
- Sailing ⓘ
- Scuba ⓘ
- Surface board sports ⓘ
- Swimming ⓘ
- Tide pooling ⓘ
- Wildlife viewing at sea ⓘ

**Human Use -
Commercial/Industrial**

- Mariculture ⓘ
- Permanent research areas ⓘ

[clear all](#)

Go



Map Controls

Layers Legend Active (3) Tools

Fish Passage

 Fish Passage

Facilities

 Facilities

Fish Distribution

 Fish Distribution

- Spring Chinook Streams
- Summer Chinook Streams
- Fall Chinook Streams
- Coho Streams
- Summer Chum Streams
- Fall Chum Streams
- Winter Chum Streams
- Winter Steelhead Streams
- Summer Steelhead
- Sockeye Streams
- Pink Salmon (Even Year) Streams
- Pink Salmon (Odd Year) Streams
- Bull Trout
- Kokanee
- All SalmonScape Species

ESA Listing Units

 ESA Listing Units

- Spring Chinook ESUs
- Summer Chinook ESUs
- Fall Chinook ESUs
- Summer Chum ESUs
- Fall Chum ESUs
- Winter Chum ESUs
- Coho ESUs
- Pink Odd Year ESUs
- Pink Even Year ESUs
- Sockeye ESUs
- Winter Steelhead DPSs
- Summer Steelhead DPS

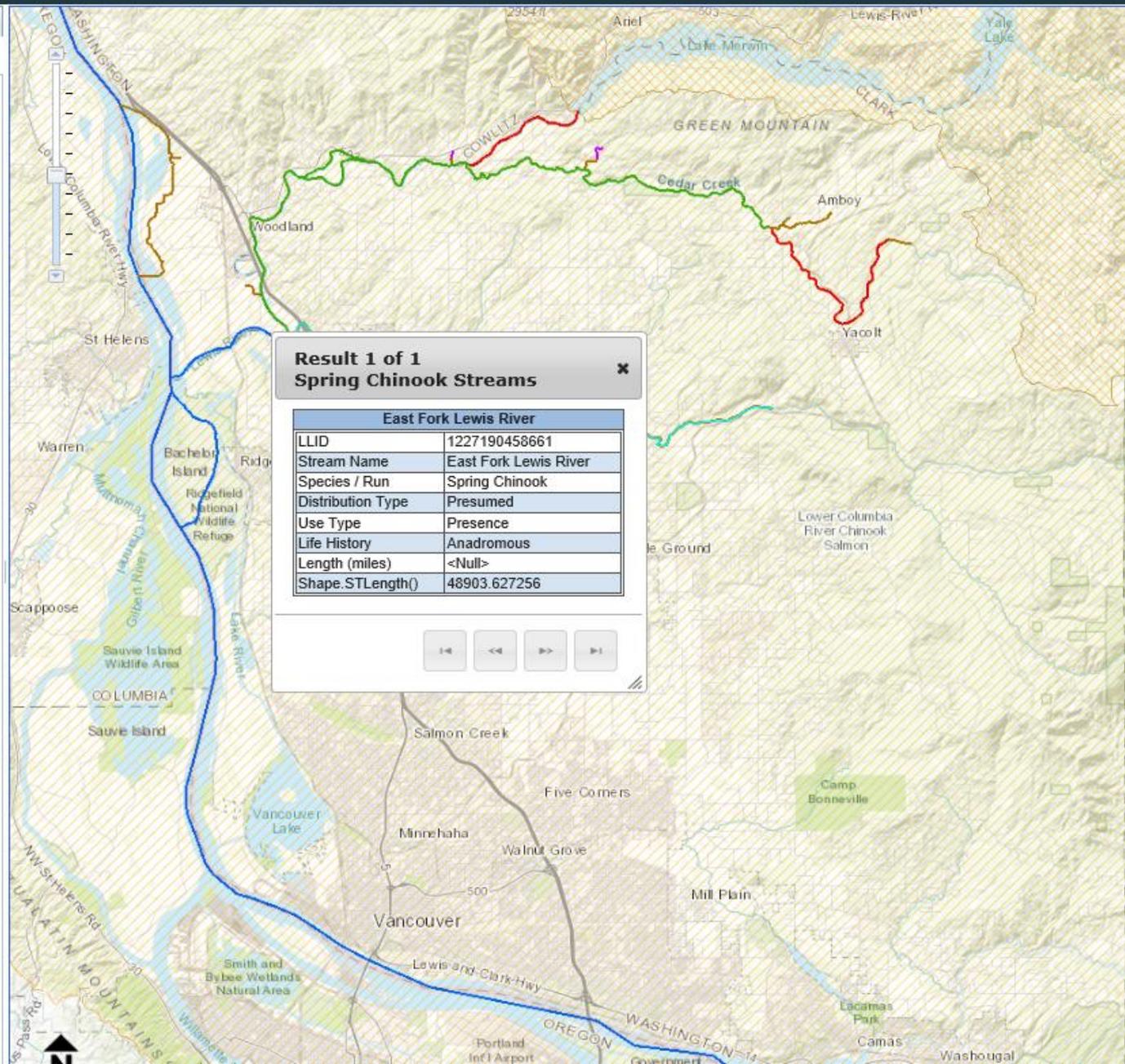
Hydrography

 Hydrography

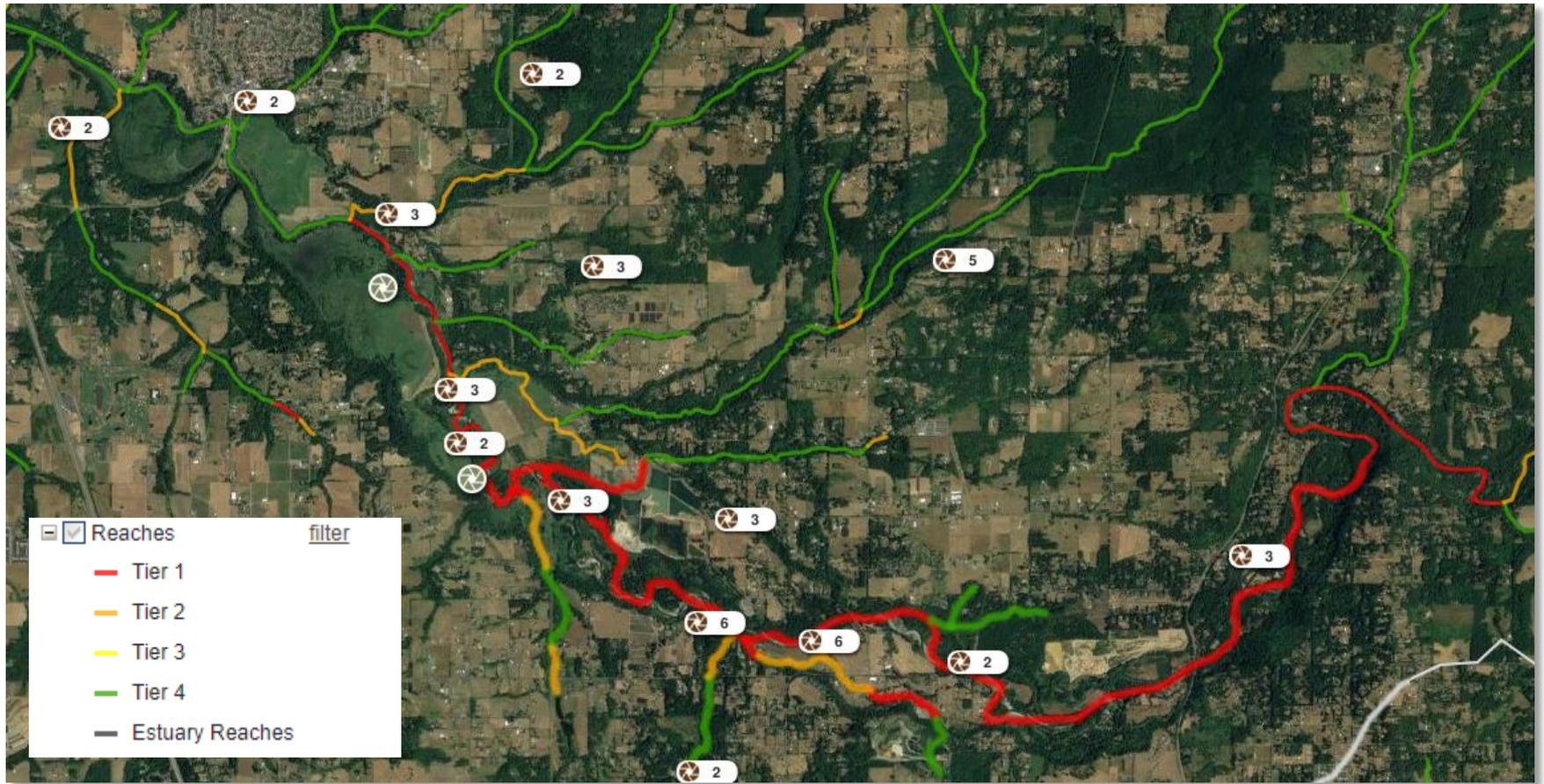
Boundaries

- Township & Range
- WRIAs
- Counties

Basemap

 Topographic

LCFRB SalmonPORT



Source Assessment says....



East Fork Lewis River Watershed Bacteria and Temperature

Source Assessment Report



May 2018

Publication No. 18-03-019



Approach to the Problem

MAKE MAGIC!
DO GOOD!

Remove Invasive Species

Restore Stream Channel

Plant native trees and shrubs

Legend



Planting Area proposed for 30 Ac of Shrub Scrub and Riparian Forest



Volunteer planting area



Anticipated levee breach location



Recent County Plantings



Breeze Creek



Proposed Channel Restoration



Clark County Properties

Engage local schools

Riparian Buffer
Fencing

Watering Facility

Heavy Use Area Protection



Outcomes



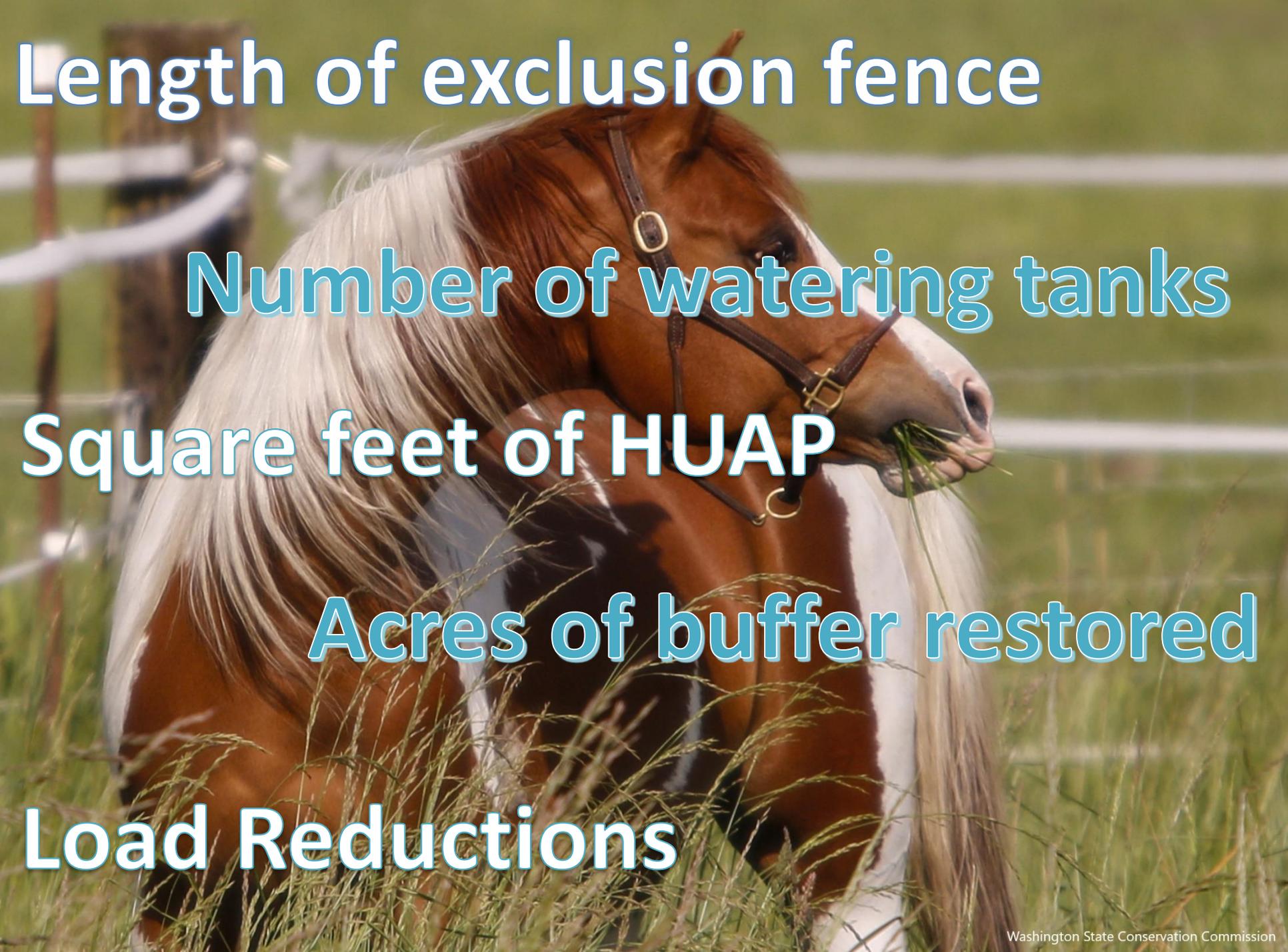
Number of trees and shrubs

Number of acres

Linear feet of stream

Number of volunteers

Load Reductions

A brown horse with a white mane and tail is grazing in a field. The horse is wearing a brown halter with gold-colored buckles. The background is a green field with a white fence.

Length of exclusion fence

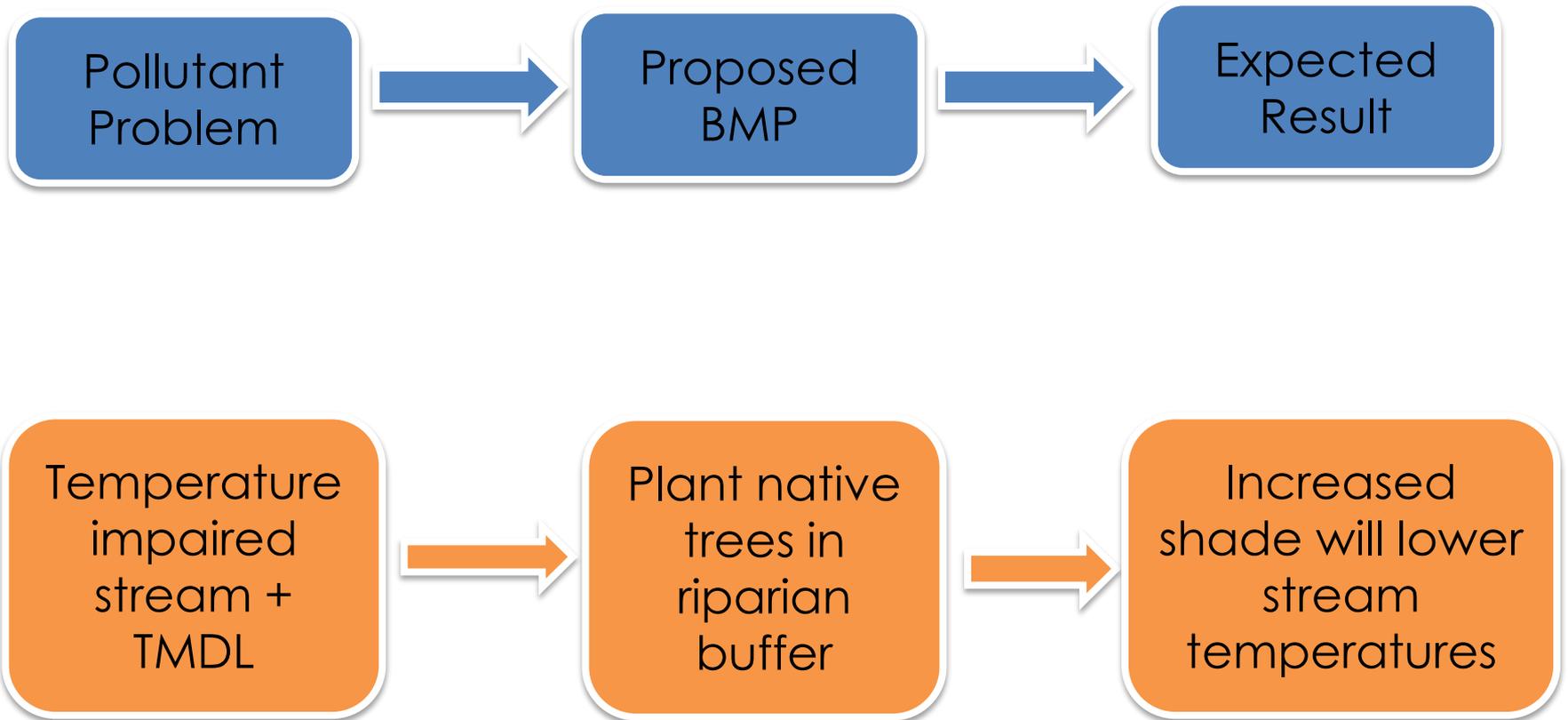
Number of watering tanks

Square feet of HUAP

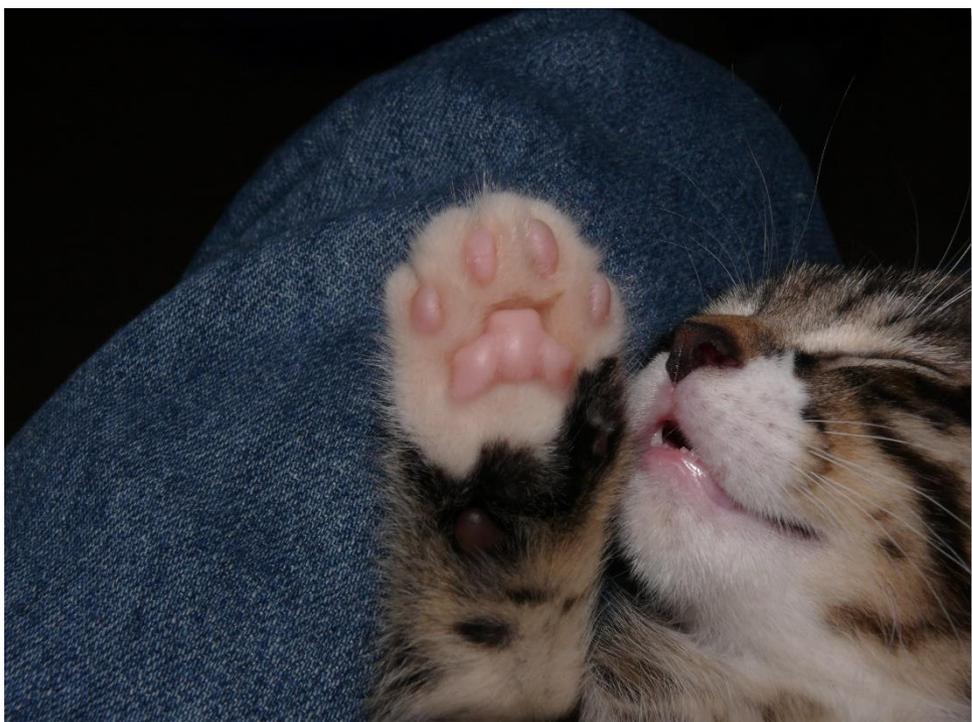
Acres of buffer restored

Load Reductions

Relate the proposed work directly to the water quality problem.



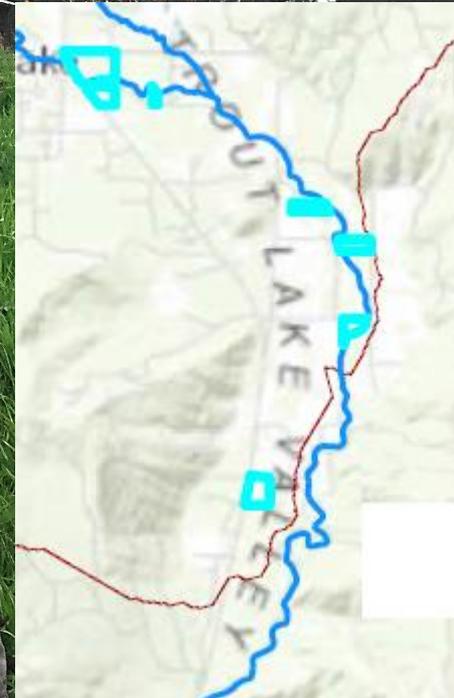
Be specific and realistic!





Readiness to Proceed

Identify Projects and Willing Landowners



Example of Project Readiness

1. Landowner commits to ~1 mile of 35' wide riparian planting and livestock exclusion fencing along an irrigation ditch adjacent to flood-irrigated pastureland carrying surface water to the river (attached letter of support).
2. Landowner commits to 520 linear feet of 50' wide riparian planting along the river adjacent to a dairy and its pastureland (attached letter of support).
3. Landowner commits to 350 linear feet of 50' wide riparian planting along the river adjacent to farmland (attached letter of support).



Applicant Demonstrates NOT Ready to Proceed

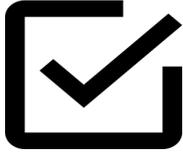
1. Identify areas of concern with high fecal bacteria contributions.
2. Outreach to landowners in areas of concern identified (in Task 3).
3. Install BMPs that reduce fecal bacteria.

Documenting Willing Landowners

1. List of landowners contacted through outreach noting their level of interest.
2. Landowner acknowledgement form – signed document showing that landowner is aware and supportive of the proposed project.
3. Landowner agreement – signed document showing that the landowner is committed to completing the project and maintaining it for 10 years.

Private Property – Requires landowner agreement BEFORE implementation.

Public Property – Recommend MOU to document commitment to maintain project.



Template

Landowner Acknowledgement Form

Landowner Information

Name of Landowner:

Landowner Contact Information:

First Name: Last Name:

Contact Mailing Address:

Contact E-Mail Address:

Property Address or Location:

1. Landowner is the operator of _____ Farm, a portion of the project described in the attached Department of Ecology grant application.
2. I am aware of and supportive of project planning to support clean water efforts at the above mentioned location.
3. I understand that the Project Sponsor will involve me and incorporate my interests and needs as the property owner of this project.
4. If the project is successfully funded, I will be contacted and asked to engage in a more formal landowner agreement.
5. My signature does not represent final approval or authorization of project implementation, but I am supportive of pursuing further project development in congruence with the attached Department of Ecology grant application.

Signature

Date

Project Sponsor Information

Project Name:

Project Applicant Contact Information:

Mr. Ms. Title:

First Name: Last Name:

Mailing Address:

E-Mail Address:



Template

Landowner Agreement

For Projects Funded by the Washington Department of Ecology, Water Quality Financial Assistance

This Agreement, dated and effective beginning the date of last signature, is made and entered into by and between the Landowner and Recipient identified herein. The parties intend that all terms of this Agreement shall remain in effect for a period of ten (10) years from the date of project completion, and the agreement shall be binding on all successors in interest during this time. The date of project completion is the date of final payment to the project sponsor (Recipient). It is the responsibility of the Recipient to inform the landowner of this date.

Landowner Name (Landowner):

Street Address:

City, State, Zip Code:

Project Sponsor (Recipient):

Recipient Name:

Street Address:

City, State, Zip Code:

Purpose of Landowner Agreement

The purpose of this Agreement is to identify and confirm the terms, conditions and obligations agreed upon between the Recipient, who is undertaking a project (Project) funded by the Washington Department of Ecology (Ecology), and the Landowner, who owns the property on which the Project will take place.

The Recipient and Landowner mutually agree to participate in conducting the water quality improvement activities described below on lands owned by Landowner in _____ Watershed (Water Resource Inventory Area), _____ County, State of Washington, Tax Parcel No. _____. The activities also are described in, and in accordance with Ecology's Project Agreement No. _____ into which this agreement, once signed by both parties, becomes incorporated herein. This

Landowner Agreement must be fully signed by Recipient and Landowner before implementation of the project begins, to be eligible for reimbursement by Ecology.

The Recipient Agrees to:

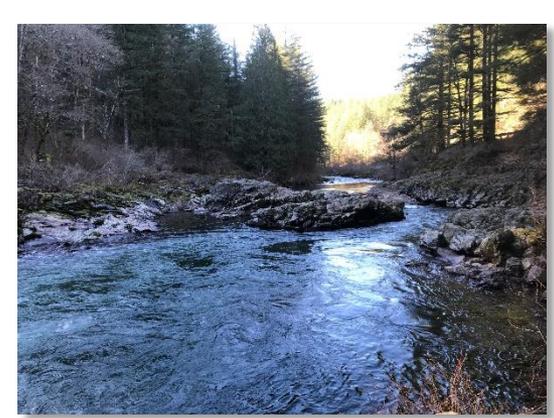
1. Be responsible for the design and installation of the project, and the conduct and activities of its staff, agents, and representatives.
2. Provide the Landowner with a timeline of estimated dates of Project activities, including start and completion dates, and to keep the Landowner informed of progress.
3. Conduct the project-related activities described in the Project Description, as appended to this agreement.
4. Leave all remaining portions of the property in as near pre-project condition as reasonable, or as otherwise agreed upon in writing with Landowner.
5. Inform Landowner of project completion and the dates for this Agreement.
6. Hold harmless the landowner from any liability associated from injuries or damages occurring to workers implementing the project.
7. Identify the specific maintenance and/or monitoring activities that will be provided by Recipient in Attachment A (include frequency and duration).

The Landowner Agrees to:

1. Provide reasonable property access to the Recipient to plan, implement, and complete the project, and to conduct the long-term maintenance and monitoring activities, as described in the Project Description attached to this agreement.
2. Provide the Recipient and Ecology, or their employees, agents, representatives, contractors, or assignees, the right to enter the land, at reasonable times, and upon reasonable notice. Entry is solely for project implementation and management purposes, to inspect completed work, and to monitor long-term success of the completed project. Except in case of emergency, reasonable notice shall be given at least 48 hours before entry.
3. Not intentionally compromise the integrity of the project.
4. Inform Recipient of all known safety hazards on the property.
5. Identify the specific maintenance and/or monitoring activities that will be provided by Landowner in Attachment A (Include frequency and duration).



It's Time For A Break



Cultural Resources

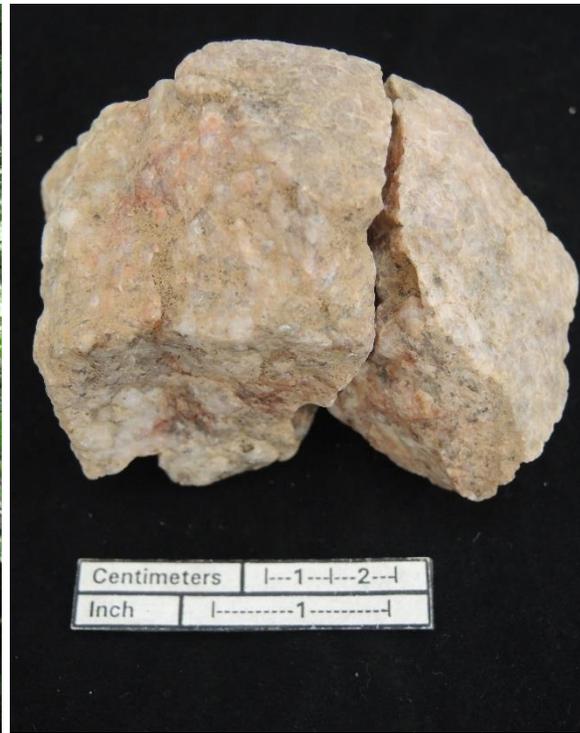


Planning for Cultural Resources

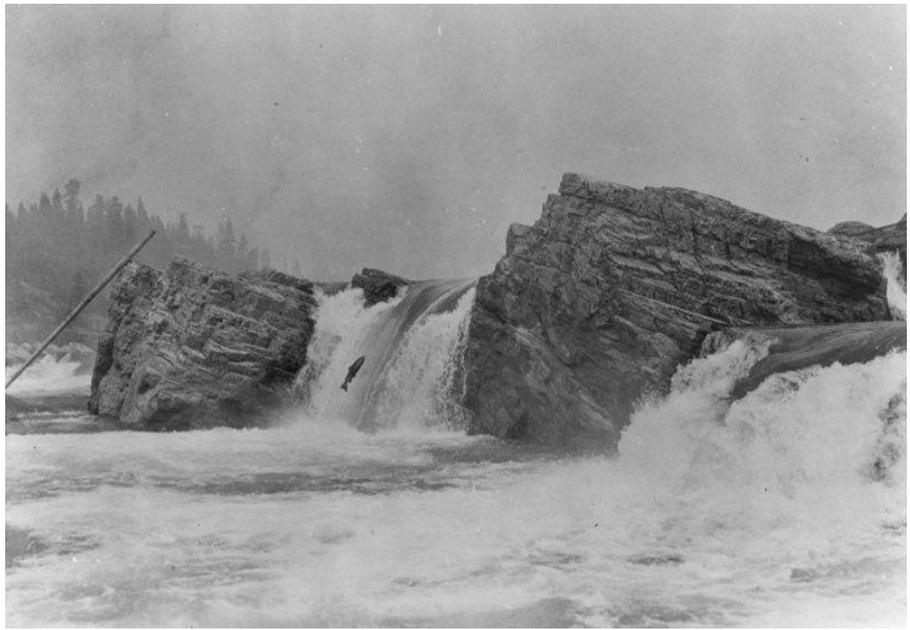
- What are cultural resources?
- Why does it matter?
- How does it affect my project?
- How does cultural resource review work?

What Are Cultural Resources?

- **Archaeologic Resources**
 - Remains, tools, shell middens, etc.
- **Ethnographic sites**
 - Pre-contact camps, traditional cultural places, etc.
- **Historic structures**
 - National Register barns, houses, etc.
- **Human Remains**
 - Graves, abandoned cemeteries, etc.



Modified trees, shell middens, tools, FCR, logging tools, burials, etc.



Why Should We Care?

- **It's the law**
 - NHPA, SEPA, EO 05-05, RCWs
- **It's the right thing to do**
 - Proactive collaboration and partnership leads to long-term success
- **Ecology requires it**
- **Cultural resources are not renewable – alteration or damage is permanent**

Why Do These Laws Exist?

“Burial ground may be located under Oak Harbor’s Pioneer Way”

“Swinomish: Oak Harbor desecrated burial ground”

“Most Oak Harbor officials knew about archaeological site before project started”

“Oak Harbor ignored warning of possible bones”

“Bones leave Oak Harbor vulnerable to lawsuit”

“Tribe, City of Oak Harbor on cusp of \$2 million deal over bones lawsuit”

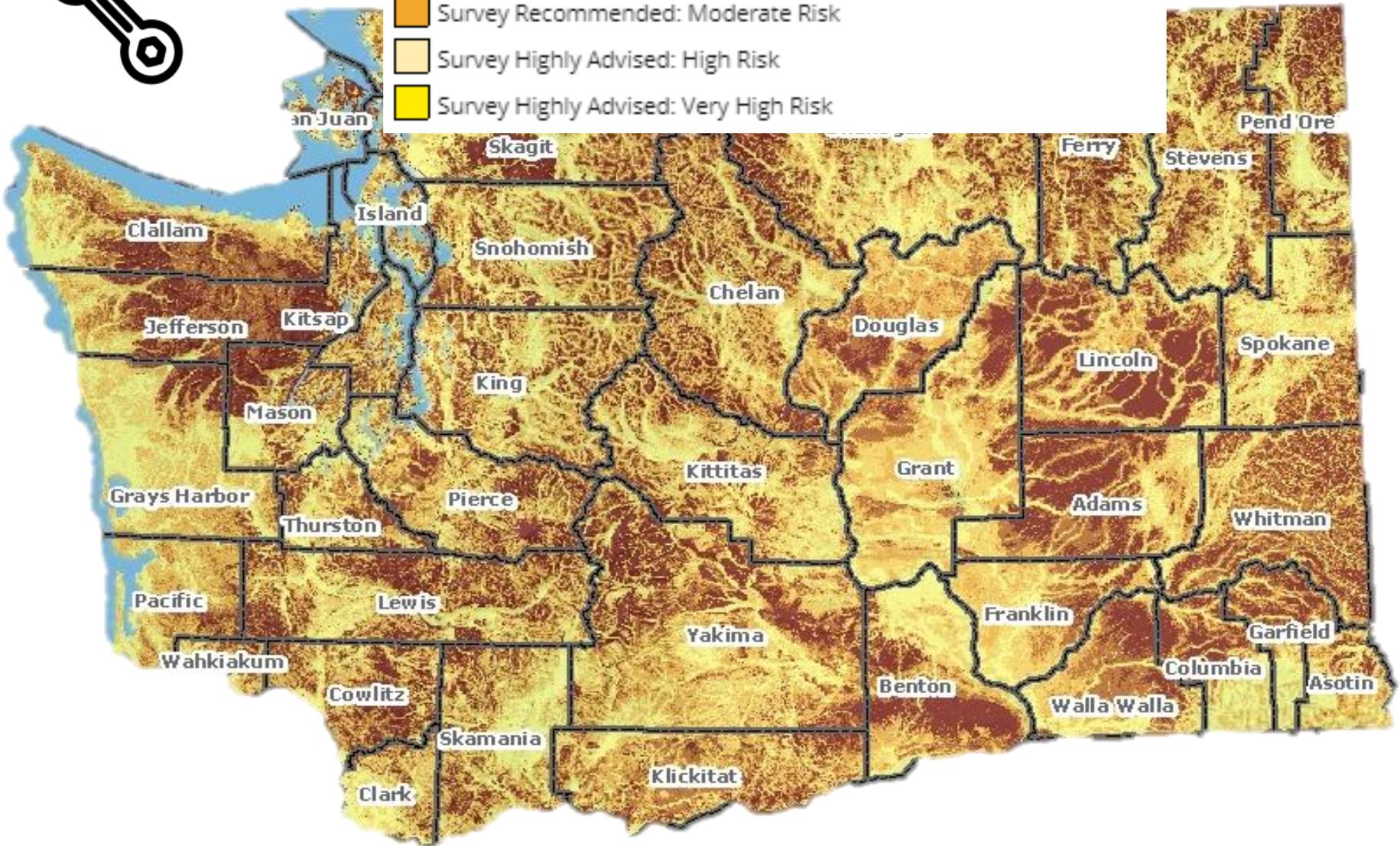


Learning Your Risk

- Fear not! The Washington Department of Archaeology and Historic Preservation has created a mapping tool to learn about your project area.
- Anyone can view the Risk layer, but if you want more details, contact ECY staff for help (Seth Elsen, Liz Ellis, Sarah Albers).
- <https://fortress.wa.gov/dahp/wisaardp3/>

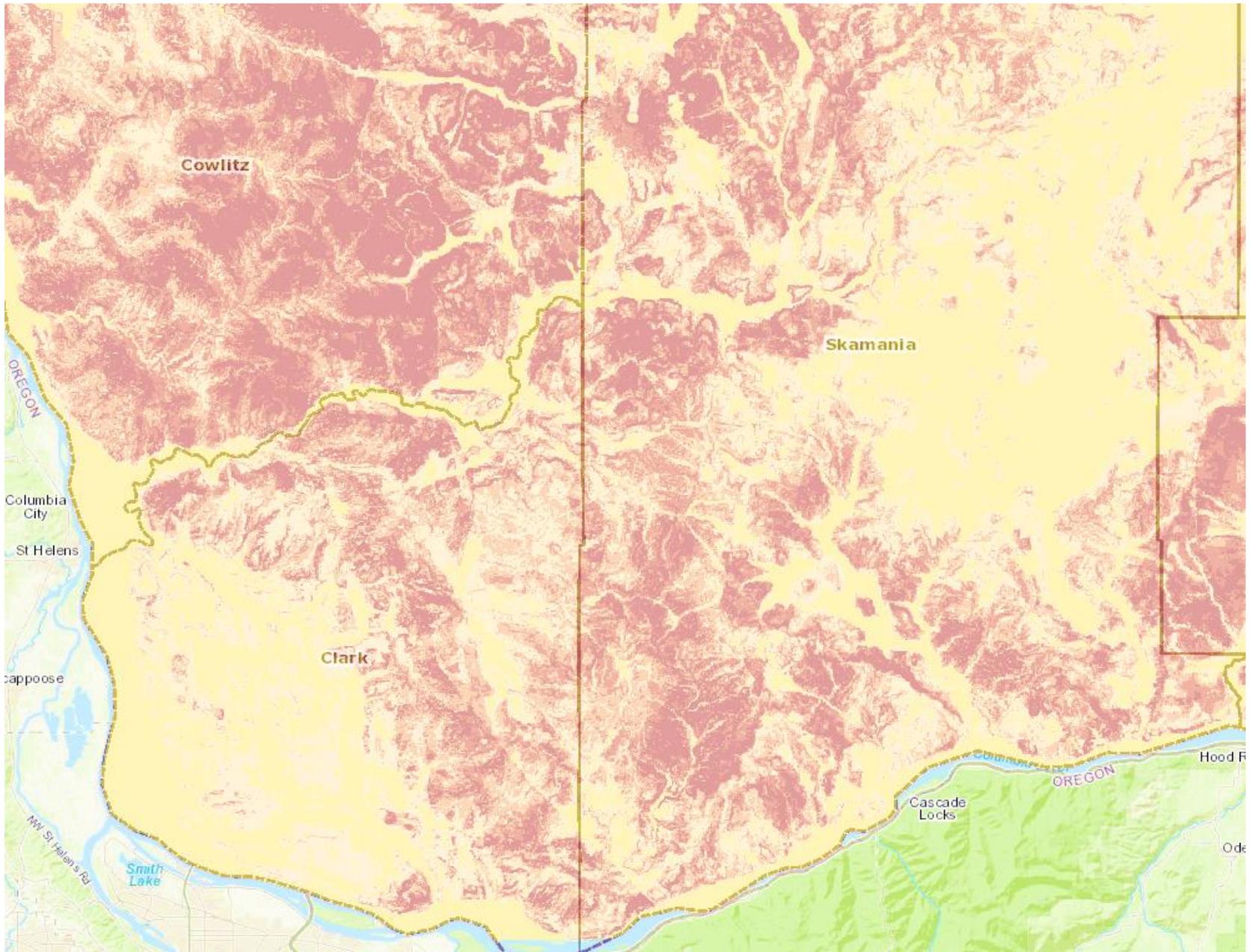


-  Survey Contingent Upon Project Parameters: Low Risk
-  Survey Contingent Upon Project Parameters: Moderately Low Risk
-  Survey Recommended: Moderate Risk
-  Survey Highly Advised: High Risk
-  Survey Highly Advised: Very High Risk



Exploring WISAARD

- **Thousands of cataloged data points!**
 - 30,000 + archaeological site records
 - 2,200+ NR/SR listed property records
 - 619,000 property inventories
 - 25,000 survey reports



How Does It Impact Projects?

- **Budget**

- Plan for the worst, hope for the best!
 - Surveys and monitors can cost thousands.

- **Timeline**

- Consultation takes at the least 35 business days, longer if surveys or monitoring are involved.
- Once you're awarded funding, begin review to avoid delays.

Timelines and Costs

Scenario	Timeline
Standard Review; Proceed with IDP	~ 35-40 business days
Monitor Required	~ 50-60 business days
Survey Required	~ 70 business days

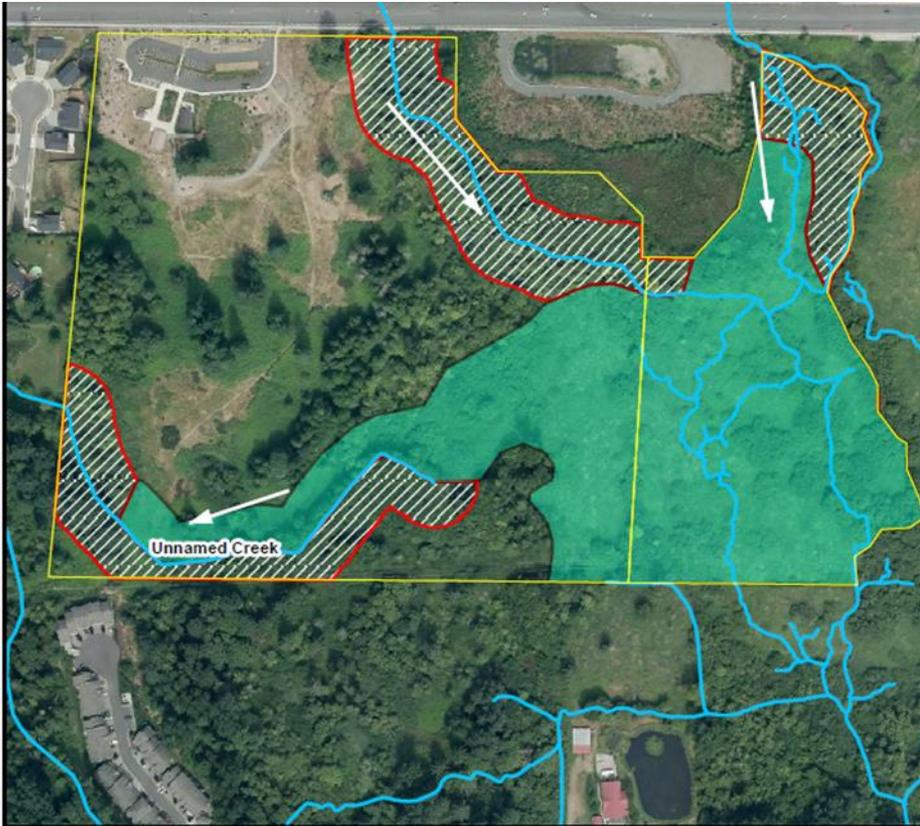
- Budgeting for cultural resources depends on project scope, size of APE, and overall risk of your project area.
- Plan for your staff time to prepare documents, the potential for a survey, and if in a very high-risk area, a monitor.
- **Your best bet? Discuss your project site with WQ Cultural Resource Contact.**

How Does Review Work?

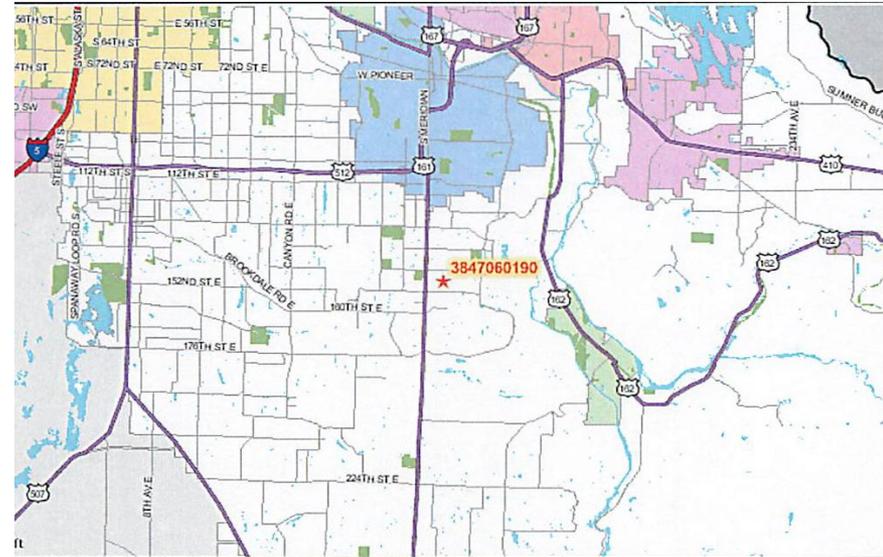
- Project proponent completes ECY **05-05/Section 106 form**
 - Describe project site, work proposed, level of disturbance, risk level if known, and any applicable surveys
 - Map your Area of Potential Effect

Mapping your APE

Accept



Reject



How Does Review Work?

- Develop your **Inadvertent Discovery Plan**
 - IDP is required to be on-site during all work.

Implement the IDP / UDP if ...

You see chipped stone artifacts.



- Glass-like material
- Angular
- "Unusual" material for area
- "Unusual" shape
- Regularity of flaking
- Variability of size



PLAN AND PROCEDURES FOR THE UNANTICIPATED DISCOVERY OF CULTURAL RESOURCES AND HUMAN SKELETAL REMAINS¹

PROJECT TITLE: [Type text]

COUNTY WASHINGTON: [Type text]

Section, Township, Range: [Type text]

1. INTRODUCTION

The following Inadvertent Discovery Plan (IDP) outlines procedures to perform in the event of discovering archaeological materials or human remains, in accordance with state and federal laws.

2. RECOGNIZING CULTURAL RESOURCES

A cultural resource discovery could be prehistoric or historic. Examples include:

- An accumulation of shell, burned rocks, or other food related materials.
- Bones or small pieces of bone.
- An area of charcoal or very dark stained soil with artifacts.
- Stone tools or waste flakes (i.e. an arrowhead, or stone chips).
- Clusters of tin cans or bottles, logging or agricultural equipment that appears to be older than 50 years.
- Buried railroad tracks, decking, or other industrial materials.

When in doubt, assume the material is a cultural resource.

3. ON-SITE RESPONSIBILITIES

STEP 1: Stop Work. If any employee, contractor or subcontractor believes that he or she has uncovered a cultural resource at any point in the project, all work must stop immediately. Notify the appropriate party(s). Leave the surrounding area untouched, and provide a demarcation adequate to provide the total security, protection, and integrity of the discovery. The discovery location must be secured at all times by a temporary fence or other onsite security.

STEP 2: Notify Archaeological Monitor or Licensed Archaeologist. If there is an Archaeological Monitor for the project, notify that person. If there is a monitoring plan in place, the monitor will follow the outlined procedure.

How Does Review Work?

ECY Receives IDP, 05-05 Forms

ECY CR Staff Conduct WISAARD Review

ECY Issues Preliminary Determination

35 Day Comment Period with DAHP, Tribes

Receive Concurrence or Recommendations

Issue Final Determination / Follow IDP

**Monitor
Needed?**

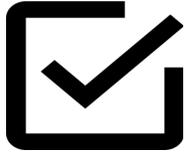
Proponent
Develops
Monitoring
Plan, Sends
to ECY for
Review and
Comment

**Survey
Needed?**

Conduct
Survey,
Send to
ECY for
Review and
Comment

**No Impact to
Resources?**

Post your IDP and get to
work!



05-05/106 Form



WASHINGTON DEPARTMENT OF ECOLOGY EXECUTIVE ORDER 05-05 SECTION 106 NHPA PROJECT REVIEW FORM

GENERAL PROJECT INFORMATION	
PROJECT PROPONENT:	PROJECT ID NUMBER ¹ :
SITE NAME(S):	DAHP PROJECT NUMBER ² :
ADDRESS:	
CITY, STATE:	PHONE #: () -
ZIP, COUNTY:	EMAIL:
For Grant and Loan Recipients Only	
RECIPIENT CONTACT PERSON (if different than above):	
GRANT or LOAN NAME:	
GRANT or LOAN NUMBER:	GRANT or LOAN TYPE (e.g., Centennial, State Revolving Fund):
ECOLOGY INFORMATION (to be completed by the Ecology Project/Site Manager)	
ECY PROJECT/SITE MANAGER:	PHONE #: () -
ECY FINANCIAL MANAGER:	PROJECT MGR EMAIL:
ECY PROGRAM:	
ECOLOGY SPONSOR OR FUND(ING) (e.g., Stormwater Financial Assistance Program):	
<p>Inadvertent Discoveries: Ecology requires submittal of an Inadvertent Discovery Plan (IDP) to your Ecology Project or Site Manager prior to implementing any project that involves ground-disturbing activities. Ecology will provide the IDP Form and will review the submitted plan for approval. The approved IDP protocol is to be discussed with all individuals working on the project site, and a copy of the IDP must be kept on site (an electronic version is fine), and be readily available to all workers at all times. It is required, without exception, that IDP protocol be implemented in the event of a discovery of cultural resources or human remains.</p> <p>Have you completed a project-specific IDP? Use Ecology's IDP form or similar language. YES <input type="checkbox"/> / NO <input type="checkbox"/></p> <p>Have you provided a copy to Ecology Project/Site Manager? YES <input type="checkbox"/> / NO <input type="checkbox"/></p> <p>Download Ecology's IDP here: https://fortress.wa.gov/ecy/publications/SummaryPages/ECY070560.html</p>	

To request ADA accommodation including materials in a format for the visually impaired, call Ecology at 360-407-6000 or visit <https://ecology.wa.gov/accessibility>. People with impaired hearing may call Washington Relay Service at 711. People with speech disability may call TTY at 877-833-6341.

PLEASE DESCRIBE THE TYPE OF WORK TO BE COMPLETED

(Be as detailed as possible to avoid having to provide additional information;
If more than one site, list information for all locations)

Provide a detailed description of the proposed project activities to establish the Area of Potential Effect –
This definition is **not limited** to ground disturbing activity or the project boundary. When providing this description, consider indirect and direct effects, including but not limited to physical, visual, auditory, and vibration impacts. The APE should contain descriptions of all areas used for staging and temporary construction, including below, above, and surface ground disturbance. Include length, width and depth of ground disturbance.

Describe the existing project site conditions - The area, location and/or environment as it exists now. For multiple locations under one review, provide a GIS data overlay or map as an attachment:

Will structures 50 years or older be altered or demolished?? Yes No
If "Yes", visit the [DAHP Historic Property Compliance Website](#) and complete an online [EZ-2 form](#) at <https://dahp.wa.gov/project-review/ez-forms>

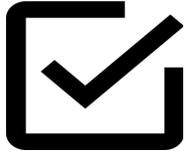
Is your site considered "moderately" to "highly sensitive" using the DAHP WISAARD Statewide Predictive Layer?
Yes No Unknown

Describe the results from the DAHP WISAARD search of the Statewide Predictive Layer
<https://fortress.wa.gov/dahp/wisaardp3/> (instructions on page 4)

Do not provide any site-specific information considered confidential in this form (e.g., coordinates of known archaeological sites).

Do you have knowledge of any previous cultural resource review within the project boundaries during the past 10 years?
Yes No Unknown
If yes, please reference the report, survey or summarize the previous cultural resource review. Include the DAHP Project Number if known.

Cultural Resource Report Information (Author, Date, Title):
DAHP Project Number:
Did you receive a Concurrence Letter from DAHP? Yes No Unknown
If yes, please enter the DAHP Log Number and Date:
Other information that may help this review (provide additional pages if needed):



Inadvertent Discovery Plan



PLAN AND PROCEDURES FOR THE UNANTICIPATED DISCOVERY OF CULTURAL RESOURCES AND HUMAN SKELETAL REMAINS¹

PROJECT TITLE: [Type text]

COUNTY WASHINGTON: [Type text]

Section, Township, Range: [Type text]

1. INTRODUCTION

The following Inadvertent Discovery Plan (IDP) outlines procedures to perform in the event of discovering archaeological materials or human remains, in accordance with state and federal laws.

2. RECOGNIZING CULTURAL RESOURCES

A cultural resource discovery could be prehistoric or historic. Examples include:

- a. An accumulation of shell, burned rocks, or other food related materials.
- b. Bones or small pieces of bone.
- c. An area of charcoal or very dark stained soil with artifacts.
- d. Stone tools or waste flakes (i.e. an arrowhead, or stone chips).
- e. Clusters of tin cans or bottles, logging or agricultural equipment that appears to be older than 50 years.
- f. Buried railroad tracks, decking, or other industrial materials.

When in doubt, assume the material is a cultural resource.

3. ON-SITE RESPONSIBILITIES

STEP 1: *Stop Work.* If any employee, contractor or subcontractor believes that he or she has uncovered a cultural resource at any point in the project, all work must stop immediately. Notify the appropriate party(s). Leave the surrounding area untouched, and provide a demarcation adequate to provide the total security, protection, and integrity of the discovery. The discovery location must be secured at all times by a temporary fence or other onsite security.

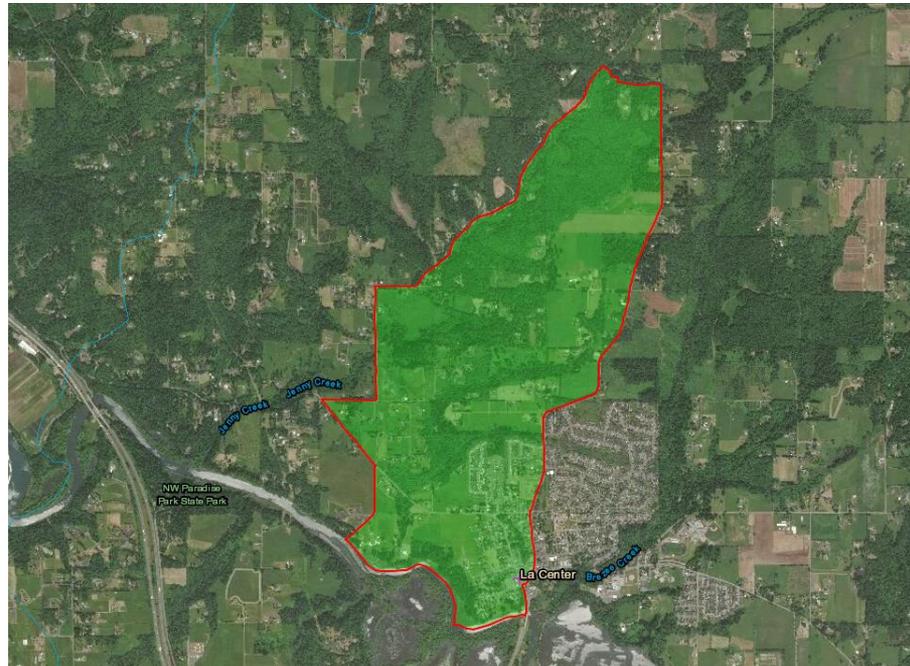
STEP 2: *Notify Archaeological Monitor or Licensed Archaeologist.* If there is an Archaeological Monitor for the project, notify that person. If there is a monitoring plan in place, the monitor will follow the outlined procedure.



Environmental Justice

EPA EJSCREEN EPA's Environmental Justice Screening and Mapping Tool (Version 2018)

Selected Variables	Value	State Average	Percentile in State	EPA Region Average	Percentile in EPA Region	USA Average	Percentile in USA
Demographic Indicators							
Demographic Index	19%	29%	29	29%	27	36%	27
Minority Population	19%	30%	39	27%	45	38%	38
Low Income Population	18%	29%	32	32%	25	34%	27
Linguistically Isolated Population	2%	4%	56	3%	61	4%	58
Population with Less Than High School Education	6%	9%	46	10%	43	13%	34
Population under Age 5	3%	6%	19	6%	19	6%	20
Population over Age 64	10%	14%	37	14%	35	14%	35



We're Here to Help!

- Have further questions or want to discuss your project further?
 - **Seth Elsen** (360) 407-6703
 - OSS, Nonpoint
 - **Liz Ellis** (360) 407-6429
 - NEP, Nonpoint, Wastewater
 - **Sarah Albers** (360) 407-7639
 - Stormwater





Eligible Nonpoint Activities

Eligible Project Types

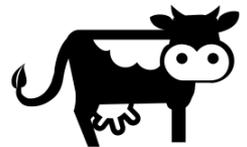
- Agricultural BMPs.
- Riparian and Wetland Restoration.
- Stream and Streambank Restoration.
- Land Acquisition for conservation.
- Technical assistance/ Conservation Plans
 - for BMP implementation.
- Outreach and Education.
- Water Quality Monitoring.

Remember!

Proposed activities **MUST** relate to the water quality and public health issues!

Agricultural (Livestock) BMPs

- Exclusion Fencing
- Heavy Use Area Protection
- Waste Storage Facility
- Waste Facility Cover
- Windbreaks
- Stream bridges/crossings
- Off-stream watering facility
- Roof runoff structures

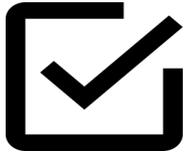


See FY20 Funding Guidelines Appendices E and F

Riparian Restoration

- Minimum setback required –
Either 35', 50', or 100'
depending on the specific
stream reach
 - refer to funding guidelines and
online mapping tool.
- Primary objective – increase
shade to reduce temperature.
 - Also prevents polluted runoff and
sediment from entering
waterways
- Must use native trees and
shrubs.





Riparian Planting Plan

Riparian Planting Plan - 2018

All Ecology grant recipients are required to submit a riparian planting plan to the Ecology Project Manager whenever any planting is to be done that will be funded in part or whole with Ecology funding or when it is being used as match for Ecology funding. When planting is to occur at multiple sites as part of a single agreement, individual riparian planting plans must be submitted for each site. All restoration activities must be consistent with the current NRCS standards and Technical Guide¹ and the Stream Habitat Restoration Guidelines².

An alternative plan can be submitted in lieu of this template, as long as it contains all elements described herein. In the case of match projects, planting plans developed by partnering entities is acceptable.

AGREEMENT / RECIPIENT INFORMATION	
Grant Number:	Grant Recipient:
Project Manager / Contact:	
PROJECT INFORMATION	
Property / Site Name:	Implementation Target Date:
Closest Water Body and Type:	

PROJECT LOCATION
Briefly describe location. Include lat / long ³ , Township/Range/Section, river mile, and any other landmarks or coordinates available.

PROJECT / SITE DESCRIPTION
Discuss historic condition, site potential, plant communities, and stream condition. Also, discuss water quality problems and causes, current condition, etc.

RESTORATION GOALS
What are the goals of your restoration and planting efforts? This may include water quality goals, fish/wildlife goals, and others.

GENERAL DESCRIPTION OF PLANTING
Discuss how the site should look after planting. How will the plants be distributed across the project site? Will they be evenly distributed or planted in groups? Are you planting a diversity of trees, shrubs, forbs, and grasses, or are there limitations to what you are planting and why?

PLANTING SPECIES AND TYPE
List each species (common or latin name), type of planting, and number to be planted (of each species, or combination of species if unknown). We understand that this may be an estimate only and species composition may change as site conditions are better understood. Please copy and paste more lines as necessary.
Species: <input type="checkbox"/> Bare root <input type="checkbox"/> Pots Pot Size: gallon Amount:
Species: <input type="checkbox"/> Bare root <input type="checkbox"/> Pots Pot Size: gallon Amount:
Species: <input type="checkbox"/> Bare root <input type="checkbox"/> Pots Pot Size: gallon Amount:
Species: <input type="checkbox"/> Bare root <input type="checkbox"/> Pots Pot Size: gallon Amount:
Species: <input type="checkbox"/> Bare root <input type="checkbox"/> Pots Pot Size: gallon Amount:
Species: <input type="checkbox"/> Bare root <input type="checkbox"/> Pots Pot Size: gallon Amount:
Species: <input type="checkbox"/> Bare root <input type="checkbox"/> Pots Pot Size: gallon Amount:
Who will be installing the plants (list all that apply)?
<input type="checkbox"/> Our Staff <input type="checkbox"/> WCC Crews <input type="checkbox"/> Volunteers <input type="checkbox"/> Other:

NOXIOUS WEED MANAGEMENT
Describe the noxious weeds present on the site, which species are of most concern, which species will be treated / managed, and what pre planting and post planting treatment / management you are planning.

PLANTING SITE PREPARATION
Describe how you will prep the site for planting. Include weed control, mulching, soil amenities, deer or livestock exclusion fencing, or any other site prep conducted before or during the planting.

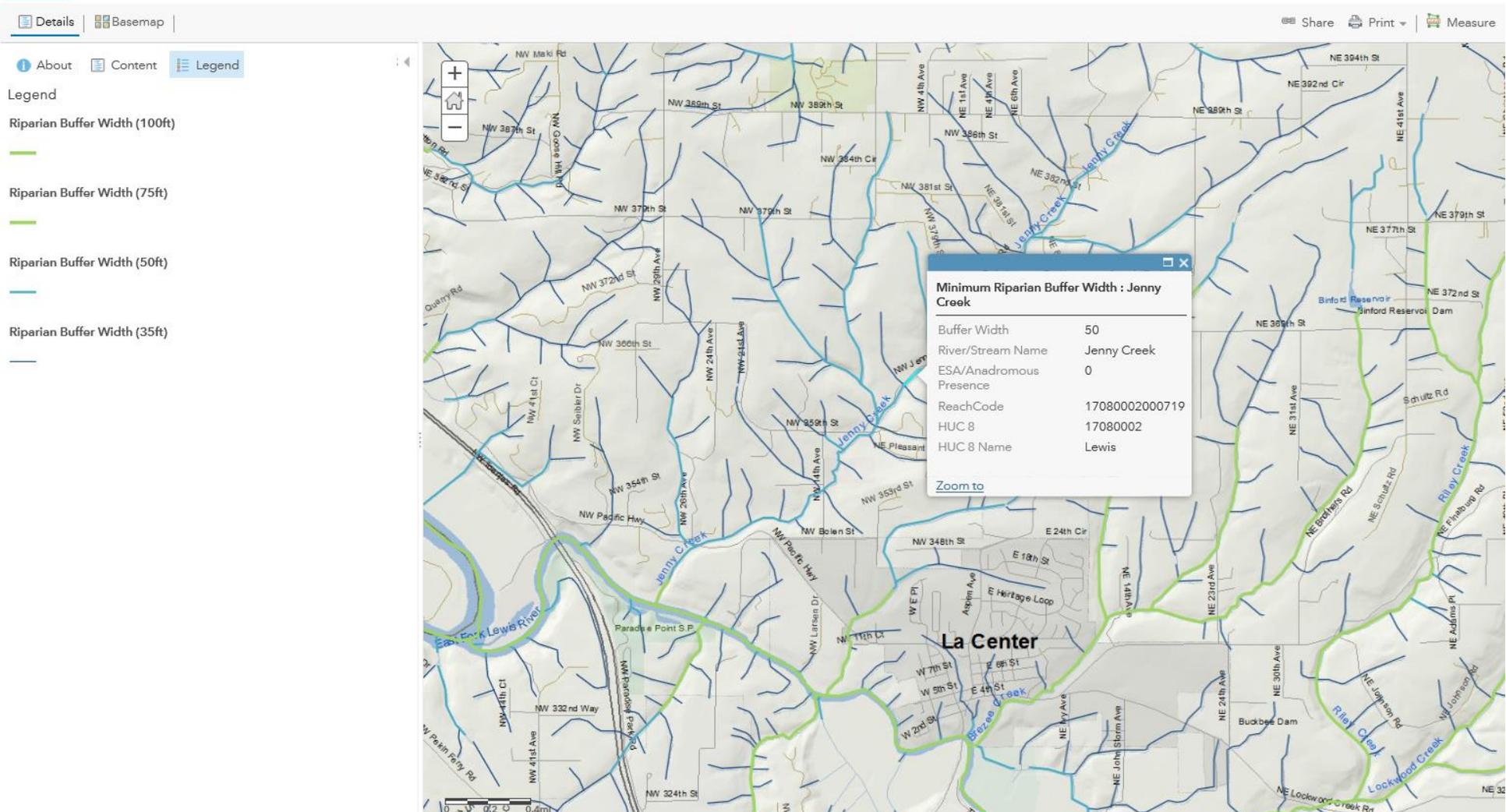
PLANTING SITE MAINTENANCE
Describe how you will maintain plants during the life of the agreement. Discuss browse protection, mortality replacement, or any other methods you will use to increase survival. Also, will plants need / receive maintenance after the project period? Why or why not? How long?

IRRIGATION
Will your plantings be given supplemental irrigation? <input type="checkbox"/> Yes <input type="checkbox"/> No
If not, why not?



Buffer Width Map

ArcGIS ▾ WAECY - Riparian Buffer Width Map



Pollution Identification & Correction

- Program that works to protect and restore water quality, particularly to clean up and prevent fecal pollution from human and animal waste that threatens public health and our economy.
- 13 stream segments listed as impaired for bacteria.
- Program includes water quality monitoring, investigation of pollution sources, and correcting the source.



Protect It and Inspect It!

septicmart
2012 Environmental Protection Agency
www.epa.gov/septic

Regular septic system maintenance can save homeowners thousands of dollars and protect public health. Learn more at www.epa.gov/septic.

EPA
United States Environmental Protection Agency

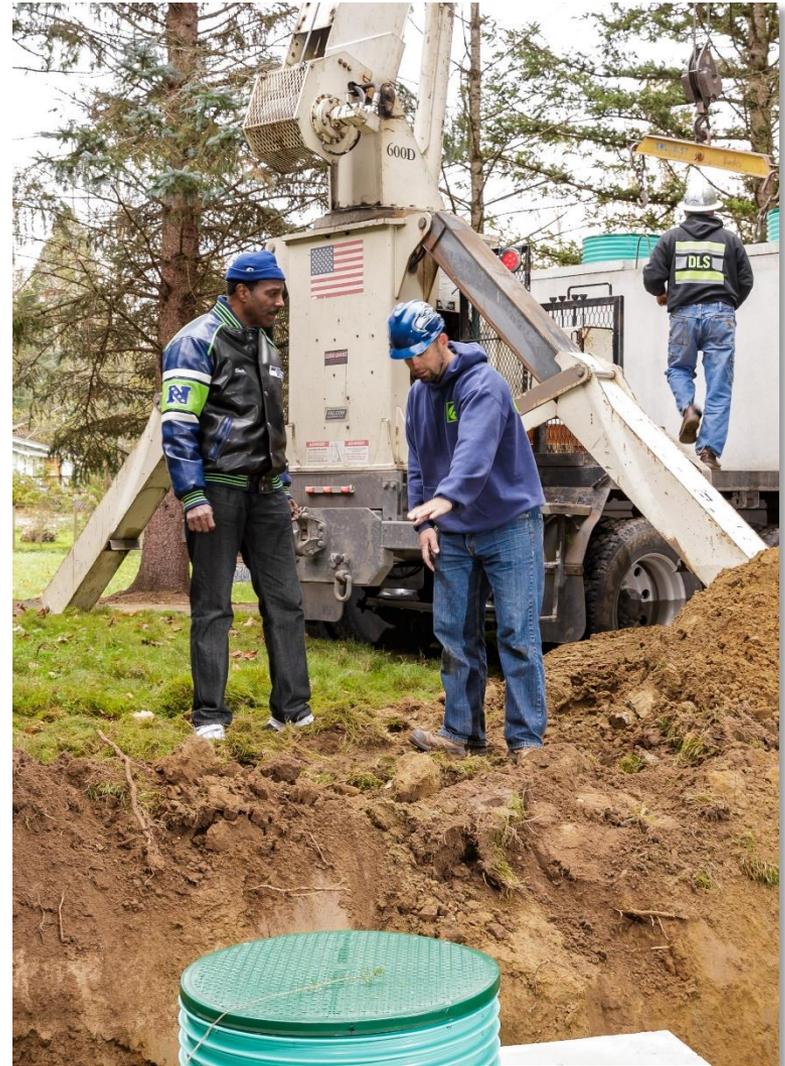
Onsite Sewage Systems

- Repair/Replacement Loan Programs
- Education and Outreach
- Surveys and Technical Assistance
- LOSS Planning, Design, and Construction



OSS Regional Loan Program

- Partnership between ECY, DOH, and Craft3
- Loans and grants to replace failing septic tanks or connect to sewer
- Available in Clark County





TAKE A
DEEP
BREATH
THEN
CONTINUE



Budget

Funding Limitations

25% match is required for Centennial Clean Water or Section 319 Grants.

	Grant Request	Total Eligible Cost (TEC)
Combination Match (In-kind, Interlocal, Cash)	Up to \$250,000	Up to \$333,333
Cash Only Match	Up to \$500,000	Up to \$666,666

Clean Water SRF Loan – \$5M limit and no match required. Variable interest rate.

Match for Grants

Secured Funding

- Include list (source and \$ amount) in your grant application

Eligibility

- Scope of work includes match funded and grant funded activities
 - Must meet same eligibility requirements



Examples of Match

- Cash – Base funds, other grants
- In-kind – Volunteer hours, donated plants, donated equipment
- Inter-local – County GIS services

Eligible Expenses

Supplies

- Plants, mulch, fencing, construction materials...

Equipment

- Shovels, excavator, post hole digger...

Staff time (salaries/wages)

- **Task 1:** Up to 15% of total budget for grant administration (reporting, communicating with Ecology, etc.)
- **Additional Tasks:** Administration for the actual work should be budgeted under each task.

Travel

- Transportation to sites

Indirect Costs

- Max ~30% of overhead (rent, office supplies, operating costs)



Example budget

	Description	Quantity	Unit	Cost/Unit	DOE funds	Match (25%)	Total	
	Salary:	see comment	hours		\$9,599.90		\$ 9,599.90	Year 1 (85
	25% overhead				\$ 2,399.91		\$ 2,399.91	
	Travel		miles		\$ 540.00		\$ 540.00	1000 miles (
	Cultural Resource Review		hours					
	BMPs							
Task 3: BMP Implementation	Manure Storage Structure	2	unit	\$30,000.00	\$ 60,000.00	\$ 10,710.05	\$ 70,710.05	Manure Sto
	Heavy Use Area	2	unit	\$7,500.00	\$ 15,000.00		\$ 15,000.00	Heavy Use)
	Fencing	5000	feet	\$2.50	\$ 12,500.00			
	Fence Posts	500	unit	\$5.00	\$ 2,500.00		\$ 2,500.00	
	Survey Tech	70	hours	\$31.84	\$ 2,228.80		\$ 2,228.80	70 hours @
	SUM				\$ 104,768.61	\$ 10,710.05	\$ 102,978.66	

	Description	Quantity	Unit	Cost/Unit	DOE funds	Match (25%)	Total	
	Salary: Project Lead	see comment	hours		\$ 5,640.25		\$ 5,640.25	Lead: Year
	Salary: Restoration Technician	see comment	hours		\$ 1,483.92		\$ 1,483.92	Tech 1: Ye
	Salary: Restoration Technician	see comment	hours		\$ 1,355.28		\$ 1,355.28	Tech 2: Yee
	25% Overhead				\$ 2,119.86		\$ 2,119.86	
	Travel	265	miles	\$0.54	\$ 143.10		\$ 143.10	265 @ .54
	Plants	4080	plants	\$3.00	\$ 12,240.00		\$ 12,240.00	4080 plants
	Mulch					\$ 4,356.00	\$ 4,356.00	6 dump truc
	Volunteer labor					\$ 4,250.00	\$ 4,250.00	250 @ \$17
	Salmon Recovery Grant					\$ 7,296.20	\$ 7,296.20	
	SUM				\$ 22,982.41	\$ 15,902.20	\$ 38,884.61	



Schedule

Project Administration

Progress Reports and Payment Requests

- Required quarterly, and with every payment request
- Payment is on reimbursement basis
 - Must provide receipts, timesheets, invoices, any supporting documentation
 - Itemize expenses in EAGL on the PRPR form

BMP Reporting

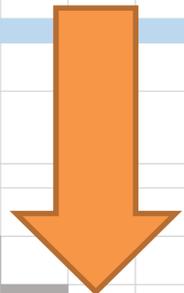
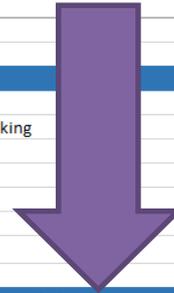
- Annual BMP implementation and load reduction reports

Final Report

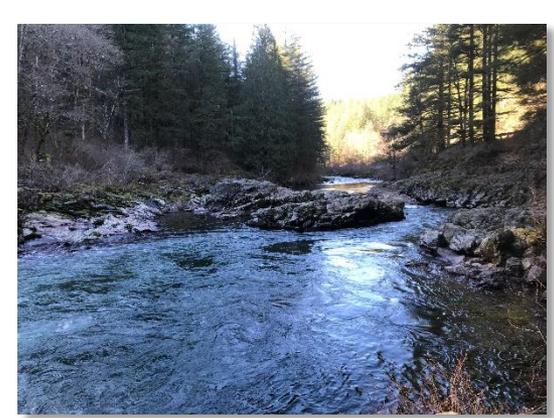
- 2-page summary template



Example schedule



			Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	
			2018				2019												
VO Funding Cycle Process Steps																			
	Applications Submittal	8/13 - 10/15	x	x															
	Application Evaluation, Rating, and Ranking	10/16 - 12/26		x	x	x													
	Issue Draft Funding List						x												
	Public Comment	1/18/19 - 2/18/19					x	x											
	Funding List Issued	6/28/2019										x							
	Agreement Developed	7/19 - 01/20											x	x	x	x	x		
	Project Management (1-5 years)																		
Task	Description	Due Date																	
1.1	Progress Reports that include descriptions of work accomplished, project challenges or changes in the project schedule. Submitted at least quarterly.	10/31/2019																	
1.2	Recipient Closeout Report (EAGL Form)	1/29/2021																	
1.3	Two-page Outcome Summary Report	1/29/2021																	
2 Design Plans and Specs, Environmental Review																			
2.1	Complete SEPA determination. Upload copy of SEPA determination documentation to EAGL and notify ECOLOGY upon completion.	1/3/2020																	
2.2	Complete DAHP EZ-1 Form or ECOLOGY's ECY 05-05/106 form. Upload form along with applicable supplemental cultural resources documentation, if available. Notify ECOLOGY.	10/31/2019																	
2.3	Develop Inadvertent Discovery Plan, upload to EAGL, and notify ECOLOGY.	10/31/2020																	
2.4	Complete a Stormwater Project Design Report. Submit one hard copy to ECOLOGY engineer, along with a digital copy uploaded to EAGL. Notify ECOLOGY.	7/19/2019											x						
2.5	Prepare responses to ECOLOGY Stormwater Project Design Report comments. Upload response to EAGL and notify ECOLOGY.	8/30/2019																	
2.6	Upload Ecology Design Report Acceptance Letter to EAGL and notify ECOLOGY.	9/27/2019																	
2.7	Prepare 90% Design Package to detail the completed final design. Upload to EAGL and notify ECOLOGY.	10/1/2019																	
2.8	Prepare responses to ECOLOGY 90 Percent Design Package comments, upload to EAGL, and notify ECOLOGY upon completion. This step may take several exchanges, and may include revisions to the final 90 Percent Design package. Once finalized, a hard copy will also be submitted to the ECOLOGY Project Manager, who will review along with the ECOLOGY Engineer.	10/31/2018																	
2.9	Upload Ecology 90 Percent Design Package Acceptance Letter to EAGL and notify ECOLOGY.	11/29/2019																	

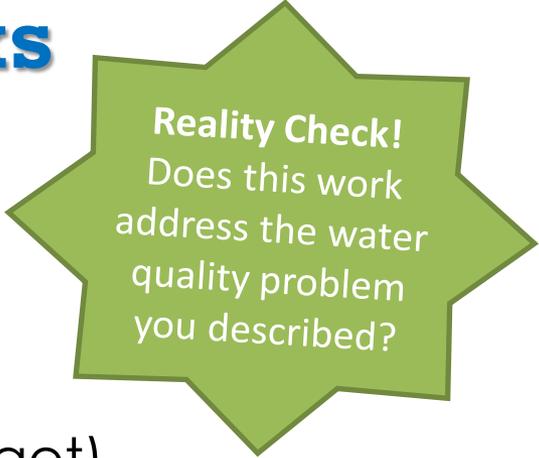


Developing a Scope of Work

Aligning Scope of Work, Budget, & Schedule



Scope of Work Tasks



Reality Check!
Does this work
address the water
quality problem
you described?

Description

- **Where**
 - Specific site and waterbody
 - Minimum area, length (set a realistic target)
- **What**
 - Administrative and field work preparations
 - Quantify: # of specific BMPs, area restored, etc
- **Why**
 - Increase shade, reduce erosion, etc

Deliverables

- **Tangible evidence of successful task completion**
 - Should have a deliverable for each component in task description

Scope of Work Task

High Score Example

Task Title: Riparian Buffer Establishment

Task Cost:

Description: The Conservation District will complete site preparation at two sites, including cultural resource review, landowner agreements, and a planting plan for Ecology approval. We will install over 12,000 live stakes, bareroot and potted native riparian plants over 2.6 acres along approximately 2,500 feet of stream bank on Jenny Creek, with a minimum 50-foot buffer.

Deliverable	Submittal Date	Budget	Tip
Cultural resource documents	10/15/2020	\$2-7K	Rough estimate, varies, better to overestimate
Landowner Agreement	11/15/2020	\$150	Use approved template(or get Ecology PM approval) before landowner signs it.
Planting Plan – submit for approval	12/15/2020		Think about plant sources, do you need to pre-order in the fall?
Restore 2.6 acres. Include summary in final report.	7/1/2020	\$22,800	Allow enough time for unexpected weather, or delays from earlier steps.

Scope: Task Costs and Budget

Task 2	Item/Staff	Rate	Quantity	Unit	Grant Funds	Match
Riparian Restoration : Site #1	Plants	\$1.75	12000	Plants	\$21,000	
	Planting Plan (Jessie Smith)	\$30.00*	50	Hours	\$3000	
	Lead four Planting Events (Jessie Smith)	\$30.00*	60	hours	\$1800	
	Volunteers	\$ (see rate in Yellow Book)	5* 20	Adults * Hours		\$
Total					\$28,800	

Quiz:
What's missing??

Make sure everything in your scope of work is included in your budget (and vice versa!)

Scope of Work Task Low Score Example

Task Title: Riparian Buffer Establishment

Description: The Conservation District will evaluate the presence of noxious weeds and assess the riparian conditions along the East Fork Lewis River to identify options for noxious weed removal and replacement with native vegetation.

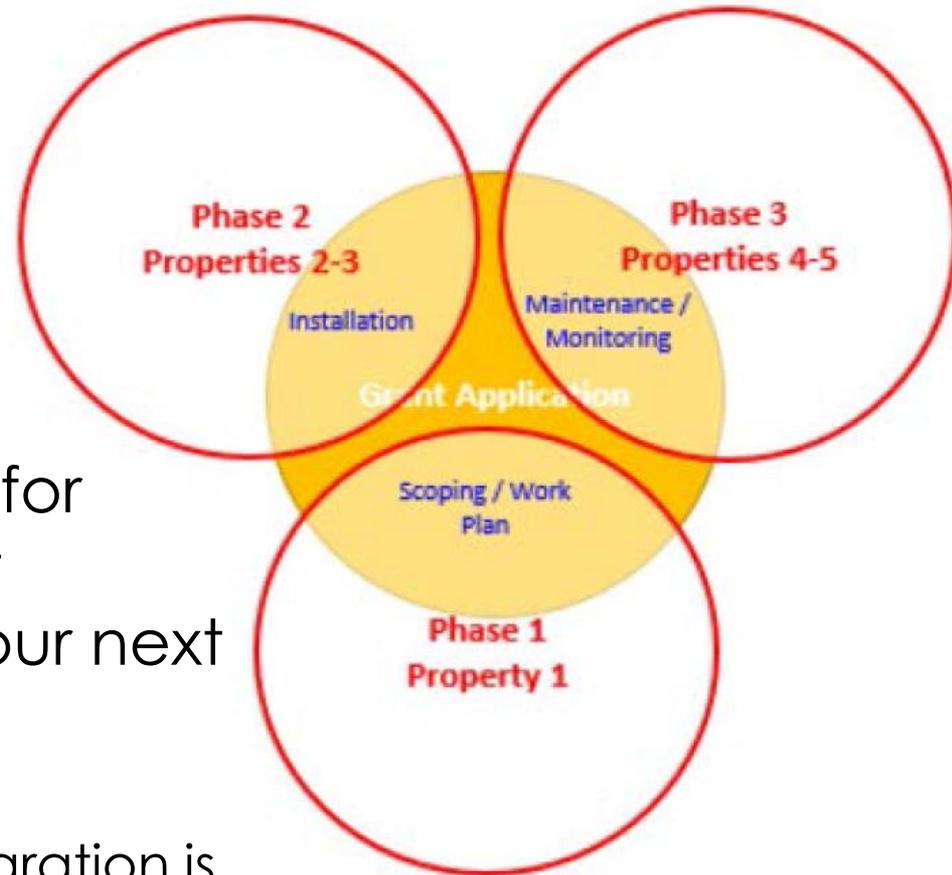
Task Cost: \$100,000

Deliverable	Submittal Date	Budget	Tip
Install plants along the East Fork Lewis River.	10/15/2020	\$20,000	Use numbers! How much area? How many?
Planting Plan	11/15/2020	\$20,000	
Remove invasive plants.	12/15/2020	\$30,000	

Scope of Work Tips

By spreading a project over multiple grant cycles, you can increase the time you have to complete the three major parts of a project.

1. Site Planning
2. Implementation
3. Maintenance/Monitoring
4. Consider including a task for planning your next project (landowner outreach in your next priority area).



* Note: Funding application preparation is not an eligible expense.

Scope of Work Tips

- Use active language
 - “...will conduct temperature sampling at four sites along **Jenny and Brezee Creeks**”
- Be realistic and relevant for the water quality problem being addressed
- Include clear numeric commitments
 - Demonstrate that minimum eligibility requirements will be achieved
 - “**Restore 5 acres of stream with 100 feet buffer**”
 - “**Install 1,200 feet of exclusion fence**”
- Tasks should combine similar work
 - Task 2: Outreach and Technical Assistance
 - Task 3: Livestock BMP Implementation
 - Task 4: Riparian Restoration*
 - Task 5: Streambank Restoration*



Buffer Incentive!

Keep riparian restoration in a separate task from in-stream work.

BMP Approval Process

Required **before** implementation to ensure eligibility criteria will be met.

- BMP Approval Form
- Map(s) of the project location
- Consistent with Funding Guidelines
- Landowner Agreement or Conservation Easement
- Design plans and specifications

BMP Approval
Include 3 months in your schedule to get BMPs approved before implementation!



BMP Approval Form

Section 319 and Centennial Funds

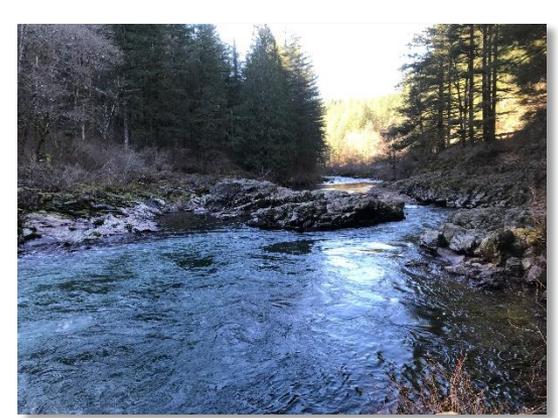
Best Management Practice Approval Form-Riparian Restoration and Livestock Feeding BMPs

Recipient must receive Project Management approval to proceed with implementation or assume the risk that the costs for these activities will not be reimbursed.

Grant Recipient Information			
Organization ██████████	Project Manager	Grant Number	Phone
Address (number and street)		City, State, ZIP code	
		Project Manager Email	
Landowner or Tenant Information			
Name		Address (number and street)	
City, State, ZIP code		Phone	<input type="checkbox"/> Landowner <input type="checkbox"/> Tenant
Project Location Information			
County Parcel Number(s) of Project Location (include all)		Latitude and Longitude of site(s) (include all)	
Watershed Name & 12-digit Hydrologic Unit Code(s)		Township, Section, Range	
Expected Environmental Outcomes			
<p>Project Description: In the space below provide a description of the property, including the land use type, where the water quality problem(s) is located. List the BMPs proposed for implementation to address the problem and discuss the expected outcomes of the completed project.</p>			
<p>Site Map: Attach a detailed site map of the project location that includes an aerial photo and identifies the type and location of installed BMPs. Include site photos as necessary.</p>			
Project Description:			

Best Management Practices (identify the BMPs and quantities of each to be installed)			
Fencing and Off-stream Watering BMPs			
<input type="checkbox"/> Exclusion Fence -total length Minimum distance from top of bank Maximum distance from top of bank	ft. ft. ft.	<input type="checkbox"/> Solar Powered Water Pump <input type="checkbox"/> Well (cost analysis needed) <input type="checkbox"/> Hardened Stream Crossing <input type="checkbox"/> Livestock Bridge (max. of 6ft wide) <input type="checkbox"/> Other BMP (provide description and metrics)	ft. No. No. No. No.
<input type="checkbox"/> Watering Tanks <input type="checkbox"/> Heavy Use Area Protection (associated with off-stream watering) <input type="checkbox"/> Pipeline <input type="checkbox"/> Water Pump (non-solar)	No. sq. ft.		
Feeding Area BMPs			
<input type="checkbox"/> Waste Storage Facility No.	<input type="checkbox"/> Heavy Use Area Protection sq. ft.	<input type="checkbox"/> Windbreak/Shelter break No.	
Riparian Restoration BMPs			
<input type="checkbox"/> Riparian Buffer -total length Buffer width Buffer total area Stream Category (refer to funding guidelines):	ft. ft. ac.	Current or historic anadromous or ESA fish presence: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Streambank Stabilization ft. <input type="checkbox"/> Large Woody Debris No. <input type="checkbox"/> Other BMP (provide description and metrics):	
For Internal Use Only			
<input type="checkbox"/> BMPs Reviewed for Eligibility Criteria		Minimum buffer width required for location: _____ ft.	
<input type="checkbox"/> Landowner Agreement / Conservation Easement received and reviewed		<input type="checkbox"/> Plans and specifications received and reviewed	
Funding assistance limit applies: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, name BMP(s) and cap amount(s) that applies to this project			
Structure Exemption Requested and Approved by Program Manager: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe the justification and the decision to allow a full deviation of the minimum requirements.			
<input type="checkbox"/> Cultural Resource Review: EZ-1 or survey submitted to initiate consultation			
Name: _____			
Project Manager Signature: _____			
Date: (mm/dd/yyyy) _____			
Project Manager Comments:			





Breakout Session Working Lunch





Directions

Start your Notice of Intent & Scope of Work

Applicant Notice of Intent – SFY 2021
Water Quality Program - Southwest Regional Office
Nonpoint Activity Projects



Ecology requests that each applicant submits a Notice of Intent (NOI) by June 15, 2019 via email to leanne.whitesell@ecy.wa.gov, with the information below. It is recommended that you review the [funding guidelines](#) before submitting the NOI and copy your TMDL Lead or Nonpoint Specialist ([Table 1](#)) on the email.

An alternative NOI can be submitted in lieu of this template, as long as it contains all numbered elements. NOIs will be reviewed for completeness and project eligibility. Applicants may withdraw their NOI at any time and are not obligated to submit an application. Please notify Ecology if you do not intend to proceed with your application.

1. Name of the sponsoring organization.	
<input type="text"/>	
2. Name of the project.	
<input type="text"/>	
3. Type of project.	
<ul style="list-style-type: none"> • Nonpoint Source Activity • On-site Sewage System 	<ul style="list-style-type: none"> • Stormwater Activity • Stormwater Facility
<input type="text"/>	
4. General description (1-2 paragraphs) of the proposed project.	
<input type="text"/>	
5. Identify all watershed Name(s) and 12-digit HUC(s) in the project area.	
Search the Water Quality Atlas to find the 12-digit HUC(s).	
<input type="text"/>	
6. Does the project address any water quality priority watersheds identified by SWRO?	
Projects to improve and protect Washington's water quality throughout the region are eligible to apply, but the SWRO is actively seeking projects in these watersheds:	
<ul style="list-style-type: none"> • East Fork Lewis River Watershed – lower and middle watershed (between river miles 0-20) • Greater Key Peninsula • Puyallup Watershed – Boise Creek, Second Creek, and Pussyfoot Creek • Upper Chehalis Watershed – Newaukum River • Other TMDL Implementation Plan (please specify) 	
Search the Water Quality Atlas to find a TMDL or other water quality improvement project in your area.	
<input type="text"/>	
7. Identify which pollutant(s) of concern the project will address.	
Search the Water Quality Atlas to find water quality impairments (categories 4A, 4B, and 5).	
<input type="text"/>	
8. Anticipated or committed partners.	
<input type="text"/>	

- **Less prepared?**
Start developing your Notice of Intent
- **More prepared?**
Start developing your Scope of Work using the DRAFT FY 2021 Applicant Prep Tool



- **Ask Questions!**



- **Talk with Potential Partners!**

Next Steps

- **Homework**

- Research water quality issues.
- Start developing scope of work, tasks and deliverables, budget, schedule, maintenance and monitoring plans.
- Conduct landowner outreach, and establish agreements, conservation easements.
- Develop partnerships and establish agreements.
- Identify contractors and volunteers.
- Identify and secure match funding.

Forms & Templates Available

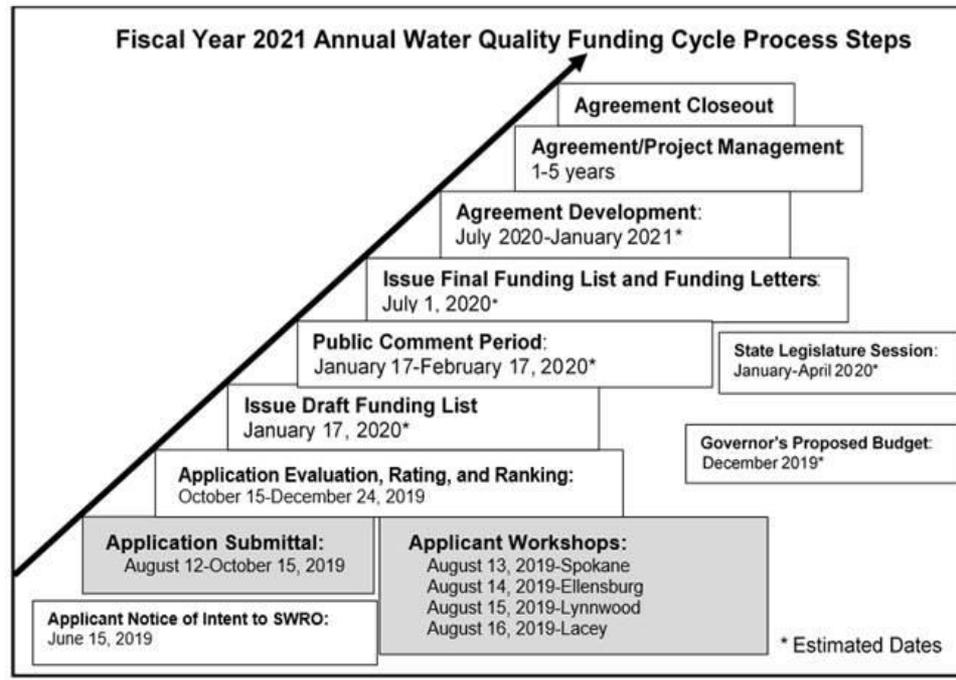
- Budget and Schedule examples
- Landowner Agreement and Acknowledgement templates
- BMP Approval Form
- Cultural Resource & IDP Forms
- Riparian Planting Plan template
- Draft Applicant Prep Tool



https://www.ezview.wa.gov/site/alias_1962/view_our_committees_east_fork_lewis_river_partnership/37305/east_fork_lewis_river_partnership.aspx

Important Dates

- **June 15, 2019 - Notice of Intent Due to SWRO**
- **August 16, 2019 - Applicant Workshop in Lacey**
- **October 14, 2019 - Application Due in EAGL**
- **Summer 2020 - Funding Decisions**
- **Winter 2021 - Start Work**



Save the Date!

East Fork Lewis River Public Town Hall



- **Date:** June 3, 2019
- **Time:** 6:00-8:00 p.m.
- **Location:** La Center Grange
328 W 5th St, La Center, WA 98629

- **Goals:**

1. Share information about water quality.
2. Provide resources to landowners.
3. Answer questions.

Thank You!

Nonpoint Contacts

- **Leanne Whitesell, Funding Project Manager**
leaw461@ecy.wa.gov | 360-407-6295
- **Devan Rostorfer, TMDL Lead**
dros461@ecy.wa.gov | 360-690-4665
- **Shawn Ultican, NPS Specialist**
sult461@ecy.wa.gov | 360-407-6697
- **Jennifer Riedmayer, NPS Specialist**
jrie461@ecy.wa.gov | 360 -407-6778
- **Torren Valdez, Financial Manager**
tval361@ecy.wa.gov | 360-407-6424
- **Eliza Keely-Arnold, Fund Coordinator**
ekee461@ecy.wa.gov | 360 -407-6509

Cultural Resources

- **Seth Elsen, Environmental Planner**
sels461@ecy.wa.gov | 360-407-6703

Stormwater Contacts

- **Dave Mora, Funding Project Manager**
damo461@ecy.wa.gov | 360-690-4782
- **Lori Hammerli, Funding Project Manager**
lham461@ecy.wa.gov | 360-407-6294
- **Michelle Myers, Financial Manager**
mmye461@ecy.wa.gov | 360-407-6564
- **Jessica Schwing, Fund Coordinator**
jess461@ECY.WA.GOV | 360- 407-6216

Evaluations

How did we do?

Was this workshop helpful?

How can we improve?

